# City of Santa Clara

## Meeting Agenda

## Development Review Hearing

**Wednesday, November 4, 2020** **3:00 PM** **Virtual Meeting**

Pursuant to the provisions of California Governor's Executive Order N-29-20, issued on March 17, 2020, to prevent the spread of COVID-19, the City of Santa Clara has implemented the following method for the public to participate remotely:

• Via Zoom:
o https://santaclaraca.zoom.us/j/92950218717 or o Phone: 1 (669) 900-6833
Webinar ID: 929 5021 8717

Public Comments prior to meeting may be submitted via email to Planning@santaclaraca.gov no later than noon on the day of the meeting.

The Development Review Officer, staff, and applicants will be participating remotely.

PUBLIC PARTICIPATION IN ZOOM WEBINAR:Please follow the guidelines below when participating in a Zoom Webinar:

- The meeting will be recorded so you must choose 'continue' to accept and stay in the meeting.
- If there is an option to change the phone number to your name when you enter the meeting, please do so as your name will be visible online and will be used to notify you that it is your turn to speak.
- Mute all other audio before speaking. Using multiple devices can cause an audio feedback.
- Use the raise your hand feature in Zoom when you would like to speak on an item and lower when finished speaking. Press *9 to raise your hand if you are calling in by phone only.
- Identify yourself by name before speaking on an item.
- Unmute when called on to speak and mute when done speaking. If there is background noise coming from a participant, they will be muted by the host. Press *6 if you are participating by phone to unmute.
- If you no longer wish to stay in the meeting once your item has been heard, please exit the meeting.

**CALL TO ORDER AND DECLARATION OF PROCEDURES**

**20-1106** Declaration of Procedures

**REQUESTS FOR EXCEPTIONS, WITHDRAWALS AND CONTINUANCES**

**PUBLIC PRESENTATIONS**

*Members of the public may briefly address the Development Review Officer on any matter not on the agenda that is within the subject matter jurisdiction.*

## CONSENT CALENDAR

*Consent Calendar items may be enacted, approved, or adopted by the action of the Development Review Hearing Officer unless requested to be removed by anyone for discussion or explanation. If any member of the staff, the applicant, or a member of the public wishes to comment on a Consent Calendar item, or would like the item to be heard on the regular agenda, please notify Planning staff, or request this action at the Development Review Hearing during the Consent Calendar review. Items listed on the Consent Calendar with associated file numbers constitute Public Hearing items.*

**20-1044** Action on an addition and remodel at 3256 El Sobrante Street

***Recommendation:*** **Approve** the proposed addition for the property located at 3256 El Sobrante Street, subject to conditions.

**20-1045** Action on an addition and remodel at 2725 Warburton Avenue

***Recommendation:*** **Approve** the proposed addition for the property located at 2725 Warburton Avenue, subject to conditions.

## GENERAL BUSINESS

*The following items from this Development Review Hearing agenda will be scheduled for further review following the conclusion of hearings and recommendations by the Development Review Hearing. Please contact the Planning Division office for information on the schedule of hearings for these items.*

**20-1088** Action on a new data center at 1111 Comstock Street

***Recommendation:*** Adopt a Mitigated Negative Declaration and a Mitigation Monitoring and Reporting Program; and Approve the Architectural Review to develop a 121,170 square-foot four-story data center building, and Minor Modification to increase the building height to 87 feet and reduce the parking space requirements.
.

**20-1095** Action on a new 301-unit multi-family residential project with two live-work units and 650 square feet of co-working space located at 2263 Calle Del Mundo

***Recommendation:*** Approve, subject to conditions, the Architectural Review to develop a new 301-unit multi-family residential project with two live-work units and 650 square feet of co-working space as shown in the project plans included in Attachment 4.

## ADJOURNMENT

*The next regular scheduled meeting is on Wednesday, December 2, 2020 at 6:00 PM.*

1500 Warburton Avenue
Santa Clara, CA 95050
santaclaraca.gov
@SantaClaraCity

**20-1106** **Agenda Date: 11/4/2020**

# REPORT TO DEVELOPMENT REVIEW HEARING

## SUBJECT

Declaration of Procedures

City of Santa Clara
The Center of What's Possible

# DEVELOPMENT REVIEW HEARING
# DECLARATION OF PROCEDURES

The Hearing Officer for this agenda will be Development Review Officer, AICP, Gloria Sciara on behalf of and delegated by the Director of Community Development Andrew Crabtree.

The hearing procedure and order of input will be as follows:

1. Each project will be identified as described on the agenda.
2. For those items on the Consent Calendar, the Hearing Officer will ask if anyone wishes to speak on the item. If a separate discussion is warranted, the item will be moved to the Public Hearing portion of the agenda. If a separate discussion is not needed, the item will remain on the Consent Calendar for approval.
3. For those items listed under Public Hearing, staff will provide a brief report.
4. The applicant or their representative will have up to five minutes to speak at the microphone and should identify themselves by stating their name for the record.
5. After the applicant or their representative has spoken, any member of the public who wishes to speak on the item may provide testimony, up to two minutes per speaker, either for or against the project. All speakers are required to state their name for the record.
6. Following comments from the public, the applicant may make additional remarks for up to five minutes.
7. The Hearing Officer will then close the public hearing, and may ask staff to answer questions, respond to comments made by the applicant or the public, or further discuss the item. The Hearing Officer will then take action on the item.

**If you challenge these land use decisions in court, you may be limited to raising only those issues you or someone else raised at this public hearing or in written correspondence delivered to the City at, or prior to, the public hearing.**

**The Hearing Officer's actions on agenda items are final unless appealed within seven calendar days.**

**20-1044** **Agenda Date: 11/4/2020**

# REPORT TO DEVELOPMENT REVIEW HEARING

## SUBJECT

Action on an addition and remodel at 3256 El Sobrante Street

**File No.(s): PLN2020-14635**
**Location: 3256 El Sobrante Street**, a 7,500 square foot lot located at the south side of El Sobrante Street, 150 feet west of Via Dondera; APN: 290-19-074; property is zoned Single-family Residential (R1-6L).
**Applicant:** Mei Carpenter
**Owner:** Mei Carpenter
**Request:** Architectural Review for rear addition of 1,576 square foot with three new bedrooms, three bathrooms and interior remodel. The proposal will result in a 2,931 square foot single-story residence with five bedrooms, four bathrooms, and an existing two-car garage.

**Project Data**

| **Lot Size**: 7,500 sq. ft. | | | |
|---|---|---|---|
| | **Existing Floor Area (sq. ft.)** | **Proposed Addition (sq. ft.)** | **Proposed Floor (sq.ft.)** |
| **First Floor** | 938 | 1,576 | 2,514 |
| **Second Floor** | n/a | | |
| **Porch covers** | 69 | | 69 |
| **Garage** | 417 | | 417 |
| **Sheds** | n/a | | |
| **Gross Floor Area** | 1,355 | | 2,931 |
| **Lot Coverage** | 1,355/7,500 = 18 | | 2,931/7,500 = 39 |
| **F.A.R.** | .18 | | .39 |
| **% of 2nd floor to 1st floor** | n/a | | |
| **Bedrooms/Baths** | 2/1 | 3/3 | 5/4 |
| **Flood Zone** | X | | X |

*Points for consideration*

- The project includes the construction of a 1,576 square foot addition in the rear with interior remodel to the kitchen, dining, bedrooms and main entrance.
- The project will include a new dining room, kitchen, family room, three new bedrooms, and

three new bathrooms.
- The exterior of the addition would be finished with new stucco and paint to match existing.
- Roof form and new comp shingle roof would match existing.
- 300-foot neighborhood notice was distributed for this project review.
- There are no active code enforcement cases for this property.

**Findings supporting the Staff Recommendation**

1) *That any off-street parking area, screening strips and other facilitates and improvements necessary to secure the purpose and intent of this title and the general plan of the City area a part of the proposed development, in that;*
    - The proposal provides the required two covered parking spaces.
    - The required parking spaces are not located in the required front yard or side yard landscaped areas.
    - The proposed project provides areas surfaced with all-weather materials for parking of vehicles.

2) *That the design and location of the proposed development and its relation to neighboring developments and traffic is such that it will not impair the desirability of investment or occupation in the neighborhood, will not unreasonably interfere with the use and enjoyment of neighboring developments, and will not create traffic congestion or hazard, in that;*
    - The proposed house expansion resulting in three additional bedrooms and three additional bathrooms would not create traffic congestion or hazards.
    - Public streets are adequate in size and design to serve the proposed single-family residence, and the use will not create a substantive increase in traffic.

3) *That the design and location of the proposed development is such that it is in keeping with the character of the neighborhood and is such as not to be detrimental to the harmonious development contemplated by this title and the general plan of the City, in that;*
    - The proposed development is a one-story home that is consistent with the scale and design similar to that of the existing surrounding neighborhood.

4) *That the granting of such approval will not, under the circumstances of the particular case, materially affect adversely the health, comfort or general welfare of persons residing or working in the neighborhood of said development, and will not be materially detrimental to the public welfare or injuries to property or improvements in said neighborhood, in that;*
    - The project is subject to the California Building Code and City Code requirements, which serve to regulate new construction to protect public health, safety and general welfare.

5) *That the proposed development, as set forth in the plans and drawings, are consistent with the set of more detailed policies and criteria for architectural review as approved and updated from time to time by the City Council, which set shall be maintained in the planning division office. The policies and criteria so approved shall be fully effective and operative to the same extent as if written into and made a part of this title, in that;*
    - The project would create a house design that is compatible scale and character with the

housing types that are typical in the neighborhood.

*Conditions of Approval:*

1) Garage shall be maintained clear and free for vehicle parking use at all times. It shall not be used only for storage.
2) Submit plans for final architectural review to the Planning Division and obtain architectural approval prior to issuance of building permits. Said plans to include, but not be limited to: site plans, floor plans, elevations, landscaping, lighting and signage.
3) Landscaping installation shall meet City water conservation criteria in a manner acceptable to the Director of Community Development.
4) Maintain the front yard landscaping between the house and sidewalk. New landscape areas of 500 square feet or more or rehabilitated landscape areas of 2,500 square feet or more shall conform to the California Department of Water Resources Water Efficient Landscape Ordinance.
5) The applicant shall plant and maintain a street tree in the front yard.
6) Developer/Owner is responsible for collection and pick-up of all trash and debris on-site and adjacent public right-of-way.
7) Construction activity shall be limited to the hours of 7:00 a.m. to 6:00 p.m. weekdays and 9:00 a.m. to 6:00 p.m. Saturdays for projects within 300 feet of a residential use and shall not be allowed on recognized State and Federal holidays.
8) Incorporate Best Management Practices (BMPs) into construction plans and incorporate post construction water runoff measures into project plans in accordance with the City's Urban Runoff Pollution Prevention Program standards prior to the issuance of permits.

## ENVIRONMENTAL REVIEW

Categorical Exemption per CEQA 15301(e)(1), Existing Facilities

## FISCAL IMPACT

There is no impact to the City for processing the requested application other than administrative staff time and expense typically covered by processing fees paid by the applicant.

## PUBLIC CONTACT

On October 23, 2020, a notice of public hearing of this item was mailed 300 feet of the project site and mailed to property owners within 300 feet of the project site. Planning Staff has not received public comments for this application.

## RECOMMENDATION

**Approve** the proposed addition for the property located at 3256 El Sobrante Street, subject to conditions.

Prepared by: Steve Le, Associate Planner, Community Development Department
Approved by: Gloria Sciara, Development Review Officer, Community Development Department

## ATTACHMENTS

1. Development Plan

# MS. MEI CARPENTER RESIDENCE RENOVATION

## 3256 EL SORBRANTE ST., SANTA CLARA, CA 95051-3722

## ARCHITECTURAL REVIEW

## GENERAL NOTES

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTORS TO CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS INDICATED ON THESE DRAWINGS AND MAKE KNOWN ANY DISCREPANCIES PRIOR TO COMMENCING THEIR WORK.
2. THESE DRAWINGS ARE INTENDED FOR USE IN A NEGOTIATED CONSTRUCTION CONTRACT AND, THEREFORE, MAY NOT SPECIFICALLY DETAILS OR SPECIFY MATERIALS AND/OR MANUFACTURERS.
3. THE CONTRACTOR SHALL PROVIDE ALL SAMPLES AND/OR CUT-SHEETS AS REQUIRED TO ASSIST OWNER OR HIS AGENT IN MAKING MATERIAL SELECTIONS.
4. FOR THE PURPOSE OF ESTIMATING, THE CONTRACTORS SHALL USE THE MATERIALS SELECTED BY THE OWNER, OR IN ABSENCE OF SAME, HE SHALL PROVIDE AN ALLOWANCE AMOUNT AND SO CONDITION ANY COST ESTIMATE.
5. ALL MATERIALS SPECIFIED IN THESE DRAWINGS SHALL BE INCLUDED IN SUCH ESTIMATE.
6. NO GUARANTEE OF QUALITY OF CONSTRUCTION IS IMPLIED OR INTENDED BY THE CONSTRUCTION DOCUMENTS, AND THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY OR ALL CONSTRUCTION DEFICIENCIES.
7. THE GENERAL CONTRACTOR SHALL HOLD HARMLESS, INDEMNIFY AND DEFEND THE DESIGNER/ARCHITECT FROM ANY ACTION INITIATED BY THE INITIAL OWNER OR ANY SUBSEQUENT OWNERS FOR CONSTRUCTION DEFICIENCIES, MODIFICATIONS OR SUCH CONDITIONS WHICH MAY BE BEYOND THE CONTROL OF THE ARCHITECT.
8. ALL WORK SHALL COMPLY WITH APPLICABLE CODES AND TRADE STANDARDS WHICH GOVERN EACH PHASE OF WORK, INCLUDING BUT NOT LIMITED TO CALIFORNIA BUILDING CODE (CBC), CALIFORNIA MECHANICAL CODE (CMC), NATIONAL ELECTRICAL CODE (NEC), CALIFORNIA PLUMBING CODE (CPC), AND ALL APPLICABLE LOCAL CODES AND LEGISLATION.
9. THE CONTRACTOR SHALL REVIEW AND RECORD THE CONDITIONS OF ALL EXISTING SITE IMPROVEMENTS INCLUDING PAVED AREAS, HE SHALL MAKE KNOWN ALL EXISTING DAMAGED OR DISREPAIRED ITEMS AND CONDITIONS THAT MAY WORSEN DUE TO THE CONSTRUCTION.
10. ALL ITEMS IN GOOD CONDITION SHALL BE MAINTAIN IN THEIR PRESENT CONDITION AND ANY REPAIR OR DAMAGE WHICH OCCURS DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
11. CONTRACTOR SHALL THOROUGHLY EXAMINE THE SITE AND SATISFY HIMSELF AS OF THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED.
12. THE CONTRACTOR SHALL VERIFY AT THE SITE ALL MEASUREMENTS AFFECTING HIS WORK AND SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF SAME.
13. NO EXTRA COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR THE EXPENSES DUE TO HIS NEGLECT TO EXAMINE OR FAILURE TO DISCOVER CONDITIONS WHICH MAY AFFECT HIS WORK.
14. ALL NEW INTERIOR PAINT COLOR, FLOOR, WALLS AND CEILING FINISHES SHALL BE SELECTED BY OWNER AT THE TIME WHEN IT IS NECESSARY FOR THE COMPLETION OF THE PROJECT.
15. ALL PUBLIC IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST ADOPTED CITY STANDARDS.
16. THE STORING OF GOODS AND MATERIALS ON SIDEWALK AND/OR STREET WALL NOT BE ALLOWED UNLESS THE CONTRACTOR HAS APPLIED AND SECURED A SPECIAL PERMIT WHICH ALLOWS SUCH STORAGE TO BE PLACED.
17. GENERAL CONTRACTOR AND OWNER ARE REQUIRED TO SIGN THE STRUCTURAL SPECIAL INSPECTION FORM OF THE EXPOXY HOLDOWN ANCHOR BOLTS BEFORE THE BUILDING PERMIT IS ISSUED BY CITY.
18. THE LIST OF DEFERRED ITEMS WILL PROVIDED ON THE COVER SHEET. THE DEFERRED ITEMS SHALL NOT BE CONSTRUCTED OR INSTALLED UNTIL REVIEWED AND APPROVED BY CITY.
19. UNDER SPECIAL INSPECTION TITLE ALL WORK REQUIRING SPECIAL INSPECTION PER 2016 CBC CHAPTER 17. ALL WORK REQUIRING INSPECTIONS MUST BE DONE BY CERTIFIED INSPECTION AGENCY.
20. RETROFIT HOLDOWN ANCHORS MAY BE INSPECTED BY THE ENGINEER OF RECORD. THE EOR SHALL PROVIDE A LETTER TO THE CITY FIELD INSPECTOR AT THE TIME OF HOLDOWN INSPECTION DESCRIBING THE RESULTS OF THE INSPECTION(S).

## SCOPE OF WORK

1. 1ST FL. REMODEL INCLUDES: (E) KITCHEN, (E) DINING, (E) BEDROOM #1, (E) BEDROOM #2 AND ENLARGE MAIN ENTRANCE.
2. 1ST FL. ADDITION INCLUES: (N) DINING, (N) KITCHEN, (N) FAMILY ROOM, (N) LAUNDRY, (N) BEDROOM #3, (N) BEDROOM #4 AND (N) M. BEDROOM.
3. KEEP EXISTING COMP. SHINGLE ROOF AND NEW COMP. SHINGLE ROOF FOR ADDITION. ADD 8 2'X4' SKYLIGHTS AND THE MATERIAL AND COLOR TO MATCH EXISTING.
4. NEW EXTERIOR FINISHED STUCCO AND PAINT FOR NEW ADDITION TO MATCH EXISTING.
5. RELATED ELECTRICAL, MECHANICAL AND PLUMBING WORK.
6. (E) GAS METER TO REMAIN AND (E) ELECTRICAL METER UPGRADE TO 200 AMP.
7. (N) FURNACE @ ATTIC AND (N) AC @REAR YARD.
8. (E) TANK WATER HEATER @ GARAGE TO KEEP.

## SYMBOLS

- A — COLUMN GRID LINE NO.
- NO / A.X — SECTION NO. / SECTION SHEET NO.
- NO / A.X — ELEVATION NO. / ELEVATION SHEET NO.
- NO / A.X — DETAIL NO. / DETAIL SHEET NO.
- 1 — REVISION NO.
- E — EXISTING DOOR
- NO / A | 1 — DOOR NO. / DOOR SCHEDULE / DOOR TYPE
- NO / A.X — INTERIOR ELEVATIONS INDICATOR
- RM. / FL. — ROOM NAME / FLOOR FINISH

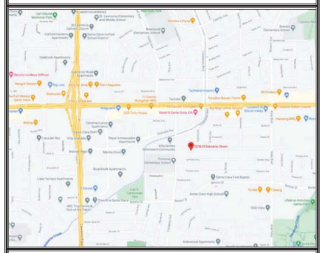
## BLDG DATA

| | | |
|---|---|---|
| SITE AREA: | 0.172 | ACRES |
| | 7,500 | SQ. FT. |
| EXISTING BUILDING FLOOR AREA | | |
| FLOOR AREA: 1st FL | 938 | SQ. FT. |
| FRONT PATIO (UNCONTED) | 69 | SQ. FT. |
| GARAGE (COUNTED) | 417 | SQ. FT. |
| TOTAL EXISTING FLOOR: | 1,355 | SQ. FT. |
| PROPOSED ADDITION FLOOR AREA: | | |
| ADDITIO AREA: (REAR) | 1,576 | SQ. FT. |
| TOTAL PROPOSED FLOOR | 1,576 | SQ. FT. |
| MAX. ALLOWED FLOOR AREA 7,500 X 40% = | 3,000 | SQ. FT. |
| TOTAL FLOOR AREA (GARAGE INCLUDED) | | |
| EXISTING FRONT COVERED PATIO: | 69 | SQ. FT. |
| ADDITIO AREA: (REAR) | 1,576 | SQ. FT. |
| 1,355 + 1,576 = | 2,931 | SQ. FT. |
| F.A.R.: 2,931 / 7,500 | 39.08 | % < 45% |
| EXISTING FRONT PORCH | 69 | SQ. FT. |
| COVERAGE: (2,931+69) / 7,500 | 40 | % = 40% |
| LANDSCAPE AREA: | 4,500 | SQ. FT. |
| LANDSCAPING COVERAGE: | 60 | % |
| APN: | 290-19-074 | |
| ZONE: | R-0 | |
| OCCUPANCY: | R-3 | |
| CONSTRUCTION TYPE: | V-B | |
| STORY (IES): | 1 | |
| AUTO. FIRE SPRINKLER: | NO | |

DESIGN COMPLY WITH :

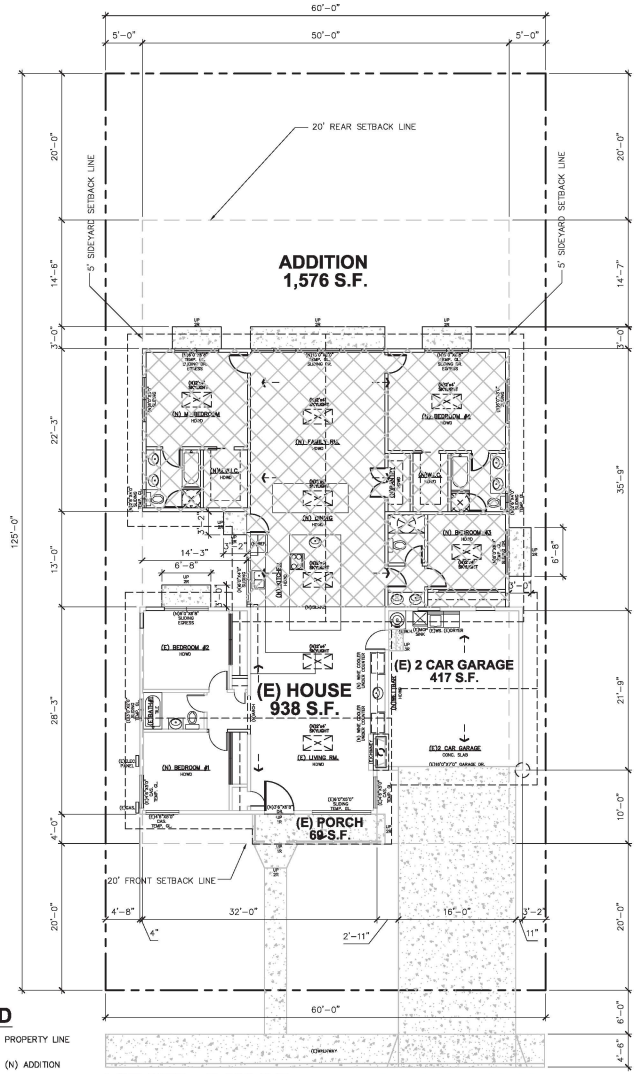
SANTA CLARA CITY MUNICIPAL CODE.
2019 CBC Ed.
2019 CRC Ed.
2019 CFC Ed.
2019 CMC Ed.
2019 CPC Ed.
2019 CALIFORNIA ELECTRICAL CODE Ed.
2019 CALIFORNIA TITLE 24 ENERGY STANDARDS
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE Ed.

## VICINITY MAP



## SHEET INDEX


| | |
|---|---|
| ARCHITECTURAL | |
| A1.1 | TITLE SHEET & (N) SITE PLAN |
| A1.2 | (E) SITE PLAN & (N) SITE PLAN |
| A2.0 | FLOOR AREA CAL. |
| A2.1 | (E) 1st FLOOR PLAN |
| A2.2 | (N) 1st FLOOR PLAN |
| A3.1 | (E) & (N) FRONT ELEVATIONS |
| A3.2 | (E) & (N) REAR ELEVATIONS |
| A3.3 | (E) & (N) LEFT ELEVATIONS |
| A3.4 | (E) & (N) RIGHT ELEVATIONS |
| A3.5 | (E) & (N) ROOFS |


**LEGEND**

- PROPERTY LINE
- (N) ADDITION

**LOT SIZE = 7,500 S.F.**

**EL SOBRANTE ST.**

**SITE PLAN**
SCALE : 1/8" = 1'-0"

NORTH
ELEV. REF.

CONTRACTOR:
T.B.D.


DRAFTER
JACK LIN
CELL: (408) 218-0587
EMAIL: fu3334@yahoo.com
Jack Lin

OWNER:
MS. MEI CARPENTER
TEL: (415) 640-1666
EMAIL:
ms.mei.carpenter@gmail.com


**MS. MEI CARPENTER RES.**
**3256 EL SOBRANTE ST.**
**SANTA CLARA, CA 95051-3722**

**TITLE SHEET & SITE PLAN**

DATE: 06/18/20
JOB NO.

ISSUE & REVISION

| | 09/15/20 | ARCH. REVIEW |
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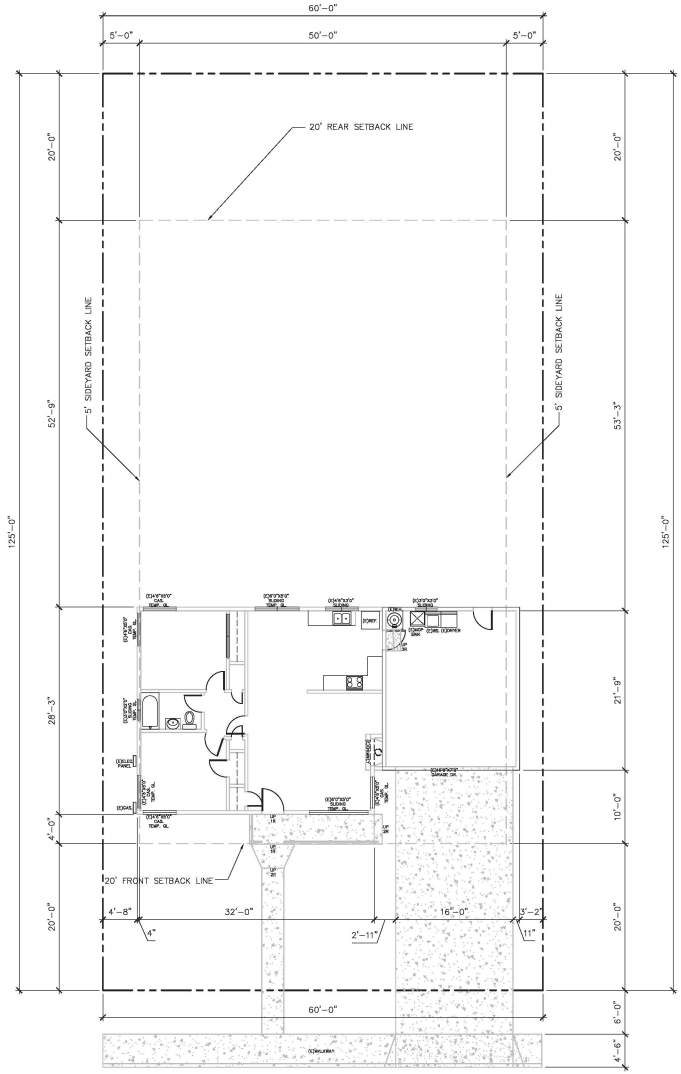
SHEET NO.
**A1.1**

DRAWN BY: JL

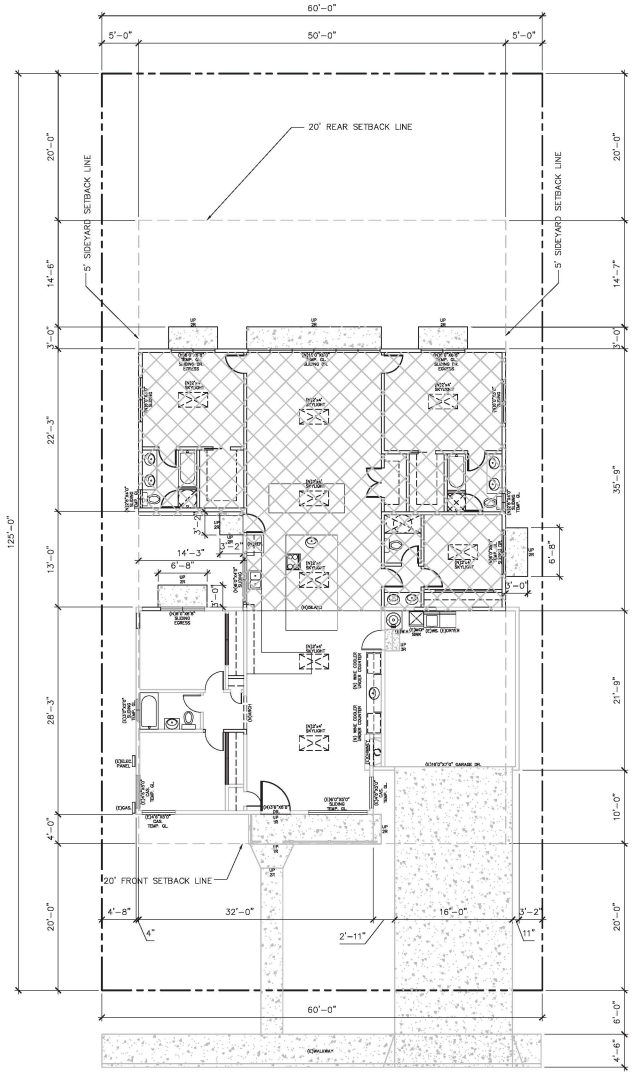



## LEGEND

PROPERTY LINE

## (E) SITE PLAN

SCALE : 1/8" = 1'-0"




## LEGEND

PROPERTY LINE

(N) ADDITION

## (N) SITE PLAN

SCALE : 1/8" = 1'-0"

CONTRACTOR:

**T.B.D.**

DRAFTER

JACK LIN

CELL: (408) 218-0587

EMAIL: fu333@yahoo.com

*Jack Lin*

OWNER:

MS. MEI CARPENTER

TEL: (415) 640-1666

EMAIL:

ms.mei.carpenter@gmail.com

# MS. MEI CARPENTER RES.

**3256 EL SOBRANTE ST.**

**SANTA CLARA, CA 95051-3722**

## (E) SITE PLAN & (N) SITE PLAN

DATE: 06/18/20

JOB NO.

ISSUE & REVISION

| | | |
|---|---|---|
| | 09/15/20 | ARCH. REVIEW |
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SHEET NO.

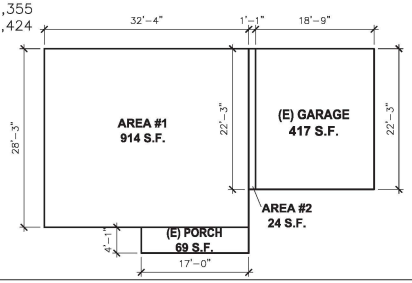
**A1.2**

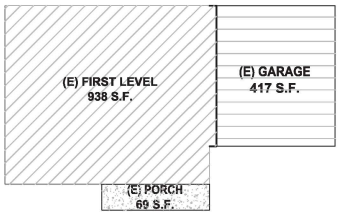
DRAWN BY: JL

## DEMOLITION NOTES

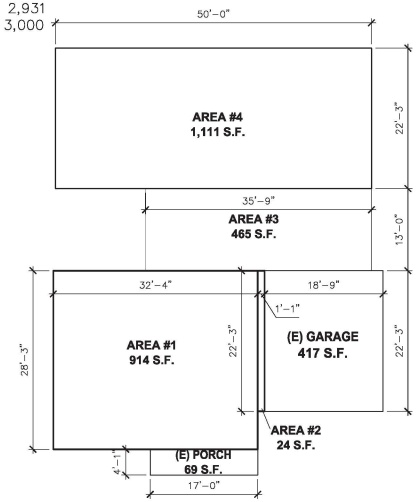
1. THE GENERAL CONTRACTOR SHALL FURNISH ALL LABOR AND MATERIALS AS REQUIRED TO COMPLETE DEMOLITION AND REMOVAL OF ALL ITEMS INDICATED ON RC USA DRAWINGS OR AS OTHERWISE DIRECTED BY THE OWNER.
2. THE CONTRACTOR TO VIEW AND VERIFY ACTUAL CONDITIONS AT ALL LOCATIONS WHERE ALTERATIONS TO THE EXISTING BUILDING OCCUR. WHEN WALLS, PARTITIONS, AND OTHER WORK EXISTS WHERE NEW WORK IS INDICATED, ALL SUCH EXISTING WORK SHALL BE REMOVED. VERIFY ALL SUCH CONDITIONS AT THE SITE.
3. THE CONTRACTOR SHALL REPORT TO RC USA ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE AFFECT OR PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK OF THIS CONTRACT.
4. THE GENERAL CONTRACTOR SHALL EXECUTE ALL WORK WITHIN THE REGULATIONS OF THE BUILDING FOR DEMOLITION AND REMOVAL OF DEBRIS, INCLUDING OVERTIME WORK REQUIRED.
5. THE GENERAL CONTRACTOR SHALL AT ALL TIMES PROTECT THE PROPERTY OF THE BUILDING LANDLORD INCLUDING, BUT NOT LIMITED TO FLOOR COVERING, CEILING GRID AND TILE, LIGHT FIXTURES, DOORS, WINDOWS, FRAMES, HARDWARE, CABINETRY, PLUMBING FIXTURES, ELECTRICAL AND AIR CONDITIONING EQUIPMENT, PERIPHERAL ENCLOSURES, ETC.
6. THE GENERAL CONTRACTOR SHALL ERECT ALL NECESSARY PLASTIC DROP CLOTH BARRIERS TO PROTECT ADJACENT BUILDING PROPERTY WHILE DEMOLITION AND CONSTRUCTION ARE IN PROGRESS.
7. THE GENERAL CONTRACTOR SHALL SURVEY ALL EXISTING FINISHED SURFACES TO INCLUDE CORNER BEADS, STOPS, ETC., FOR CHIPS, CRACKS, HOLES, DAMAGED SURFACES, AND ANY OTHER DEFECTS CAUSING AN APPEARANCE DIFFERENT FROM A NEW, FINISHED, INSTALLATION. THESE DEFECTIVE SURFACES SHALL BE REPAIRED OR, IF BEYOND REPAIR, THE GENERAL CONTRACTOR SHALL REMOVE ALL EXISTING AND INSTALL NEW SURFACES TO THE SATISFACTION OF TSCGI AND THE OWNER.
8. THE GENERAL CONTRACTOR SHALL INSPECT ALL EXISTING SURFACES AND WHERE AS A RESULT OF DEMOLITION, FINISHED SURFACES DO NOT ALIGN, THE EXISTING SURFACE SHALL BE CUT AND PATCHED.
9. ALL DAMAGED EXISTING AREAS TO REMAIN AND EXISTING AREAS AFFECTED BY DEMOLITION OR NEW CONSTRUCTION WORK SHOWN ON DRAWINGS SHALL BE PATCHED AS REQUIRED TO MATCH IMMEDIATE EXISTING ADJACENT AREAS IN MATERIAL, FIRE-RATING, FINISH, AND COLOR, UNLESS OTHERWISE NOTED.
10. ALL WORK DEMOLISHED SHALL BE REMOVED FROM THE PREMISES EXCEPT ITEMS TO BE REUSED OR RETURNED TO THE OWNER OR AS OTHERWISE DIRECTED.
11. IN ALL AREAS WHERE DEMOLITION (REMOVAL OF TILE, PARTITIONS, ETC. CAUSES AN UNEVENNESS IN THE SLAB, THE CONTRACTOR SHALL PATCH TO LEVEL THE SLAB TO RECEIVE NEW FINISH FLOORING.
12. ALL EXPOSED LIGHT FIXTURES, WIRING, SWITCHES, CONDUIT, AND METAL MOLDING NOT BEING REUSED SHALL BE REMOVED AND EITHER STORED OR DISPOSED OF BY THE GENERAL CONTRACTOR AS INSTRUCTED BY THE OWNER.
13. THE GENERAL CONTRACTOR SHALL FURNISH A SYSTEM OF TEMPORARY LIGHTS THROUGHOUT THE SPACE UNDER DEMOLITION AS REQUIRED.
14. THE GENERAL CONTRACTOR SHALL CAP OFF BEHIND FINISHED SURFACES ALL PROJECT PLUMBING, FLOOR ELECTRICAL/TELEPHONE OUTLETS, AND ALL OTHER PROJECTING ITEMS THAT ARE BEING ABANDONED.
15. THE GENERAL CONTRACTOR SHALL REMOVE ALL WALL CONDUITS LEFT AFTER WALL DEMOLITION INCLUDING SWITCH BOXES, PLATES, BRIDGES, OR ANY OTHER TELEPHONE OR ELECTRICAL WIRING OR EQUIPMENT. VERIFY WITH TENANT REUSE OF EXISTING CABLING PRIOR TO REMOVAL.
16. ALL "EXISTING TO REMAIN", "EXISTING", "RELOCATED", OR "NEW" ITEMS INSTALLED BY THE GENERAL CONTRACTOR, IN ADDITION TO BEING AMPLY PROTECTED THROUGHOUT THE PERIOD OF CONSTRUCTION, SHALL BE THOROUGHLY CLEANED TO THE SATISFACTION OF TSCGI PRIOR TO BEING TURNED OVER TO THE OWNER.
17. REFER TO ENGINEERING DRAWINGS FOR REMOVAL AND/OR RELOCATION IF REQUIRED OF HAVOC DUCTS, DIFFUSERS, SPRINKLER HEADS, EXIT LIGHTS, ETC.
18. SOME DOORS AND FRAMES TO BE REMOVED SHALL BE RETURNED TO OWNER. HANDLE CAREFULLY AND STORE ON SITE.

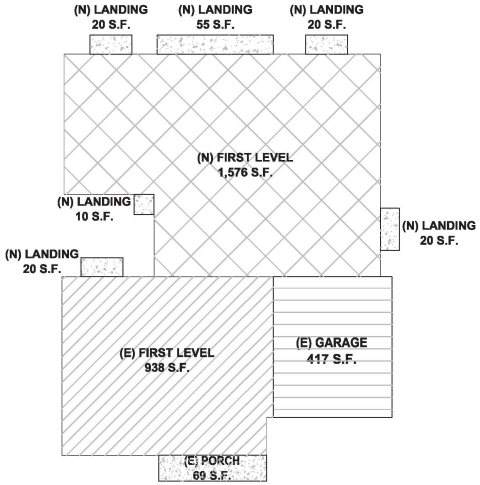
A#1 + A#2 + 417 = 1,355
914 + 24 + 417 = 1,355
1,355 + 69 (PORCH) = 1,424




A#1 + A#2 + A#3 + A#4 + 417 = 2,931
914 + 24 + 465 + 1,111 + 417 = 2,931
2,931 + 69 (PORCH) = 3,000




# FLOOR AREA CAL. DIAGRAM:

MAX. COVERAGE AREA: 7,500 X 40% = 3,000 S.F.

| | | | |
|---|---|---|---|
| | 938 S.F. | : | EXISTING FIRST LEVEL |
| | 1,576 S.F. | : | NEW FIRST LEVEL ADDITION |
| | 417 S.F. | : | EXISTING GARAGE |
| | 69 S.F. | : | EXISTING PORCH (UNCOUNTED) |
| | 145 S.F. | : | NEW LANDING (UNCOUNTED) |

TOTAL: 2,931 S.F. < 3,000 SF

F.A.R.: 2,931 / 7,500 = 39.08% < 40%
COVERAGE: 3,000 / 7,500 = 40.00% = 40%

## FLOOR AREA CAL. DIAGRAM

SCALE : 1/8" = 1'-0"

CONTRACTOR:
T.B.D.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Jack Lin


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**MS. MEI CARPENTER RES.**
**3256 EL SOBRANTE ST.**
**SANTA CLARA, CA 95051-3722**

**FLOOR AREA CAL.**

DATE: 06/18/20
JOB NO.

ISSUE & REVISION

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SHEET NO.
**A2.0**

DRAWN BY: JL

## WALL LEGEND

EXISTING CONSTRUCTION TO REMAIN

(N) FURRED WALL / COLUMN.

NEW WOOD FRAMING WALL OUT OF 2X4 WOOD STUDS @ 16" O.C. AND IN THE EXTERIOR STUCCO 7/8" MIN. STUCCO O/ METAL LATH O/ TWO LAYERS OF GRADE 'D' BLDG. PAPER O/ PLYWOOD.

NEW 2X4 WOOD STUDS @ 16" O.C. W/ 1/2" THK. GYP. BD. ON THE BOTH SIDES

NEW 2X4 WOOD STUDS @ 16" O.C. W/ 1/2" THK. GYP. BD. ON THE BOTH SIDES USE WONDER BD. OR DUROCK AS BACKING MATERIAL AND WATER PROOFED MATERIAL.

ONE HOUR RATED WALL 2X4 WOOD STUDS @ 16" 5/8" TYPE 'X' GYP. BD. @ GARAGE INTERIOR SIDE.

TEMP. GL. SAFETY GLAZING WINDOW/TEMPERED GLASS

CRAWL ACCESS 18"X24" MIN. (CBC SEC. 1209.1)

ATTIC ACCESS 22"X30" MIN. (CBC SEC. 1209.2)
A HEAD ROOM CLEAR HEIGHT IN A ATTIC AT LEAST 30" AT THE ATTIC ACCESS'

## WINDOW LIGHT / VENT CAL

| | | | VENTILATION | LIGHTING | |
|---|---|---|---|---|---|
| ROOM NAME AND LOCATION | | ROOM SIZE (S.F.) | AREA REQ'D – (4%) OR 5 S.F. MIN. | AREA REQ'D – (8%) OR 10 S.F. MIN. | PROVIDED WINDOW AREA (S.F.) |
| 1st FL. | (E) BEDROOM #1 | | | | |
| 1st FL. | (E) BEDROOM #2 | | | | |
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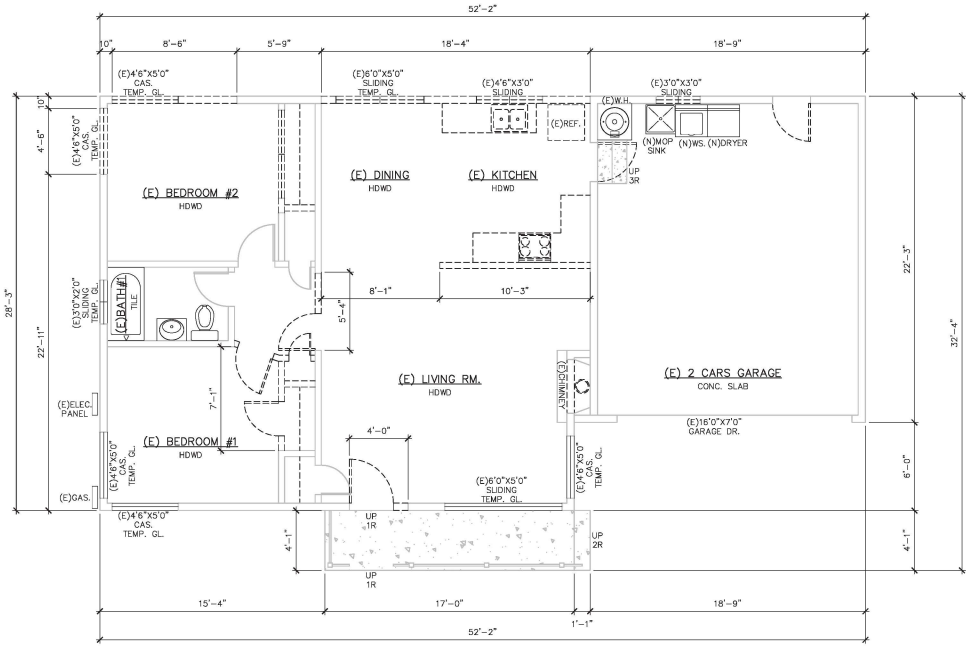


## (E) 1ST FLOOR PLAN

SCALE : 1/4" = 1'-0"

NORTH

CONTRACTOR:

**T.B.D.**


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# MS. MEI CARPENTER RES.

**3256 EL SOBRANTE ST.**
**SANTA CLARA, CA 95051-3722**

**(E) 1st FLOOR PLAN**

DATE: 06/18/20

JOB NO.

ISSUE & REVISION

| | 09/15/20 | ARCH. REVIEW |
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SHEET NO.

**A2.1**

DRAWN BY: JL

## WALL LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- (N) FURRED WALL / COLUMN.
- NEW WOOD FRAMING WALL OUT OF 2X4 WOOD STUDS @ 16" O.C. AND IN THE EXTERIOR STUCCO 7/8" MIN. STUCCO O/ METAL LATH O/ TWO LAYERS OF GRADE 'D' BLDG. PAPER O/ PLYWOOD.
- NEW 2X4 WOOD STUDS @ 16" O.C. W/ 1/2" THK. GYP. BD. ON THE BOTH SIDES
- NEW 2X4 WOOD STUDS @ 16" O.C. W/ 1/2" THK. GYP. BD. ON THE BOTH SIDES USE WONDER BD. OR DUROCK AS BACKING MATERIAL AND WATER PROOFED MATERIAL.
- ONE HOUR RATED WALL 2X4 WOOD STUDS @ 16" 5/8" TYPE 'X' GYP. BD. @ GARAGE INTERIOR SIDE.
- TEMP. GL. — SAFETY GLAZING WINDOW/TEMPERED GLASS
- CRAWL ACCESS 18"X24" MIN. (CBC SEC. 1209.1)
- ATTIC ACCESS 22"X30" MIN. (CBC SEC. 1209.2) A HEAD ROOM CLEAR HEIGHT IN A ATTIC AT LEAST 30" AT THE ATTIC ACCESS"

## WINDOW LIGHT / VENT CAL

| | | VENTILATION | LIGHTING | |
|---|---|---|---|---|
| ROOM NAME AND LOCATION | ROOM SIZE (S.F.) | AREA REQ'D – (4%) OR 5 S.F. MIN. | AREA REQ'D – (8%) OR 10 S.F. MIN. | PROVIDED WINDOW AREA (S.F.) |
| 1st FL. (E) BEDROOM #1 | | | | |
| 1st FL. (E) BEDROOM #2 | | | | |
| 1st FL. (N) BEDROOM #3 | | | | |
| 1st FL. (N) BEDROOM #4 | | | | |
| 1st FL. (N) M. BEDROOM | | | | |
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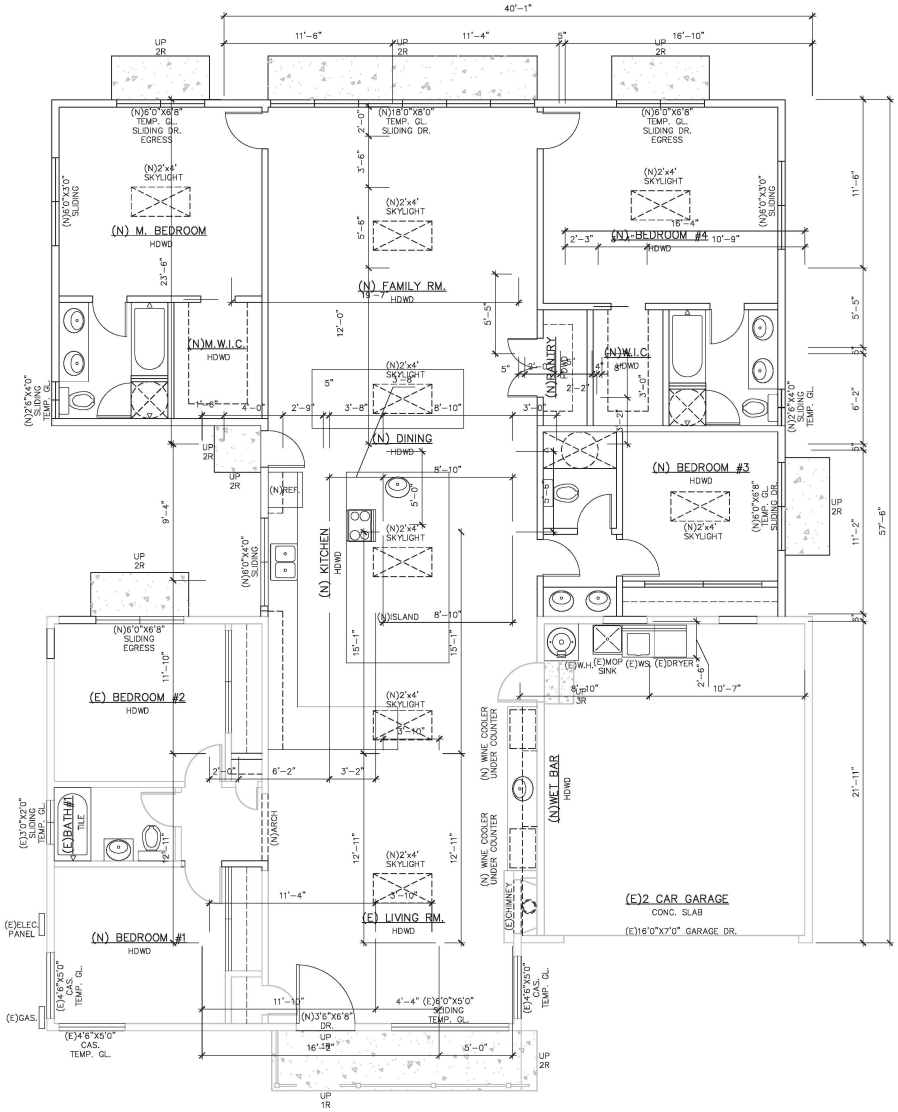


## PROPOSED 1ST FLOOR PLAN

SCALE : 1/4" = 1'-0"

CONTRACTOR:

**T.B.D.**


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Jack Lin



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# MS. MEI CARPENTER RES.

**3256 EL SOBRANTE ST.**
**SANTA CLARA, CA 95051-3722**

**(N) 1st FLOOR PLAN**

DATE: 06/18/20

JOB NO.

ISSUE & REVISION

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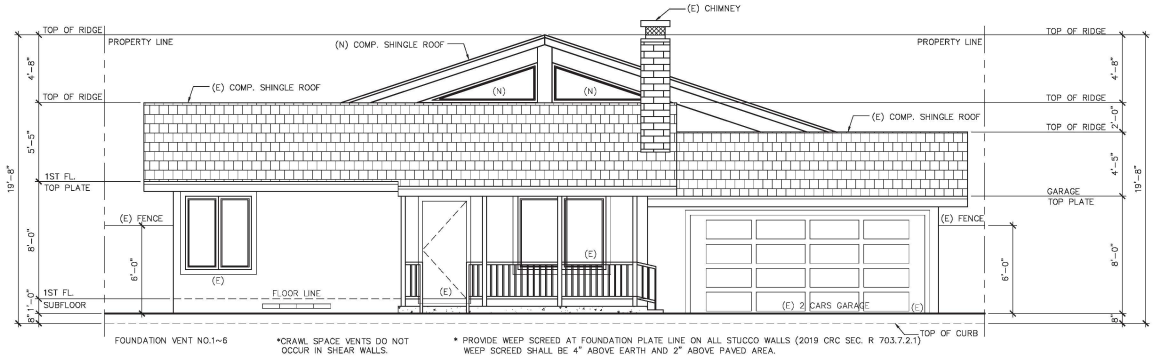
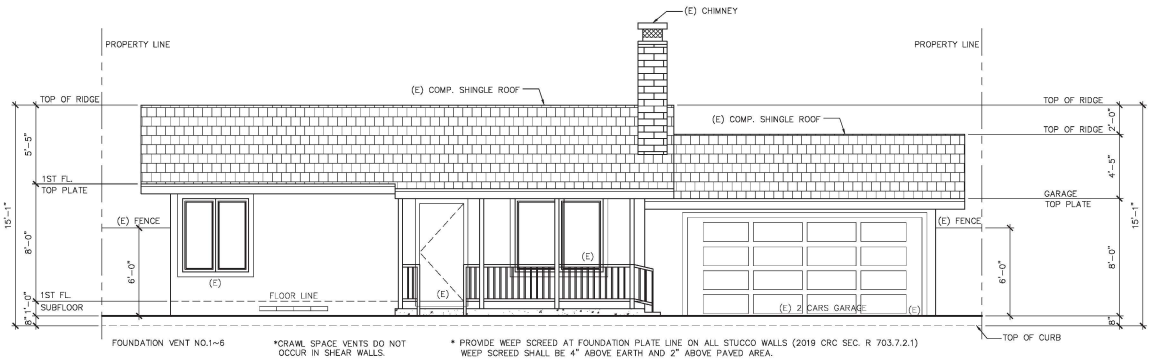
SHEET NO.

**A2.2**

DRAWN BY: JL




**1** 1/4"=1'-0" **(N) NORTH ELEVATION**




**2** 1/4"=1'-0" **(E) NORTHT ELEVATION**

CONTRACTOR:

**T.B.D.**

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# MS. MEI CARPENTER RES.

**3256 EL SOBRANTE ST.**
**SANTA CLARA, CA 95051-3722**

**(E) & (N) FRONT ELEVATIONS**

DATE: 06/18/20
JOB NO.

ISSUE & REVISION

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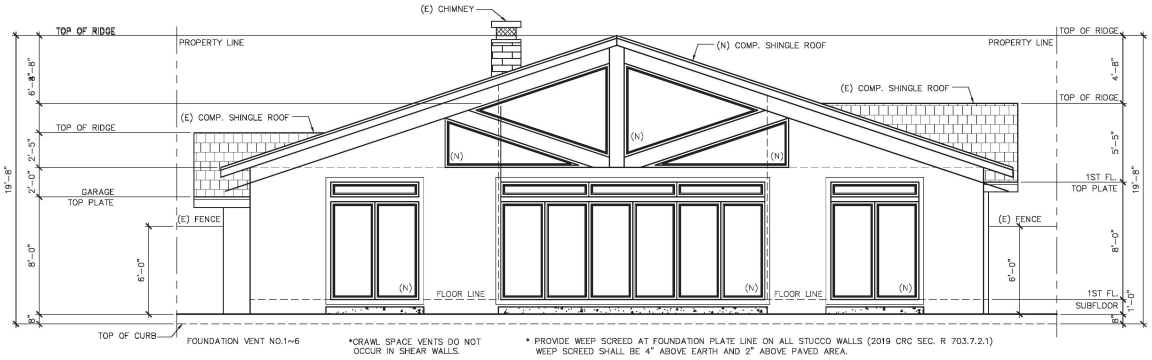
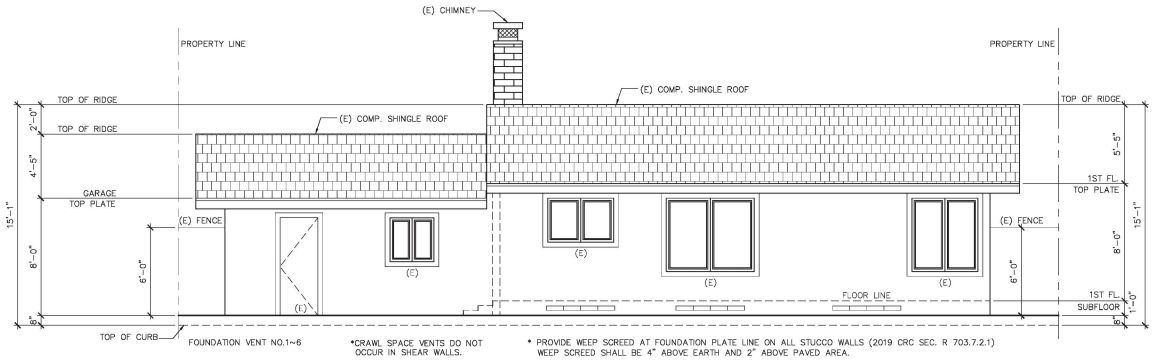
SHEET NO.

**A3.1**

DRAWN BY: JL




**1** 1/4"=1'-0" **(N) SOUTH ELEVATION**




**2** 1/4"=1'-0" **(E) SOUTH ELEVATION**

CONTRACTOR:

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# MS. MEI CARPENTER RES.

## 3256 EL SOBRANTE ST.

## SANTA CLARA, CA 95051-3722

**(E) & (N) REAR ELEVATIONS**

DATE: 06/18/20

JOB NO.

ISSUE & REVISION

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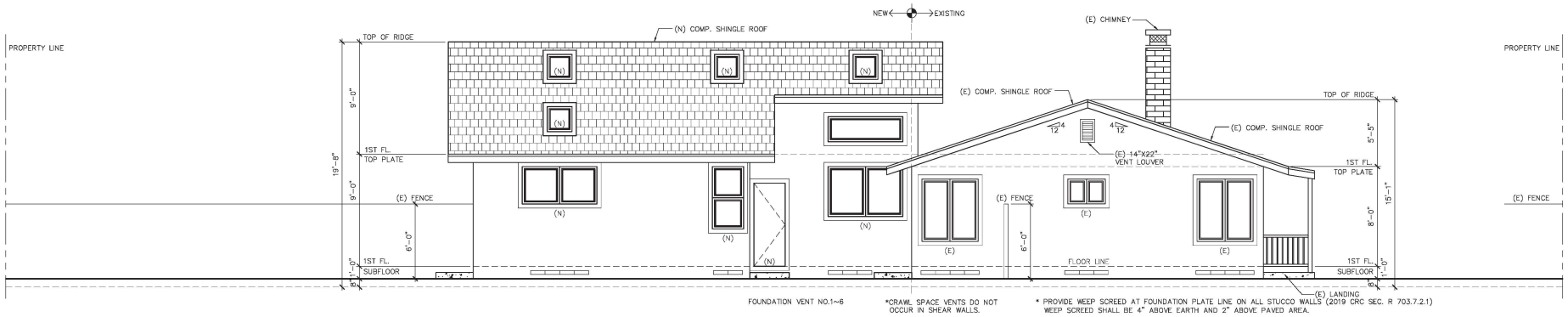
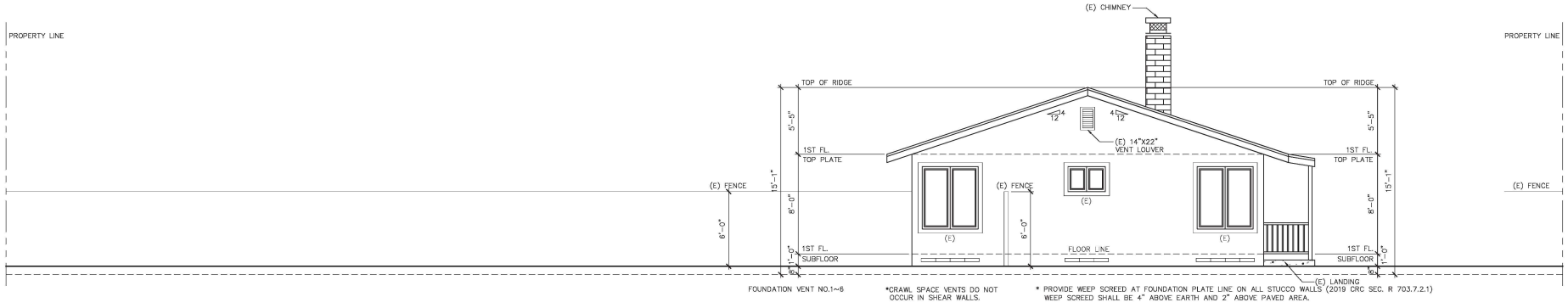
SHEET NO.

**A3.2**

DRAWN BY: JL




**1** (N) EAST ELEVATION
1/4"=1'-0"




**2** (E) EAST ELEVATION
1/4"=1'-0"

CONTRACTOR:
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# MS. MEI CARPENTER RES.
## 3256 EL SOBRANTE ST.
## SANTA CLARA, CA 95051-3722

**(E) & (N) LEFT ELEVATIONS**

DATE: 06/18/20
JOB NO.

ISSUE & REVISION

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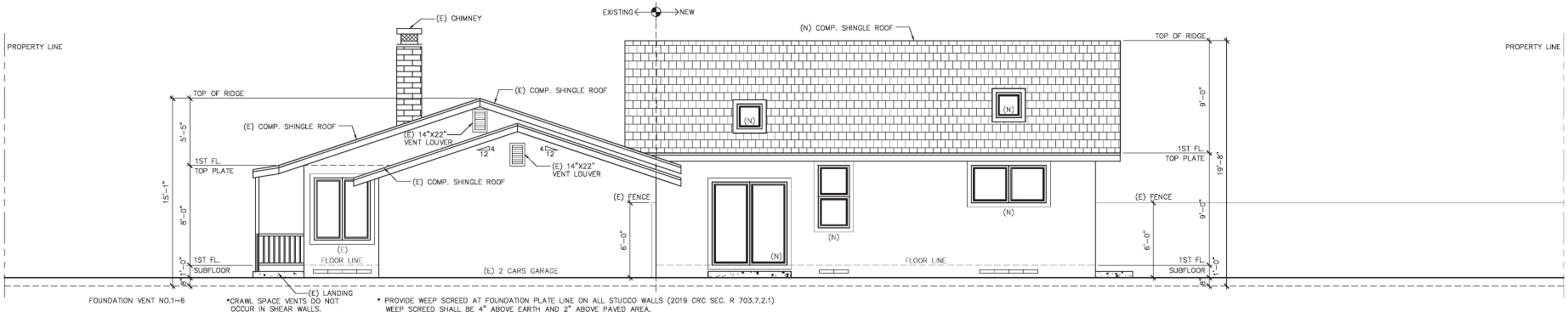
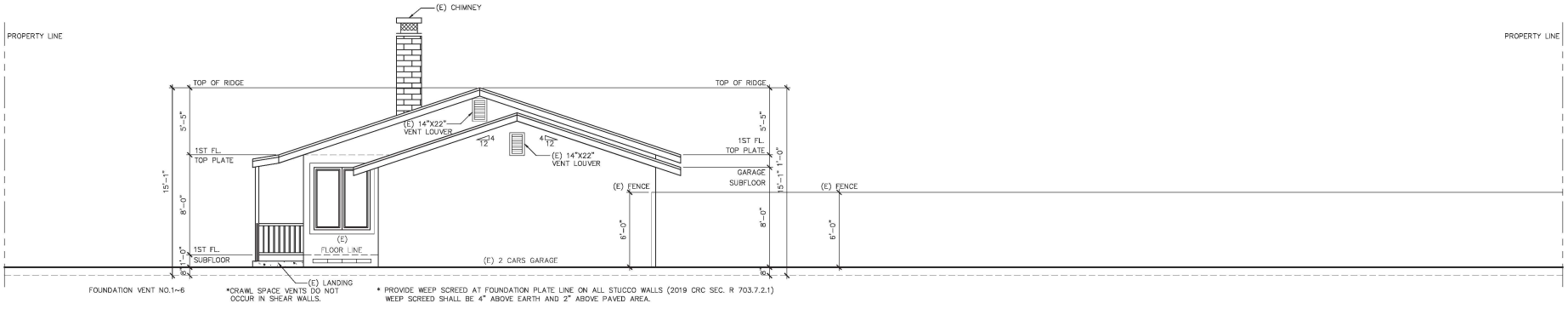
SHEET NO.
**A3.3**

DRAWN BY: JL




**1** 1/4"=1'-0" **(N) WEST ELEVATION**




**2** 1/4"=1'-0" **(E) WEST ELEVATION**

CONTRACTOR:
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# MS. MEI CARPENTER RES.
## 3256 EL SOBRANTE ST.
## SANTA CLARA, CA 95051-3722

**(E) & (N) RIGHT ELEVATIONS**

DATE: 06/18/20
JOB NO.

ISSUE & REVISION

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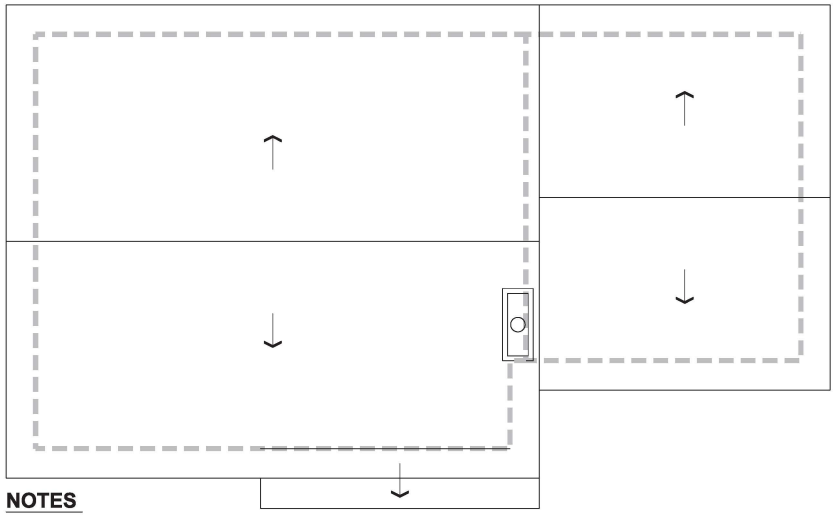
SHEET NO.
**A3.4**

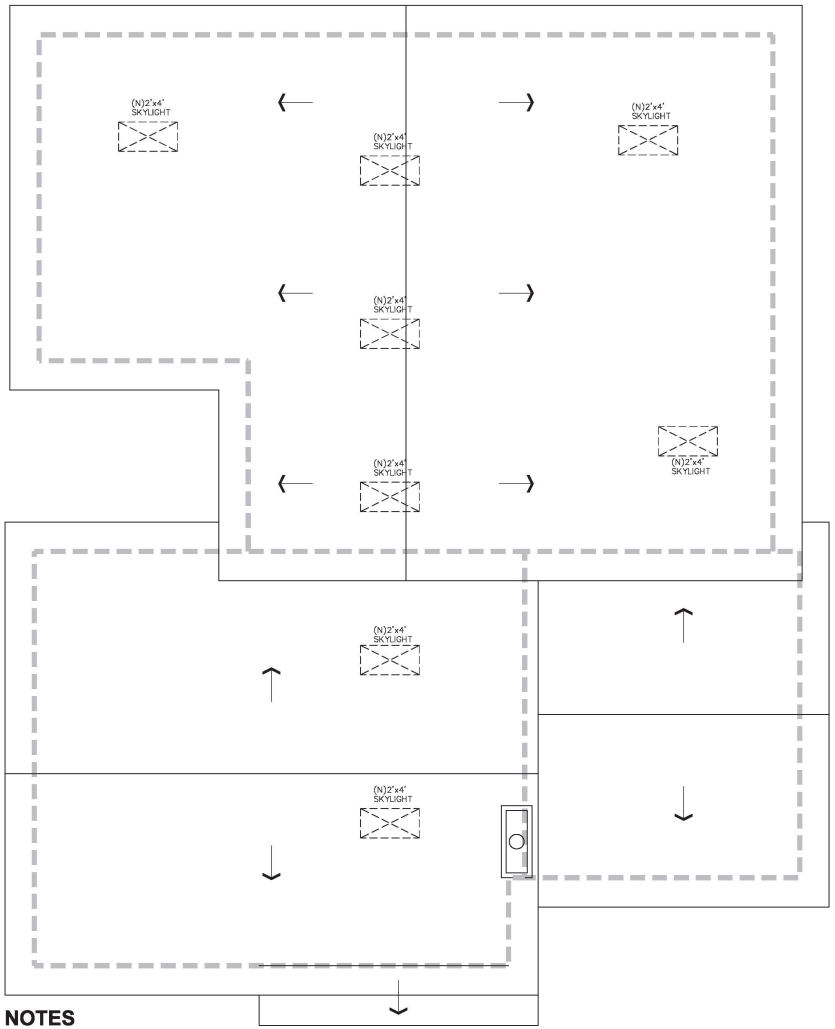
DRAWN BY: JL



## NOTES

* ALL ROOF'S PITCH ARE 4:12.
* ALL ROOF MATERIAL ARE COMP. SHINGLE.

**1** (E) ROOF REF.
N.T.S.




## NOTES

* ALL ROOF'S PITCH ARE 4:12.
* ALL ROOF MATERIAL ARE COMP. SHINGLE.
* ADD EIGHT (N) 2'X4' SKYLIGHTS.

**2** (N) ROOF REF.
1/4"=1'-0"

CONTRACTOR:
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**MS. MEI CARPENTER RES.**
**3256 EL SOBRANTE ST.**
**SANTA CLARA, CA 95051-3722**

**(E) & (N) ROOFS**

DATE: 06/18/20
JOB NO.

ISSUE & REVISION

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SHEET NO.
**A3.5**

DRAWN BY: JL

**20-1045** **Agenda Date: 11/4/2020**

# REPORT TO DEVELOPMENT REVIEW HEARING

## SUBJECT

Action on an addition and remodel at 2725 Warburton Avenue

**File No.(s): PLN2020-14625**
**Location: 2725 Warburton Avenue**, a 5,700 square foot lot located at the north side of Warburton Avenue, 120 feet west of Wade Avenue; APN: 216-06-031; property is zoned Single-family Residential (R1-6L).
**Applicant:** Devendra Deshwal
**Owner:** Almir & Maria Hrnjadovic
**Request:** Architectural Review of a 486 sf first floor addition and a 426 sf second floor addition to an existing 1,577 sf three bedroom, 2.5 bathroom, two-story single family residence resulting in a 2,489 sf four bedroom 3.5 bathroom two-story single family residence with an existing 391 sf attached two-car garage to remain.

**Project Data**

| **Lot Size**: 5,700 sq. ft. | | | |
|---|---|---|---|
| | **Existing Floor Area (sq. ft.)** | **Proposed Addition (sq. ft.)** | **Proposed Floor (sq.ft.)** |
| **First Floor** | 871 | 486 | 1,357 |
| **Second Floor** | 706 | 426 | 1,132 |
| **Porch covers** | 64 | | 64 |
| **Garage** | 391 | | 391 |
| **Sheds** | 73 | | 73 |
| **Gross Floor Area** | 2,105 | | 2,953 |
| **Lot Coverage** | 1,399/5,700 = .2 | | 1,885/5,700 = 32 |
| **F.A.R.** | 2,105/5700 = .37 | | 2,953/5,700 =.52 |
| **% of 2nd floor to 1st floor** | 706/1326 = 53% | | 1132/1885 = 60% |
| **Bedrooms/Baths** | 3/2.5 | 1/1 | 4/3.5 |
| **Flood Zone** | X | | X |

## Points for consideration

- The project includes the construction of a 486 square foot first floor addition in the rear and a new 426 square feet master suite addition to the existing second floor.

- The second story addition has a 3’8” setback from the east side of the first-floor wall and 10 feet setback from the rear of the first-floor wall. These setbacks are consistent with the design guideline to reduce flush and plain wall effect with a two-story residence.
- The new second-story window on the east side is a clerestory window that would maintain privacy for the immediate neighbor to the east.
- The project would also include a new dining room, kitchen, and living room.
- The exterior of the addition would be finished with new stucco and paint to match existing.
- Roof form with a 5:12 pitch and composition shingle material would match existing.
- 300-foot neighborhood notice was distributed for this project review.
- There are no active code enforcement cases for this property.

**Findings supporting the Staff Recommendation**

1) *That any off-street parking area, screening strips and other facilitates and improvements necessary to secure the purpose and intent of this title and the general plan of the City area a part of the proposed development, in that;*
    - The proposal provides the required two covered parking spaces.
    - The required parking spaces are not located in the required front yard or side yard landscaped areas.
    - The proposed project provides areas surfaced with all-weather materials for parking of vehicles.

2) *That the design and location of the proposed development and its relation to neighboring developments and traffic is such that it will not impair the desirability of investment or occupation in the neighborhood, will not unreasonably interfere with the use and enjoyment of neighboring developments, and will not create traffic congestion or hazard, in that;*
    - The proposed house expansion resulting in one additional bedroom and one additional bathrooms would not create traffic congestion or hazards.
    - Public streets are adequate in size and design to serve the proposed single-family residence, and the use will not create a substantive increase in traffic.

3) *That the design and location of the proposed development is such that it is in keeping with the character of the neighborhood and is such as not to be detrimental to the harmonious development contemplated by this title and the general plan of the City, in that;*
    - The proposed development is a two-story home that is consistent with the scale and design similar to the existing surrounding neighborhood.

4) *That the granting of such approval will not, under the circumstances of the particular case, materially affect adversely the health, comfort or general welfare of persons residing or working in the neighborhood of said development, and will not be materially detrimental to the public welfare or injuries to property or improvements in said neighborhood, in that;*
    - The project is subject to the California Building Code and City Code requirements, which serve to regulate new construction to protect public health, safety and general welfare.

5) *That the proposed development, as set forth in the plans and drawings, are consistent with the*

*set of more detailed policies and criteria for architectural review as approved and updated from time to time by the City Council, which set shall be maintained in the planning division office. The policies and criteria so approved shall be fully effective and operative to the same extent as if written into and made a part of this title, in that;*

- The project would create a house design that is compatible scale and character with the housing types that are typical in the neighborhood.

**Conditions of Approval:**

1) Garage shall be maintained clear and free for vehicle parking use at all times. It shall not be used only for storage.
2) Submit plans for final architectural review to the Planning Division and obtain architectural approval prior to issuance of building permits. Said plans to include, but not be limited to: site plans, floor plans, elevations, landscaping, lighting and signage.
3) Landscaping installation shall meet City water conservation criteria in a manner acceptable to the Director of Community Development.
4) Maintain the front yard landscaping between the house and sidewalk. New landscape areas of 500 square feet or more or rehabilitated landscape areas of 2,500 square feet or more shall conform to the California Department of Water Resources Water Efficient Landscape Ordinance.
5) The applicant shall plant and maintain a street tree in the front yard.
6) Developer/Owner is responsible for collection and pick-up of all trash and debris on-site and adjacent public right-of-way.
7) Construction activity shall be limited to the hours of 7:00 a.m. to 6:00 p.m. weekdays and 9:00 a.m. to 6:00 p.m. Saturdays for projects within 300 feet of a residential use and shall not be allowed on recognized State and Federal holidays.
8) Incorporate Best Management Practices (BMPs) into construction plans and incorporate post construction water runoff measures into project plans in accordance with the City's Urban Runoff Pollution Prevention Program standards prior to the issuance of permits.

## ENVIRONMENTAL REVIEW

Categorical Exemption per CEQA 15301(e)(1), Existing Facilities

## FISCAL IMPACT

There is no impact to the City for processing the requested application other than administrative staff time and expense typically covered by processing fees paid by the applicant.

## PUBLIC CONTACT

On October 23, 2020, a notice of public hearing of this item was mailed 300 feet of the project site and mailed to property owners within 300 feet of the project site. Planning Staff has not received public comments for this application.



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## RECOMMENDATION

**Approve** the proposed addition for the property located at 2725 Warburton Avenue, subject to conditions.

Prepared by: Steve Le, Associate Planner, Community Development Department
Approved by: Gloria Sciara, Development Review Officer, Community Development Department

## ATTACHMENTS

1. Development Plan

# ADDITION AND REMODELING OF HOUSE
# 2725, WARBURTON AVE, SANTA CLARA, CA-95051
# APN- 216-06-031

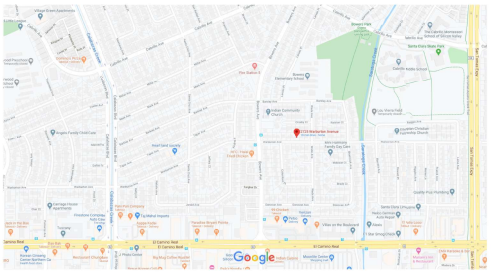
## SCOPE OF WORK

1. ADDITION OF 486 SQ FT AT FIRST FLOOR.
2. ADDITION OF 426 SQ FT FOR MASTER SUITE AT SECOND FLOOR.
3. REMODELING OF KITCHEN AT FIRST FLOOR.

## PROJECT INFORMATION

| | |
|---|---|
| APN | - 216-06-031 |
| ZONING | - R-1-6L RESIDENTIAL SINGLE FAMILY |
| BEDROOMS | - 3 (EXISTING) ; 4 (PROPOSED) |
| BATHROOMS | - 2.5 (EXISTING) ; 3.5 (PROPOSED) |
| GARAGE | - 2 CARS |
| CONSTRUCTION TYPE | - V-B (NON-SPRINKLERED) |
| OCCUPANCY | - R3-U |

## VICINITY MAP



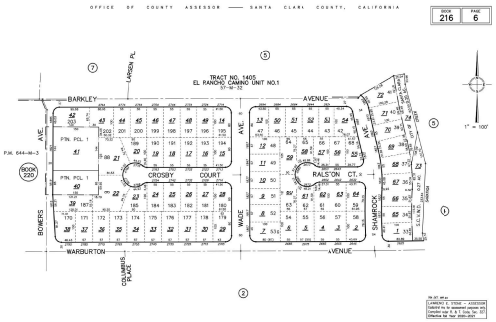
## DRAWING INDEX

A0 - COVER SHEET
A1- EXISTING & PROPOSED SITE PLAN
A2 - EXISTING/DEMOLITION FIRST FLOOR & SECOND FLOOR PLAN
A3 - PROPOSED FIRST FLOOR & SECOND FLOOR PLAN
A4 - EXISTING & PROPOSED FRONT ELEVATIONS
A5 - EXISTING & PROPOSED BACK SIDE ELEVATIONS
A6 - EXISTING & PROPOSED RIGHT SIDE ELEVATIONS
A7- EXISTING & PROPOSED LEFT SIDE ELEVATIONS
A8- EXISTING & PROPOSED ROOFING PLAN
A9- CROSS SECTION A-A FRONT TO BACK
E1 - PROPOSED ELECTRICAL & LIGHTING PLAN
S1 - STRUCTURAL NOTES & DETAILS
S2- FOUNDATION DETAILS & ROOF FRAMING DETAILS
S3 - PROPOSED FOUNDATION PLAN, CEILING/ROOF FRAMING PLAN & DETAILS

## APPLICABLE CODES

2019 California Building Code
2019 California Residencial Code
2019 California Electrical Code
2019 California Mechanical Code
2019 California Plumbing Code
2019 California Green Building Standards Code
2019 California Fire Code
2019 California Energy Code
All applicable local, county & Federal codes, Laws and regulations

## APN MAP




## APPROVAL STAMP

## PROJECT DATA

LOT AREA = 5700 SQ FT
TOTAL COVERED AREA ALLOWED AT FIRST FLOOR - 0.4x5700 = 2280 SQ FT

**EXISTING :**
**FLOOR PLAN :**

| | |
|---|---|
| FIRST FLOOR AREA | = 871 SQ FT |
| SECOND FLOOR AREA | = 706 SQ FT |
| TOTAL | = 1577 SQ FT |
| GARAGE AREA | = 391 SQ FT |
| FRONT PORCH | = 64 SQ FT |
| STORE SHED IN BACKYARD | = 73 SQ FT |
| TOTAL COVERED AREA | = 2105 SQ FT |

**PROPOSED :**
**FLOOR PLAN :**

| | |
|---|---|
| FIRST FLOOR AREA | = 1357 SQ FT |
| SECOND FLOOR AREA | = 1132 SQ FT |
| TOTAL | = 2489 SQ FT |
| GARAGE AREA | = 391 SQ FT |
| STORE SHED IN BACKYARD | = 73 SQ FT |
| TOTAL COVERED AREA | = 2953 SQ FT |

TOTAL COVERED AREA AT FIRST FLOOR = 1821 SQ FT < 2280 SQ FT
TOTAL COVERED AREA AT SECOND FLOOR = 1132 SQ FT
RATIO OF SECOND FLOOR TO FIRST FLOOR AREA = $\frac{1132}{1821}$ = 62.2% < 66%

## GENERAL NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH ADOPTED ORDINANCES AND POLICIES OF THE GOVERNING AGENCY AND THE LATEST ADOPTED ADDITIONS OF THE FOLLOWING 2019 CALIFORNIA RESIDENTIAL AND BUILDING CODE (CBC, CRC), CALIFORNIA ELECTRICAL CODE 2019, CALIFORNIA ENERGY CODE 2019, AND 2019 CALIFORNIA GREEN BUILDING CODE.
- THE CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY EXISTING CONDITIONS AND PROGRESSES OF THE WORK, ALL THE REASONABLE SAFEGUARDS FOR SAFETY AND PROTECTION INCLUDING POSTING DANGER SIGNS AND OTHER WARNINGS AGAINST HAZARDS, PROMULGATING SAFTEY REGULATIONS AND NOTIFYING OWNERS AND USERS OF ADJACENT UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS, GRADES AND OTHER CONDITIONS AND HE SHALL CORRELATE ALL SUCH ITEMS AT THE JOB SITE, HE SHALL REPORT ANY DISCREPANCIES TO THE DESIGNER FOR CLARIFICATION AND/OR CORRECTION PRIOR TO BEGINNING ANY WORK.
- THE CONTRACTOR SHALL BE RESOPNSIBLE FOR WORK AND COORIDINATION OF ALL TRADES AND THE GOVERNING AGENCIES, AND SHALL PROVIDE ALL MATERIALS AND LABOUR SHOWN IN THESE PLANS TO RENDER THE JOB COMPLETE.

CHANGES TO THE PLAN DURING COSTRUCTION OTHER THAN:
1. CABINET CHANGES WHEN NOT BEING SUPPORTED ENTIRELY BY ROOF STRUCTURE.
2. INTERIOR DOOR AND ZERO CLEARENCE FIREPLACE RELOCATION SHOWN ON THE APPROVE PLANS
3. A SINGLE NON BREARING WALL RELOCATION WHEN NOT CREATING AN ADDITIONAL ROOM AND
4. INTERIOR NON - STRUCTURAL WALL FINISHES;

SHALL CAUSE PLANS APPROVAL AND CONSTRUCTION TO BE SUSPENDED, A NEW PLAN CHECK ( FOR THE NEW PLAN CHNAGES ) WILL BE SUBMITTED FOR REVIEW AND APPROVAL THROUGH THE COMMON PLAN CHECK PROCESS.

**CALGREEN NOTES:**
PER CALIFORNIA CIVIL CODE ARTICLE 1101.4 AND CALGREEN SECTION 301.1 FOR ALL BUILDING ALTERATIONS OR IMPROVEMENTS TO A SINGLE FAMILY RESIDENCIAL PROPERTY , EXISTING PLUMBING FIXTURES IN THE ENTIRE HOUSE THAT DO NOT MEET COMPLAINT FLOW RATES WILL NEED TO BE UPGRADED. WATER CLOSETS WITH A FLOW RATE IN EXCESS OF 1.6gpf WILL NEED TO BE REPLACED WITH WATER CLOSETS WITH A MAXIMUM FLOW RATE OF 1.28 gpf. SHOWER HEADS WITH A FLOW GREATER THAN 2.5gpm WILL NEED TO BE REPLACED WITH A MAXIMUM 1.8 gpm @80 psi SHOWER HEAD. LAVATORY AND KITCHEN FAUCETS WITH A FLOW RATE GREATER THAN 2.2 gpm WILL NEED TO BE REPLACED WITH A FAUCET WITH MAXIMUM FLOW RATE OF 1.2 gpm @60 psi ( OR 1.8 gpm @60 psi FOR KITCHEN FAUCETS)

OWNER :-
ALMIR HRNJADOVIC & MARIA HRNJADOVIC

DESIGNER

**UNICORN STRUCTURES**
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Email:- dsdeshwal@gmail.com
Phone:- 408-318-1053


LICENSED PROFESSIONAL ENGINEER DEVENDRA SINGH DESHWAL C 89732 STATE OF CALIFORNIA

| REVISIONS | | |
|---|---|---|
| NUMBER | DATE | DESCRIPTION |

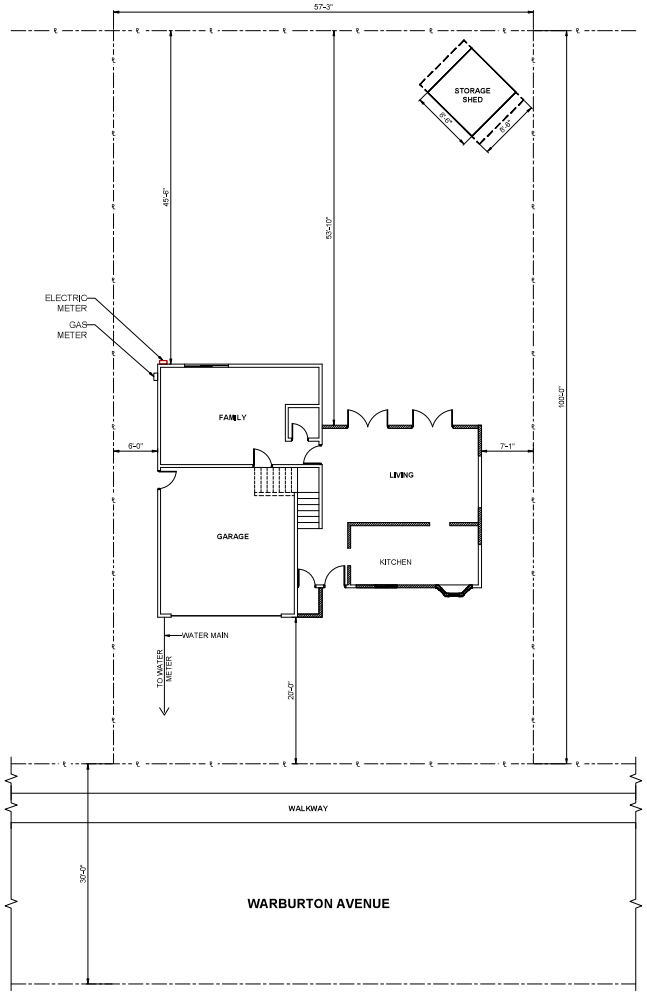
PROJECT : 2725, WARBURTON AVE, SANTA CLARA

SHEET TITLE:- COVER SHEET

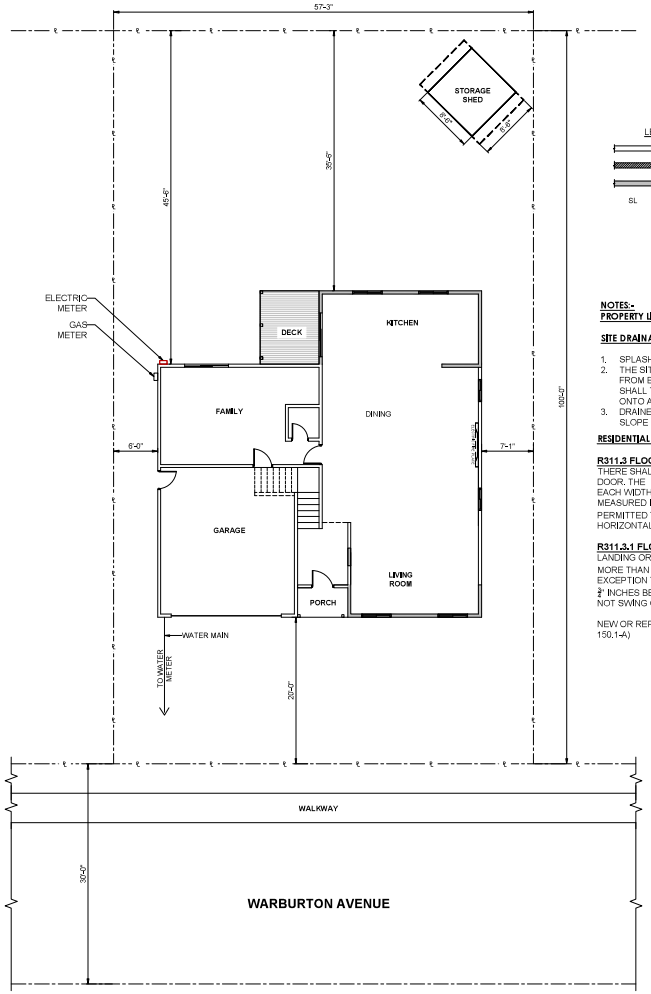
DATE 09/11/2020

SCALE NOT TO SCALE

SHEET A-0




**EXISTING SITE PLAN**
SCALE:- 1/8" = 1'-0"




**PROPOSED SITE PLAN**
SCALE:- 1/8" = 1'-0"

N

LEGEND

- EXISTING WALL TO BE REMAIN
- EXISTING WALLS TO BE REMOVED
- PROPOSED / NEW WALL
- SL — SLIDING DOOR/WINDOW

**NOTES:-**
**PROPERTY LINE DIMENSIONS ARE TAKEN FROM THE APN MAP**

**SITE DRAINAGE & GRADING NOTES**

1. SPLASH BLOCK TO BE PLACED BELOW EACH DOWN SPOUT.
2. THE SITE SHOULD BE FINE GRADED TO PROVIDE MIN. 5% SLOPE AWAY FROM BUILDING PERIMETER & ADJACENT PROPERTY LINES. IN NO CASE SHALL THE FINISH GRADING RESULT IN AN INCREASE IN SHEET FLOW ONTO ADJACENT PROPERTIES.
3. DRAINED WATER TO BE DIRECTED TO THE LANDSCAPED AREA AT A SLOPE OF 2%.

**RESIDENTIAL LANDINGS & THRESHOLDS SECTIONS R311.3 & R311.7.6**

**R311.3 FLOORS AND LANDING AT EXTERIOR DOORS:**
THERE SHALL BE A LANDING OR FLOOR ON EACH SIDE OF EACH EXTERIOR DOOR. THE LANDING SHALL NOT BE LESS THAN THE DOOR SERVED. EVERY EACH WIDTH OF LANDING SHALL HAVE A MINIMUM DIMENSION OF 36 INCHES MEASURED IN THE DIRECTION OF TRAVEL. EXTERIOR LANDING SHALL BE PERMITTED TO HAVE A SLOPE NOT TO EXCEED ¼ UNIT VERTICAL IN 12 UNITS HORIZONTAL (2PERCENT)

**R311.3.1 FLOOR ELEVATIONS AT REQUIRED EGRESS DOORS:**
LANDING OR FLOORS AT THE REQUIRED EGRESS DOORS SHALL NOT BE MORE THAN 1 ½ INCHES LOWER THAN THE TOP OF THE THRESHOLD. EXCEPTION THE EXTERIOR LANDING OR FLOOR SHALL NOT BE MORE THAN 7 ¾" INCHES BELOW THE TOP OF THE THRESHOLD PROVIDED THE DOOR DOES NOT SWING OVER THE LANDING OR FLOOR.

NEW OR REPLACED WINDOWS, WINDOWS U FACTOR OF 0.32 (CENC TABLE 150.1-A)

OWNER :-
ALMIR HRNJADOVIC & MARIA HRNJADOVIC

DESIGNER
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LICENSED PROFESSIONAL ENGINEER
DEVENDRA SINGH DESHWAL
C 89732
STATE OF CALIFORNIA

| REVISIONS | | |
|---|---|---|
| NUMBER | DATE | DESCRIPTION |
| | | |

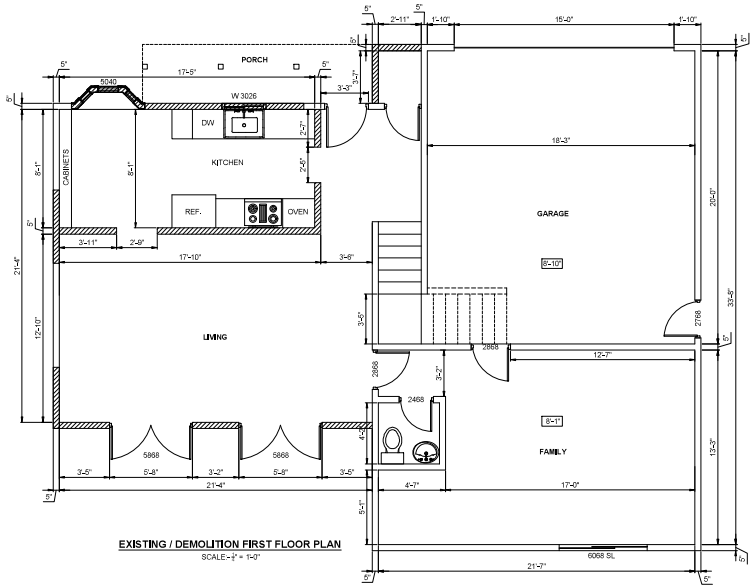
PROJECT :
2725, WARBURTON AVE, SANTA CLARA

SHEET TITLE:-
EXISTING & PROPOSED SITE PLAN

DATE
09/11/2020

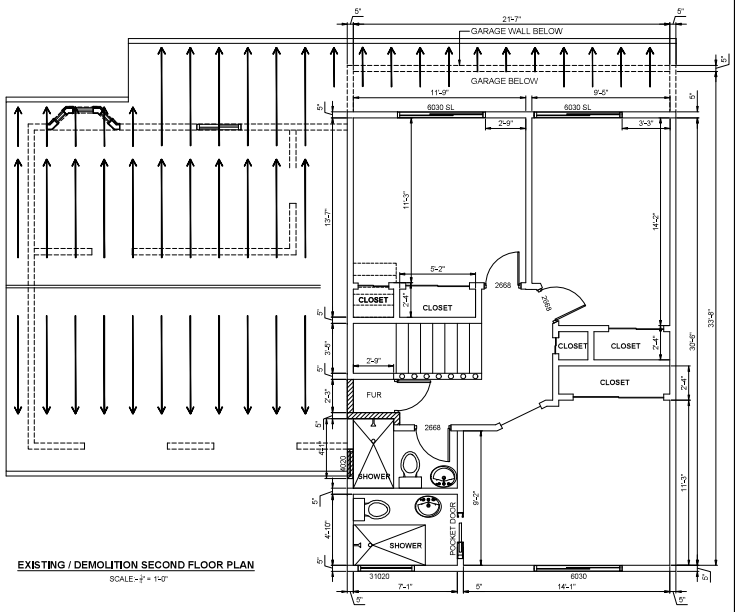
SCALE
1/4" = 1'

SHEET
A-1




**EXISTING / DEMOLITION FIRST FLOOR PLAN**

SCALE - 1/4" = 1'-0"




**EXISTING / DEMOLITION SECOND FLOOR PLAN**

SCALE - 1/4" = 1'-0"

LEGEND

- EXISTING WALL TO BE REMAIN
- EXISTING WALLS TO BE REMOVED
- PROPOSED / NEW WALL
- SL SLIDING DOOR/WINDOW

OWNER :-

ALMIR HRNJADOVIC & MARIA HRNJADOVIC

DESIGNER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| REVISIONS | | |
|---|---|---|
| NUMBER | DATE | DESCRIPTION |
| | | |

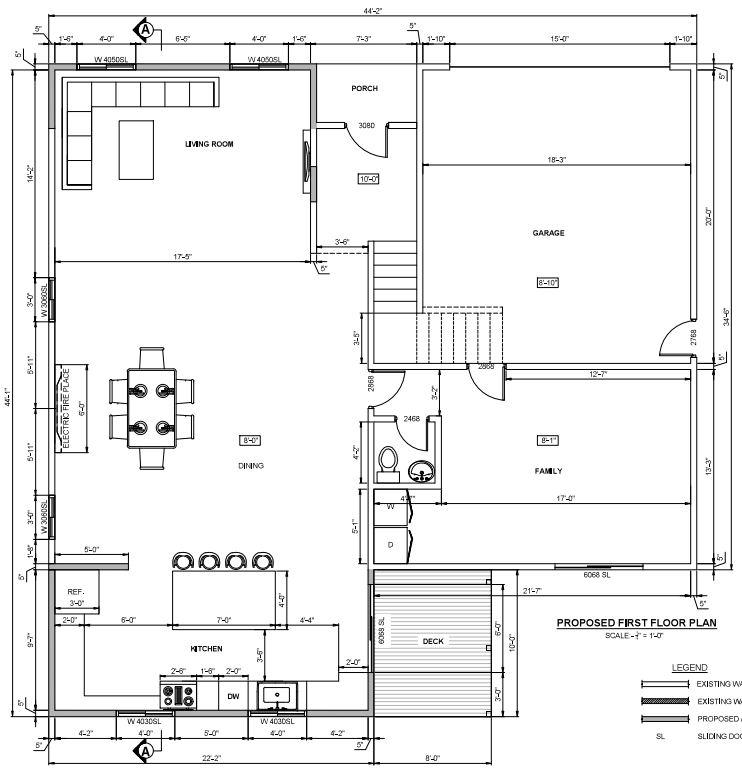
PROJECT : 2725, WARBURTON AVE, SANTA CLARA

SHEET TITLE:- EXISTING/ DEMOLITION FIRST FLOOR & SECOND FLOOR

DATE: 09/11/2020

SCALE: 1/4" = 1'

SHEET: A-2

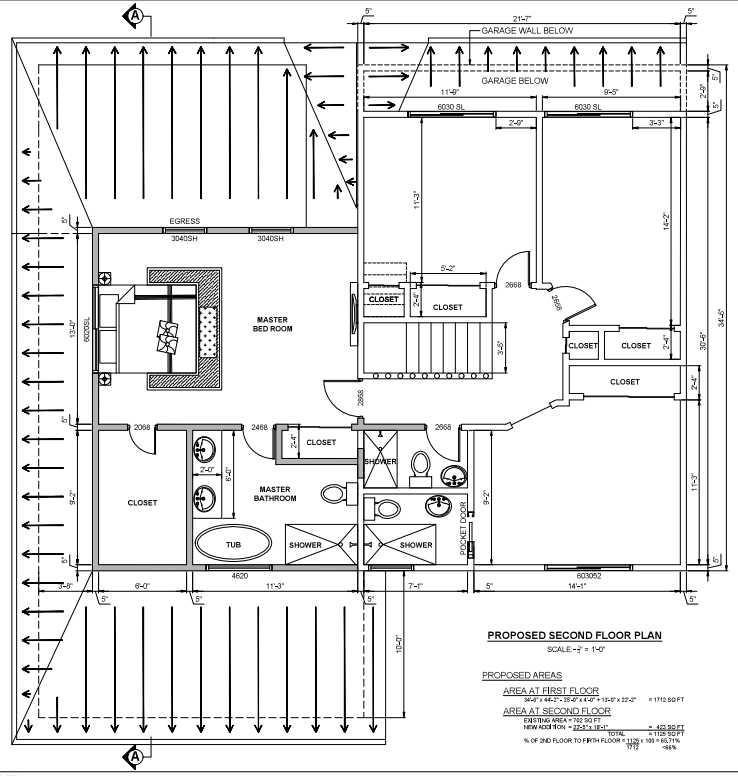



PROPOSED FIRST FLOOR PLAN

SCALE - 1/4" = 1'-0"

LEGEND

- EXISTING WALL TO BE REMAIN
- EXISTING WALLS TO BE REMOVED
- PROPOSED / NEW WALL
- SL SLIDING DOOR/WINDOW




PROPOSED SECOND FLOOR PLAN

SCALE - 1/4" = 1'-0"

PROPOSED AREAS

AREA AT FIRST FLOOR

30'-0" x 46'-2" - 25'-2" x 4'-0" + 13'-0" x 22'-2" = 1712 SQ FT

AREA AT SECOND FLOOR

EXISTING AREA = 702 SQ FT

NEW ADDITION = 25'-2" x 18'-1" = 423 SQ FT

TOTAL = 1125 SQ FT

% OF 2ND FLOOR TO FIRTH FLOOR = 1125 / 1712 x 100 = 65.71% ≈66%

**FLOOR PLAN NOTES:**

1. ALL WINDOWS SHALL BE DUAL PANE UNLESS OTHERWISE NOTED, AND SAFETY GLASS (TEMPERED GLASS) TO BE PROVIDED FOR DOORS AND WINDOWS ADJACENT TO OPENINGS. ALL WINDOWS IN BATHS, AND IN WINDOWS WHERE EXPOSED BOTTOM EDGE OF GLAZING IS LESS THAN 18" ABOVE FLOOR.
2. CONTRACTOR TO PROVIDE CERTIFICATE OF COMPLIANCE FOR INSULATION FOR R-13 WALL, R-19 CEILING OR BETTER.
3. WATER METER MUST BE INSTALLED PRIOR TO FINAL INSPECTION AND MUST NOT BE LOCATED IN DRIVE OR APPROACH WHERE REQUIRED.
4. ALL WEATHER STRIPPING, CAULKING, AND SEALING OF EXTERIOR DOORS, WINDOWS, AND BLDG. ENVELOPE OPENINGS, AS REQUIRED BY THE C.R.C. SHALL BE SUBJECT TO FIELD INSPECTION.
5. ALL MANUFACTURED DOORS AND WINDOWS SHALL BE CERTIFIED AND LABELED.
6. NAILING SPECIFIED WITHIN THE STRUCTURE CALCULATIONS AND DETAIL SHALL BE DONE USING COMMON NAILS. PROVIDE I.C.C APPROVAL PRIOR TO THE INSTALLATION OF AN ALTERNATE FASTENER.
7. PIPING IN UNCONDITIONED SPACE LEADING TO AND FROM WATER HEATERS SHALL BE INSULATED WITH AN INSTALLED THERMAL RESISTANCE OF R-3 OR GREATER FOR FIVE FEET OF PIPE CLOSEST TO THE WATER HEATER, OR WHATEVER SHORTER LENGTH IS IN UNCONDITIONED SPACES.
8. FOR KITCHEN, A CLEAR PASSAGEWAY OF NOT LESS THAN 3-FEET BETWEEN THE COUNTER FRONTS AND APPLIANCE OR COUNTER FRONTS AND WALLS. CBC 1208.1

**CLOTH DRYER EXHAUST DUCT NOTES:**

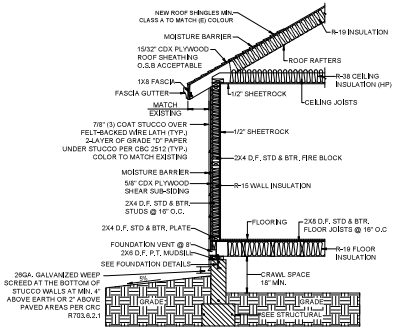
DRYER EXHAUST DUCT MUST BE EQUIPPED WITH A BACKDRAFT DAMPER WITH NO SCREEN. DUST IS LIMITED TO 14 FEET IN LENGTH WITH 29 DEGREE ELBOWS FROM THE DRYER TO THE POINT OF TERMINATION PER CMC 504.3.1.2 ( DUST SHALL TERMINATE AT LEAST 36 DEGREE FROM OPENINGS INTO THE BUILDING )
A CLOTH DRYER EXHAUST DUCT SHALL NOT BE CONNECTED TO A VENT CONNECTOR, GAS VENT, CHIMNEY AND SHALL NOT TERMINATE INTO A CRAWL SPACE, ATTIC, OR OTHER CONCEALED SPACE (CMC 504.4)

**GENERAL NOTES:**

1. JOB CARDS TO BE AVAILABLE FOR SIGNATURE AT JOB SITE.
2. PROVIDE A DIMENSIONED COPY OF THE FLOOR PLAN FOR THE COUNTY ASSESSOR'S OFFICE.
3. PROVIDE CERTIFICATE OF COMPLIANCE OR OTHER CERTIFICATE OF FEES PAID FROM THE SCHOOL DISTRICT HAVING JURISDICTION OVER THE SITE FOR PROPOSED CONSTRUCTION.
4. ADDRESS NUMBERS TO BE VISIBLE FROM THE ROAD WITH NUMERALS THAT ARE 4" HIGH OR HIGHER WITH A MIN. STROKE WIDTH OF 1/2".[CRC §R319.1]
5. SURFACE WATER SHALL BE DRAINED AWAY FROM THE BUILDING FOUNDATION WALLS.THE SLOPE OF GRADE AWAY FROM EXTERIOR FOUNDATIONS SHALL BE 6 INCHES MINIMUM WITHIN 10FEET (5% MINIMUM). IMPERVIOUS SURFACES WITHIN 10FEET OF THE BUILDING FOUNDATION SHALL BE SLOPED A MINIMUM OF 2% AWAY FROM THE BUILDING.[CRC §R401.3]
6. A FIRE ESCAPE WINDOW SHALL BE PROVIDED IN EVERY BEDROOM WHERE THERE IS NOT A DOOR TO THE EXTERIOR.THE BOTTOM OF THE CLEAR OPENING SHALL NOT BE GREATER THAN 44 INCHES MEASURED FROM THE FLOOR.(R310.2.2) SUCH WINDOW SHALL HAVE A CLEAR OPERABLE AREA OF NOT LESS THAN 5.7 SQ. FT. WITH NO DIMENSION LESS THAN 24" IN HEIGHT OR 20" IN WIDTH THAT WILL OPEN ONTO A STREET, ALLEY, YARD OR EXTERIOR COURT.
7. WATER CLOSET (TOILET) COMPARTMENT MUST HAVE NOT LESS THAN 15" CENTERLINE OF BODET TO RIM AND NOT LESS THAN 24" CLEAR IN FRONT OF THE UNIT AS PER CPC 407.6.
8. BETWEEN GARAGE AND RESIDENCE INSTALL MINIMUM 1/2" GYPSUM BOARD ONE- HOUR FIRE-RESISTANT WALLBOARD FROM CONCRETE TO ROOF SHEATHING OF GARAGE SIDE OF ALL COMMON WALLS.
9. GLASS WINDOWS AND DOORS THAT ARE SUBJECT TO HUMAN IMPACT, WITH 24" OF DOOR, CLOSER THAN 60" ABOVE AN EXTERIOR WALKING SURFACE OR WITHIN 18" OF AN INTERIOR FLOOR MUST BE TEMPERED GLASS OR REQUIRES A PROTECTIVE GRILL AS PER CRC R308.4.
10. LATH PLASTER SHALL COMPLY WITH SECTION 2512.1.
11. PROVIDE WEEP SCREEDS NOT LESS THAN 4" ABOVE THE EARTH OR NOT LESS THAN 2" ABOVE PAVED AREAS.
12. FOAM TYPE UNDERLAY REQUIRES A WATERPROOF FACING STUCCO. SUBMIT SPECIFICATIONS AND ICC REPORT NUMBER OF TYPE TO BE USED.
13. SHOWER STALLS AND TUBS ENCLOSURES TO HAVE SAFETY GLAZING. SHOWER DOORS MAY NOT BE LESS THAN 22" MINIMUM WIDTH.
14. MECHANICAL VENTILATION SYSTEMS MUST SUPPLY 5 AIR CHANGES PER HOUR IN BATH AND LAUNDRY ROOMS.
15. PROVIDE 12" SQ. TUB ACCESS OR SOLVENT WELD TUB TRAP JOINTS PER CPC.
16. PROVIDE BACK DRAFT DAMPERS TO ALL VENTS TO THE OUTSIDE.
17. WATERPROOF GYPSUM BOARD UNDERLAY AT SHOWERS, TUBS AND OTHER SURFACES ADVERSELY AFFECTED BY WATER IS NOT ALLOWED AS PER GA-216 OR ASTM C840.
18. INTERIOR WALL SURFACES TO BE 1/2" GYPSUM WALLBOARD (FLAME SPREAD GLASS III OR BETTER) UNLESS SPECIFIED OTHERWISE.
19. BUG SCREEN TO BE INSTALLED PRIOR TO FINAL INSPECTION.

**NOTES:**

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH LOCAL CITY, COUNTY AND STATE STANDARDS, AND SECTIONS OF CRC, CALIFORNIA ENERGY CODE, CMC, CPC, CEC, IN THE EVENT OF CONFLICT, THE HIGHER STANDARDS AND SPECIFICATIONS SHALL PREVAIL.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK. THE DESIGNER ASSUMES NO RESPONSIBILITY FOR LOCATION OF EXISTING UTILITIES SHOWN OR NOT SHOWN ON PLANS.
3. ELEVATIONS AND DISTANCES SHOWN ON PLANS ARE APPROXIMATE AND MAY VARIES. IT SHALL BE THE CONTRACTOR RESPONSIBILITIES TO VERIFY SUCH ELEVATIONS AND DISTANCES IN THE FIELD FOR ANY DISCREPANCIES.
4. PRIOR TO COMMENCING WORK, ALL NECESSARY BUILDING, PLUMING, ELECTRICAL PERMITS SHALL BE OBTAINED FROM THE APPROVED AGENCY BY THE OWNER/CONTRACTOR AT HIS COST.
5. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER SUBCONTRACTORS, PG&E, PACIFIC BELL AND OTHER PARTICIPANT ENTITIES.
6. FIELD VERIFY ALL WORK AND DIMENSIONS PRIOR TO CONSTRUCTION.
7. USE 2X4 STUDS @ 16" O.C. DF#2. AND AN EXTRA STUD UNDER TRUSS.
8. FINGER JOINTED STUDS IN STRUCTURAL WALLS (BEARING OR SHEAR) SHALL BE APPROVED AND ARE NOT ALLOWED AT HOLDOWN LOCATIONS.
9. ALL SLIDING GLASS DOORS, SHOWER DOORS AND TUB ENCLOSURES SHALL BE TEMPERED GLASS AND LABELED SAFETY GLAZING. ALL WINDOWS SHALL MEET THE MINIMUM STANDARD AS ESTABLISHED BY THE CRC.
10. PROVIDE AN EXHAUST FAN CAPABLE OF PROVIDING 75 CFM TO REST ROOMS.
11. FLASH ALL EXTERIOR OPENINGS W/G.I. OR ALUMINUM ON KRAFT PAPER OR 15# FELT, SO AS TO BE TOTALLY WATER PROOF AS PER CBC 1402.
12. PROVIDE SMOKE ALARMS AT ALL BEDROOMS & HALLWAYS AS REQUIRED (MIN. 3' FROM AC RETURN/VENTS).
13. NAILING SHALL MEET REQUIREMENTS OF CBC TABLE 2304.10.1. CRC R602.3(1)




WALL INSULATION CROSS SECTION

SCALE 3/8"=1'

**NOTE:**
THE FENESTRATION/GLAZING SHALL BE WITH 0.30 U-FACTOR/0.23 SHGC OR BETTER.

OWNER :-
ALMIR HRNJADOVIC & MARIA HRNJADOVIC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LICENSED PROFESSIONAL ENGINEER DEVENDRA SINGH DESHWAL C 89732 CIVIL STATE OF CALIFORNIA

| REVISIONS | | |
|---|---|---|
| NUMBER | DATE | DESCRIPTION |
| | | |

PROJECT : 2725, WARBURTON AVE, SANTA CLARA

SHEET TITLE: PROPOSED FIRST FLOOR & SECOND FLOOR PLAN

DATE: 09/09/2020

SCALE: 1/4" = 1'

SHEET: A-3

**EXISTING FRONT ELEVATION**

SCALE - 1" = 1'-0"

**ELEVATIONS NOTES:**

1. STUCCO IS TO BE APPLIED WITH A 3 COAT APPLICATION WHEN APPLIED OVER METAL LATH OR WIRE LATH PER CRC R703.6.2.
2. PROVIDE WEEP SCREED AT THE BOTTOM OF STUCCO WALLS AT A LOCATION A MINIMUM OF 4" ABOVE EARTH OR 2" ABOVE PAVED AREAS PER CRC R703.6.2.1.
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6. PROVIDE HIGH RIBBED METAL LATH AT ALL HORIZONTAL STUCCO SURFACES.

**PROPOSED FRONT ELEVATION**

SCALE - 1" = 1'-0"

OWNER :-

ALMIR HRNJADOVIC & MARIA HRNJADOVIC

DESIGNER


**UNICORN STRUCTURES**
PRINCPAL:
DEVENDRA DESHWAL
E 5406, WOODHURST LN.
SAN JOSE, CA - 95123
Email - dsdeshwal@gmail.com
Phone - 408-318-1053


LICENSED PROFESSIONAL ENGINEER DEVENDRA SINGH DESHWAL C 69732 CIVIL STATE OF CALIFORNIA

| REVISIONS | | |
|---|---|---|
| NUMBER | DATE | DESCRIPTION |
| | | |

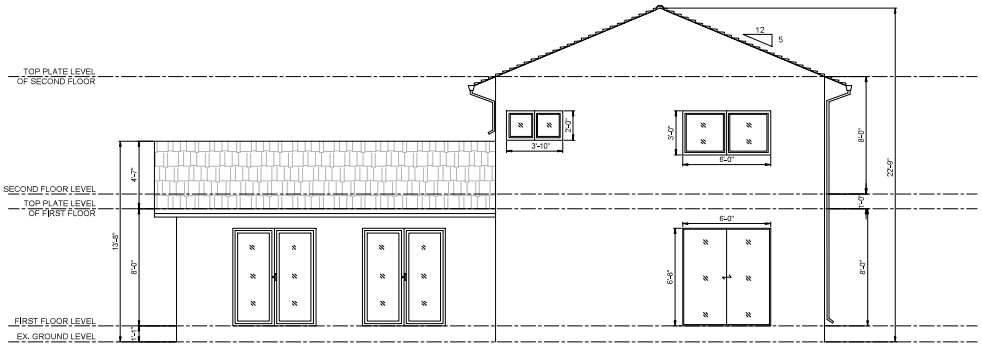
PROJECT : 2725, WARBURTON AVE, SANTA CLARA

SHEET TITLE:- EXISTING & PROPOSED FRONT ELEVATION

DATE: 09/09/2020

SCALE: 1/4" = 1'

SHEET: A-4




**EXISTING BACK SIDE ELEVATION**

SCALE - 3/8" = 1'-0"

**ELEVATIONS NOTES:**

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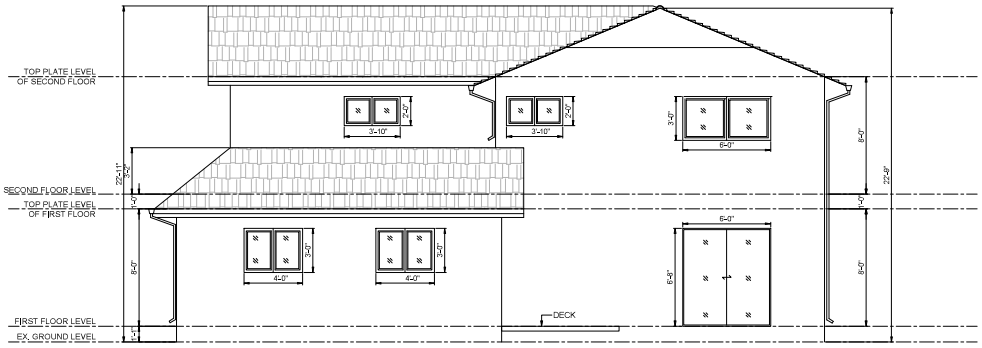


**PROPOSED BACK SIDE ELEVATION**

SCALE - 3/8" = 1'-0"

OWNER :-

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DESIGNER

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| REVISIONS | | |
|---|---|---|
| NUMBER | DATE | DESCRIPTION |
| | | |

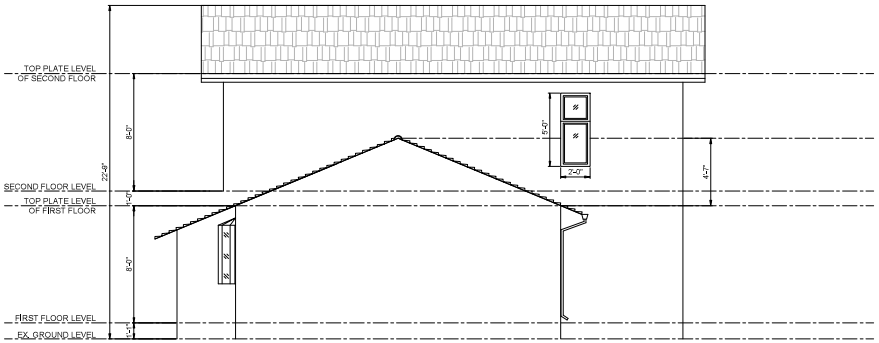
PROJECT : 2725, WARBURTON AVE, SANTA CLARA

SHEET TITLE:- EXISTING & PROPOSED BACK SIDE ELEVATION

DATE: 09/11/2020

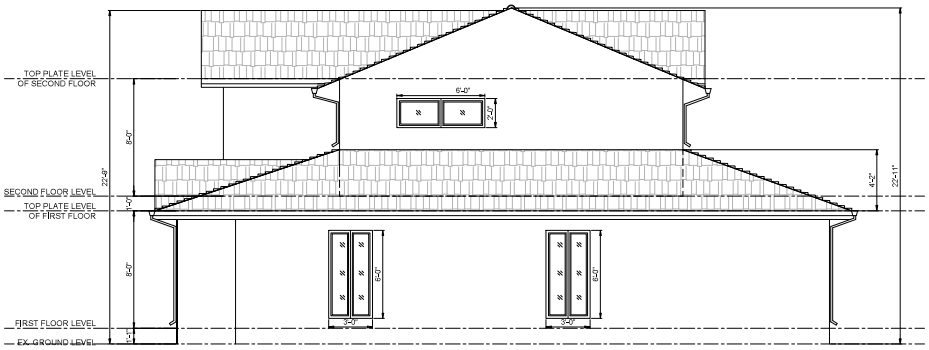
SCALE: 1/4" = 1'

SHEET: A-5




**EXISTING RIGHT SIDE ELEVATION**

SCALE - 1/4" = 1'-0"




**PROPOSED RIGHT SIDE ELEVATION**

SCALE - 1/4" = 1'-0"

**ELEVATIONS NOTES:**

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OWNER :-

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DESIGNER

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CIVIL
STATE OF CALIFORNIA

| REVISIONS | | |
|---|---|---|
| NUMBER | DATE | DESCRIPTION |
| | | |

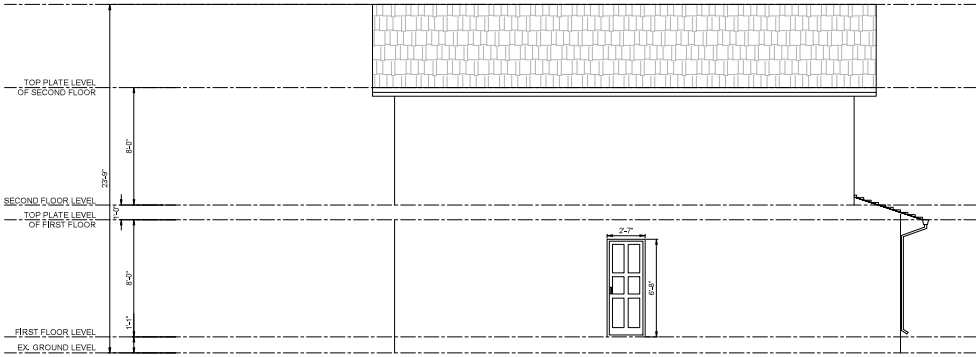
PROJECT : 2725, WARBURTON AVE, SANTA CLARA

SHEET TITLE:- EXISTING & PROPOSED RIGHT SIDE ELEVATION

DATE: 09/09/2020

SCALE: 1/4" = 1'

SHEET: A-6




**EXISTING LEFT SIDE ELEVATION**

SCALE - 1/4" = 1'-0"

**ELEVATIONS NOTES:**

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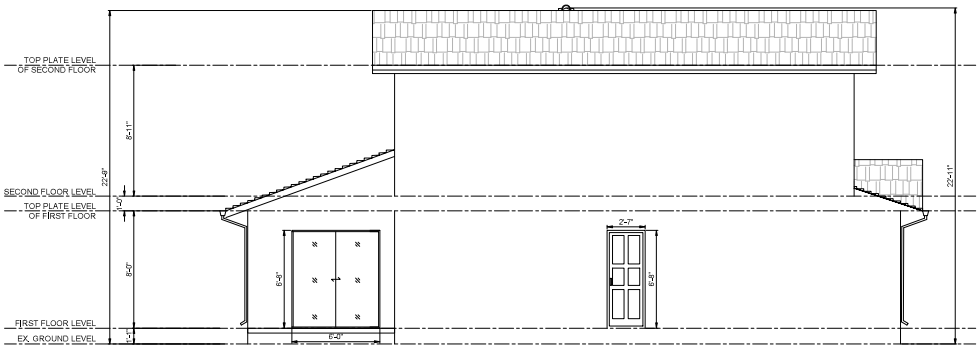


**PROPOSED LEFT SIDE ELEVATION**

SCALE - 1/4" = 1'-0"

OWNER :-

ALMIR HRNJADOVIC & MARIA HRNJADOVIC

DESIGNER

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STATE OF CALIFORNIA

| REVISIONS | | |
|---|---|---|
| NUMBER | DATE | DESCRIPTION |
| | | |

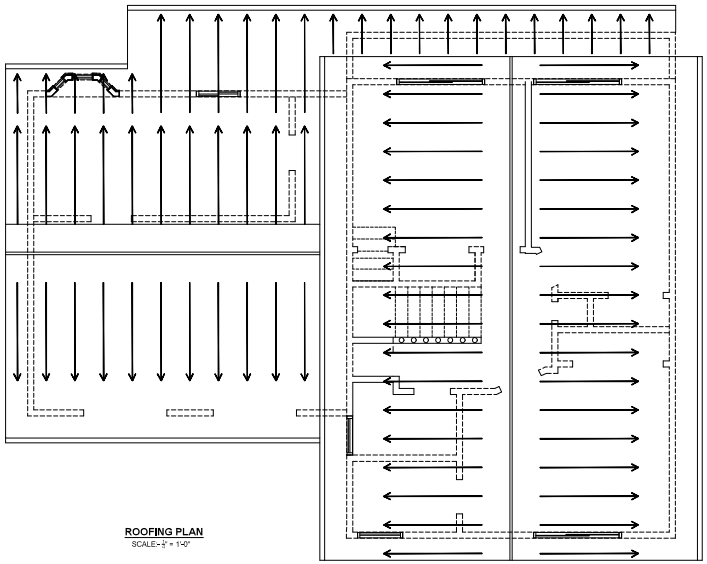
PROJECT : 2725, WARBURTON AVE, SANTA CLARA

SHEET TITLE:- EXISTING & PROPOSED LEFT SIDE ELEVATION

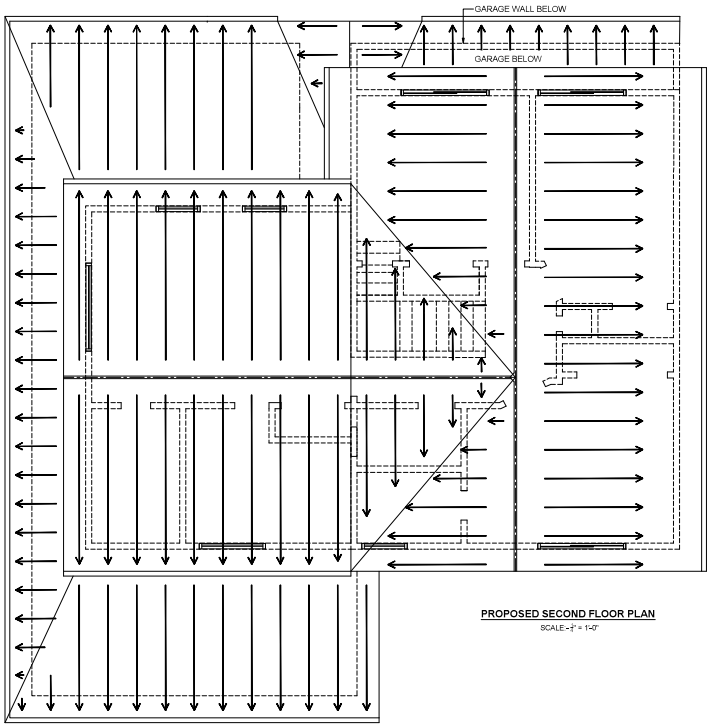
DATE
09/11/2020

SCALE
1/4" = 1'

SHEET
A-7

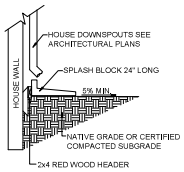


**ROOFING PLAN**
SCALE- 1/4" = 1'-0"




**PROPOSED SECOND FLOOR PLAN**
SCALE- 1/4" = 1'-0"

**NOTE:** SPLASH BLOCKS TO BE INSTALLED AT ALL DOWNSPOUTS TO ENSURE ROOF WATER IS DIRECTED AWAY FROM THE FOUNDATION. ANY EXISTING DOWNSPOUTS THAT CONNECT DIRECTLY TO THE STORM DRAIN SYSTEM SHALL BE DISCONNECTED AND DIRECTED TOWARDS LANDSCAPED AREAS.




**SPLASH BLOCK DETAIL**
NTS

OWNER :-
ALMIR HRNJADOVIC & MARIA HRNJADOVIC

DESIGNER

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|---|---|---|
| NUMBER | DATE | DESCRIPTION |
| | | |

PROJECT : 2725, WARBURTON AVE, SANTA CLARA

SHEET TITLE:- EXISTING & PROPOSED ROOFING PLAN

| DATE |
|---|
| 09/11/2020 |

| SCALE |
|---|
| 1/4" = 1' |

| SHEET |
|---|
| A-8 |

**20-1088** **Agenda Date: 11/4/2020**

**REPORT TO DEVELOPMENT REVIEW HEARING**

**SUBJECT**
Action on a new data center at 1111 Comstock Street

**File No.(s):** **PLN2019-13941 and CEQ2020-01079**
**Location:** **1111 Comstock Street**, the 1.38-acre project site is located on the north side of Comstock Street; APN: 224-08-092; property is zoned Light Industrial (ML).
**Applicant / Owner:** Prime Data Centers
**Owner:** Jim Khosh Revocable Living Trust
**Request: Adoption of a Mitigated Negative Declaration** and a **Mitigation Monitoring and Reporting Program**; and **Architectural Review** to develop a 121,170 square-foot four-story data center building, and Minor Modification to increase the building height to 87 feet and reduce the parking space requirements.

**Project Data**

| **Lot Size**: 1.38 acre | 60,064 square feet | | |
|---|---|---|---|
| | **Existing Floor Area (sq.ft.)** | **Demolish (sq.ft** | **Proposed (sq.ft.** |
| **Gross Floor Area** | 23,765 | -23,765 | 121,170 |
| **Lot Coverage** | - | - | 29,646 / 60,064 = 49% |
| **F.A.R.** | - | - | 121,170 / 60,064 2.02 |
| **Height** | - | - | Roof - 80' Parape 87' Roof Screen |
| **Parking** | Surface Parking | | **24 spaces** • 23 standards spaces ADA space |
| **Bicycle Parking** | None | | Bicycle Parking C I: 9 Bicycle Parki Class II: 2 |
| **Flood Zone** | X | | |

**Points for Consideration**

- The project proposes the demolition of an existing 23,765 industrial building with surface parking and the construction of a new 121,170 square-foot four-story data center with surface parking, landscaping, and associated site improvements.
- Six 3,000-KW diesel-fueled engine generators and one 500-kW diesel-fueled engine generator would

be located within a generator room on the first floor of the building. Fuel for the generators would be stored in two 30,000-gallon underground storage tanks which would feed individual 160-gallon daytanks located adjacent to each generator. An outdoor generator yard is not proposed.

*Zoning and General Plan*

- The project site is currently designated Low Intensity Office/R&D in the City of Santa Clara 2010-2035 General Plan (General Plan) and is zoned Light Industrial (ML). The proposed use is consistent with the General Plan and zoning designations for the property.
- The proposed FAR for the project is 2.02, exceeding the base FAR of 1.0 set by the City of Santa Clara General Plan. However, the General Plan's FAR limitations are intended to control employment density, and the project's employment density would not conflict with the allowed uses or assumed employment intensity for the Low Intensity Office / R&D.
- The height of the proposed building at the top of the parapet is approximately 87 feet, which exceeds the 70-foot maximum permissible height in ML zoning district. The project will require a Zoning Administrator Modification to allow the proposed height.

*Mitigated Negative Declaration*

- A Mitigated Negative Declaration (MND) was prepared for the project in accordance with the California Environmental Quality Act (CEQA) and publicly circulated between September 21, 2020 and October 13, 2020. The IS/MND evaluated the potential environmental impacts that may result from the construction and operation of the project, and proposed mitigation measures in the areas of Biological Resources, Cultural Resources, and Noise. With implementation of mitigation measures identified in the MND and Mitigation Monitoring and Reporting Program (MMRP) would reduce the potentially significant impacts to less than significant.
- One public comment letter was received from Adams Broadwell Joseph & Cardozo during the public comment period. A Response to Comments is included as an attachment to this report.

*Building Design*

- The façade design and materials for the proposed building consist of varied materials colors and textures to create interest. It includes gray cementitious finishes and varying shades of spandrel glass.
- The applicant has worked with staff to improve the view that will be visible from Comstock Street by making the ground floor design more commercial in nature with glass walls and a metal canopy.
- Screening of rooftop equipment with metal plank panels along the rooftop perimeter from view along the public right-of-way are integrated into the site and building design.
- The project provides pedestrian connections to neighboring development with the construction of a complete street section (4' landscape strip and 5' sidewalk) with large canopy trees along the project frontage.

*Parking*

- A total of 24 on-site parking spaces are proposed where a total of 30 are required. The applicant proposes a Minor Modification to reduce the parking requirement from the 1:4,000 parking requirement for data center uses in the zoning code to 1:5,000.
- A total of 9 Class I bicycle spaces and 2 Class II bicycle spaces are provided on the site.

*Trees and Landscaping*

- Construction of the proposed data center and parking lot would require removal of 24 trees with nine trees to remain protected in place.

- The City's General Plan (Policy 5.3.1-P10) requires new development to include new street trees and at least a 2:1 on- or off-site replacement for removal of existing trees. While the proposed project would need to plant a minimum of 48 trees, the landscape plan shows five new trees would be planted on the project site. Therefore, the project must comply with off-site planting and mitigation.
- Final tree removal and landscape plans, including potential off-site replacement, would be subject to review and approval by the Community Development Department with consultation with the City Arborist.

*Community Outreach*

- A notice of development was posted on the property at least 10 days prior to the scheduled public hearing.
- The notice of public hearing for this item was posted within 300 feet of the site and was mailed to property owners within 1,000 feet of the project site.
- The City has received no comments on the project.

**Findings supporting the Staff Recommendation**

1) *That any off-street parking area, screening strips and other facilitates and improvements necessary to secure the purpose and intent of this title and the general plan of the City are a part of the proposed development, in that;*
    - The development proposed a Minor Modification to reduce the on-site parking requirement from the Zoning Code requirement of 1:4000 to 1:5000, resulting in 24 on-site spaces. As data centers are a low intensity employment use, this reduction is reasonable and will not result in spillover parking in the public right-of-way.
    - The project includes off-site public improvements along the public right of-way fronting the project site and on-site landscape improvements in the parking areas. A four-foot clear landscape strip adjacent to the curb with a five-foot sidewalk behind are proposed to link adjacent properties and provide pedestrian access to the site consistent with complete streets design. The project also includes landscaping within the front building setback and parking areas in conformance with the development standards for the ML zoning district. At grade outdoor equipment and rooftop equipment would be screened from the public right-of-way by metal plank panels.

2) *That the design and location of the proposed development and its relation to neighboring developments and traffic is such that it will not impair the desirability of investment or occupation in the neighborhood, will not unreasonably interfere with the use and enjoyment of neighboring developments, and will not create traffic congestion or hazard, in that;*
    - The development is generally consistent with the City's Design Guidelines. Exterior building façade provides a mix of materials and textures to create interest.
    - The project invests in the site improvements that will enhance the streetscape and increase property values by replacing derelict buildings, asphalt surface parking areas, and minimal landscaping on-the site and provide a catalyst for future investment for enhancement and development opportunities in the project area.
    - The project site is located within the ML zoning district. Data centers generate few employees and relatively infrequent delivery of materials; consequently, the project is not anticipated to produce many vehicle trips. Moreover, a data center is a permitted use within the ML zoning district.
    - Sufficient parking is provided to accommodate employee parking demands on-site and prevent spillover parking onto the public right-of-way. Vehicle ingress and egress would be provided by two new driveways along Comstock Street.


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3) *That the design and location of the proposed development is such that it is in keeping with the character of the neighborhood and is such as not to be detrimental to the harmonious development contemplated by this title and the general plan of the City, in that;*
   - The proposal is to redevelop and improve the project site with construction of the data center with a strong, contemporary urban design that would improve the visual character of the zone. The project would include a loading dock, circulation and parking, and landscape improvements in conformance with the ML zoning district development standards and consistent with the development of data centers throughout the City.
   - The project provides setback and landscaping along the street frontage consistent with surrounding properties.

4) *That the granting of such approval will not, under the circumstances of the particular case, materially affect adversely the health, comfort or general welfare of persons residing or working in the neighborhood of said development, and will not be materially detrimental to the public welfare or injuries to property or improvements in said neighborhood, in that;*
   - The project is generally consistent with adjacent industrial and commercial development in terms of visual character and quality.
   - The data center use and associated parking are self-contained within the limits of the property. There are no residential developments immediately adjacent that would be impacted with privacy concerns.
   - The project includes conditions of approval and would be subject to the City Code and the mitigation measures set forth in the Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program with project development to minimize impacts of development on neighboring properties.

5) *That the proposed development, as set forth in the plans and drawings, are consistent with the set of more detailed policies and criteria for architectural review as approved and updated from time to time by the City Council, which set shall be maintained in the planning division office. The policies and criteria so approved shall be fully effective and operative to the same extent as if written into and made a part of this title, in that;*
   - The development is a modern data center facility that is permitted in the ML Zoning District. The proposed development provides for an aesthetically attractive building.
   - The project supports high quality design in keeping with adopted design guidelines for industrial development and the City's architectural review process consistent with General Land Use Plan Policy 5.3.1-P3 as follows:
     i. The building design avoids the orientation of equipment yard, service areas, and large expanses of blank walls facing toward the street.
     ii. The bulk, scale and height of the building is appropriate for the industrial sector and approved data centers within the City.
   - Façade elements and treatments are incorporated in the exterior building design to enrich the building appearance.
   - Driveway entrances are appropriate in number and location and are emphasized by landscaping to provide a suitable focus and identification.
   - The project provides pedestrian connections to neighboring development with the construction of a complete street section (4' landscape strip and 5' sidewalk) along the project frontage.
   - Screening of rooftop equipment from view along the public right-of-way are integrated into the site and building design.

**ENVIRONMENTAL REVIEW**

A Mitigated Negative Declaration (MND) was prepared for the project in accordance with the California Environmental Quality Act (CEQA) and publicly circulated between September 21, 2020 and October 13,

2020. The IS/MND evaluated the potential environmental impacts that may result from the construction and operation of the project, and proposed mitigation measures in the areas of Biological Resources, Cultural Resources, and Noise. With implementation of mitigation measures identified in the MND and Mitigation Monitoring and Reporting Program (MMRP) would reduce the potentially significant impacts to less than significant.

One public comment letter was received from Adams Broadwell Joseph & Cardozo during the public comment period. A Response to Comments is included as an attachment to this report.

## FISCAL IMPACT

There is no impact to the City for processing the requested application other than administrative staff time and expense typically covered by processing fees paid by the applicant.

## PUBLIC CONTACT

On October 23, 2020, a notice of public hearing of this item was mailed 1,000 feet of the project site and mailed to property owners within 1,000 feet of the project site. Planning Staff has not received public comments for this application.

## RECOMMENDATION

Adopt a Mitigated Negative Declaration and a Mitigation Monitoring and Reporting Program; and Approve the Architectural Review to develop a 121,170 square-foot four-story data center building, and Minor Modification to increase the building height to 87 feet and reduce the parking space requirements.

.

Prepared by: Rebecca Bustos, Senior Planner, Community Development Department
Approved by: Gloria Sciara, Development Review Officer, Community Development Department

## ATTACHMENTS

1. Conditions of Approval
2. Development Plans
3. Initial Study/Mitigated Negative Declaration
4. Response to Comments
5. Mitigation Monitoring and Reporting Program

**PLN2019-13941 and CEQ2020-01079**
**1111 Comstock Street**
**CONDITIONS OF APPROVAL**

In addition to complying with all applicable codes, regulations, ordinances and resolutions, the following **conditions of approval** are recommended:

## GENERAL

G1. If relocation of an existing public facility becomes necessary due to a conflict with the developer's new improvements, then the cost of said relocation shall be borne by the developer.

G2. Comply with all applicable codes, regulations, ordinances and resolutions.

## ATTORNEY'S OFFICE

A1. The Developer agrees to defend and indemnify and hold City, its officers, agents, employees, officials and representatives free and harmless from and against any and all claims, losses, damages, attorneys' fees, injuries, costs, and liabilities arising from any suit for damages or for equitable or injunctive relief which is filed by a third party against the City by reason of its approval of developer's project.

## COMMUNITY DEVELOPMENT

C1. Obtain required permits and inspections from the Building Official and comply with the conditions thereof. If this project involves land area of 1 acre or more, the developer shall file a Notice of Intent (NOI) with the State Water Resources Control Board prior to issuance of any building permit for grading, or construction; a copy of the NOI shall be sent to the City Building Inspection Division. A storm water pollution prevention plan is also required with the NOI.

C2. Submit plans for final architectural review to the Architectural Committee and obtain architectural approval prior to issuance of building permits. Said plans to include, but not be limited to: site plans, floor plans, elevations, landscaping, trash enclosure details, lighting and signage. Landscaping installation shall meet City water conservation criteria in a manner acceptable to the Director of Community Development.

C3. A Landscape plan showing the tree protection plan and a replacement plan for review and approval by the City prior to any demolition, grading or other earthwork in the vicinity of the existing trees on the site. Landscape plan to include type and size of proposed trees. Coordinate with the City Arborist for the type, location, installation and maintenance of large canopy street trees fronting the project site along the public right-of-way. Type and size of tree replacement on project site shall be at the direction of the City Arborist and require Planning Division review and approval. Installation of root barriers and super-soil may be required with the installation of trees where electric, water, and sewer utilities are in proximity.

C4. Project site landscaping shall be maintained in good condition throughout the life of the Project and no trees shall be removed without City review and approval. Trees permitted by the City for removal shall be replaced at a 2:1 ratio with 24-inch box specimen tree, or equal alternative as approved by the Director of Community Development.

C5. A complete landscape plan that includes, type, size and location of all plant species shall be required as part of architectural review of the project. Review and approval of the complete landscape plan, including water conservation calculations and irrigation plan shall be required prior to issuance of building permits. Installation of landscaping is required prior to occupancy permits.

C6. Commercial, industrial, and multi-family residential buildings must have enclosures for solid waste and recycling containers. The size and shape of the enclosure(s) must be adequate to serve the estimated solid waste and recycling needs and size of the building(s) onsite and should be designed and located on the property so as to allow ease of access by collection vehicles. As a general rule, the size of the

enclosure(s) for the recycling containers should be similar to the size of the trash enclosure(s) provided onsite. Roofed enclosures with masonry walls and solid metal gates are the preferred design. Any required enclosure fencing (trash area, utility equipment, etc.) if not see-thru, shall have a six (6) inch opening along the bottom for clear visibility. Any gates or access doors to these enclosures shall be locked.

C7. The noise levels from the proposed use shall be within the maximum permissible limits in Planned Industrial (ML) zone per the City's Noise Ordinance.

C8. Building design shall incorporate measures to avoid bird strike.

C9. The Final Storm Water Management Plan (SWMP) must be certified by a third-party consultant from SCVURPP's current list of qualified consultants. Five copies of the approval letter from the certified third-party review (wet stamped and signed) must be submitted prior to the issuance of grading or building permit.

C10. Construction activity shall be limited to the hours of 7:00 a.m. to 6:00 p.m. weekdays and 9:00 a.m. to 6:00 p.m. Saturdays for projects within 300 feet of a residential use and shall not be allowed on recognized State and Federal holidays.

C11. The Developer shall comply with the Mitigations Monitoring and Reporting Program that will be identified in the 1111 Comstock Data Center Initial Study / Mitigated Negative Declaration and shall be incorporated in the Conditions of Approval for this project.

C12. Developer is responsible for collection and pick-up of all trash and debris on-site and adjacent public right-of-way.

**BUILDING**

BD1. Prior to overall construction permit application, submit to the Santa Clara Building Division, 2 copies of an addressing diagram request, to be prepared by a licensed architect or engineer. The addressing diagram(s) shall include all proposed streets and all building floor plans. The addressing diagram(s) shall conform to Santa Clara City Manager Directive #5; Street Name and Building Number Changes, and Santa Clara Building Division Address Policy for Residential and Commercial Developments. The addressing diagram(s) shall indicate all unit numbers to be based off established streets, not alleys nor access-ways to garages. Allow a minimum of 10 working days for initial staff review. Please note city staff policy that existing site addresses typically are retired. Provide digital pdf printed from design software, not scanned from printed paper sheet

BD2. The construction permit application drawings submitted to the Santa Clara Building Division shall include a copy of the latest Federal Emergency Management Agency (FEMA) Flood Zone Map: https://msc.fema.gov/portal/home. The project drawings shall indicate how the project complies with the Santa Clara Flood Damage Prevention Code.

BD3. The construction permit application drawings submitted to the Santa Clara Building Division shall include Santa Clara Valley Urban Runoff Pollution Prevention Program Low Impact Development (LID) practices http://www.scvurppp-w2k.com/nd_wp.shtml. All projects that disturb more than one acre, or projects that are part of a larger development that in total disturbs more than one acre, shall comply with the Santa Clara Valley Urban Runoff Pollution Prevention Program Best Management Practices (BMP): http://www.scvurppp-w2k.com/construction_bmp.shtml, and shall provide a Storm Water Pollution Prevention Plan (SWPPP) by a certified Qualified SWPPP Developer (QSD). All site drainage and grading permit applications submitted to the Santa Clara Building Division shall include a city of Santa Clara "C3" data form, available on this web page:
https://www.santaclaraca.gov/our-city/departments-g-z/public-works/environmental-programs/stormwater-pollution-prevention
and will be routed to a contract consultant for review.

BD4. Informational: no California construction code review is being done at this time. The construction permit application drawings submitted to the Santa Clara Building Division shall include an overall California Building Code analysis, including; proposed use and occupancy of all spaces (19' CBC Ch. 3), all

building heights and areas (19' CBC Ch. 5), all proposed types of construction (19' CBC Ch. 6), all proposed fire and smoke protection features, including all types of all fire rated penetrations proposed (19' CBC Ch. 7), all proposed interior finishes fire resistance (19' CBC Ch. 8), all fire protection systems proposed (19' CBC Ch. 9), and all means of egress proposed (19' CBC Ch. 10).

- Noncombustible exterior wall, floor, and roof finishes are strongly encouraged.
- During construction retaining a single company to install all fire rated penetrations is highly recommended.

BD5. The overall project construction permit application shall include the geotechnical, architectural, structural, energy, electrical, mechanical, and plumbing drawings and calculations. Prior to the issuance of the overall project construction permit, a conditions of approval review meeting must be held in city hall, which meeting must be attended by the on-site field superintendent(s). The meeting will not be held without the attendance of the on-site field superintendent(s). The on-site grading permit shall be a separate permit application to the Building Division.

BD6. The construction permit application drawings submitted to the Santa Clara Building Division shall include all accessibility requirements of the 19' CBC Ch. 11 as applicable.

BD7. The construction permit application drawings submitted to the Santa Clara Building Division shall include checklist(s) indicating compliance with the applicable Mandatory Measures of the 19' Cal. Green Building Standards Code (CGBSC). Provide Construction Waste Management (CWM) Plan per the 19' CGBSC guides on pp 59-63 of the CGBSC. Provide a Phase 1 and/ or Phase 2 Hazardous Materials site assessment, as applicable. Note: The Santa Clara Public Works Department Environmental Programs Division will require compliance with the Santa Clara Construction & Demolition Debris Recycling Program: http://santaclaraca.gov/government/departments/public-works/environmental-programs/commercial-garbage-recycling/construction-demolition-debris-recycling-program. Note: the Environmental Programs Division may require development projects to register with the Green Halo online waste tracking system: https://www.greenhalosystems.com.

BD8. Note: Temporary Certificates of Occupancy will not be routinely issued, and will be considered on a very limited basis only when there is a clear and compelling reason for city staff to consider a TCO. A TCO will be approved only after all applicable City staff have approved in writing; Planning, P.W./ Engineering, Fire Prev., Santa Clara Water, Silicon Valley Power, and any other applicable agencies such as the Santa Clara County Health Dept., with the Building Division being the final approval of all TCO.'s.

**ENGINEERING**

E1. Obtain site clearance through Public Works Department prior to issuance of Building Permit. Site clearance will require payment of applicable development fees. Other requirements may be identified for compliance during the site clearance process. Contact Public Works Department at (408) 615-3000 for further information.

E2. All work within the public right-of-way and/or public easement, which is to be performed by the Developer/Owner, the general contractor, and all subcontractors shall be included within a Single Encroachment Permit issued by the City Public Works Department. Issuance of the Encroachment Permit and payment of all appropriate fees shall be completed prior to commencement of work, and all work under the permit shall be completed prior to issuance of occupancy permit.

E3. Submit public improvement plans prepared in accordance with City Public Works Department procedures which provide for the installation of public improvements. Plans shall be prepared by a Registered Civil Engineer and approved by the City Engineer prior to approval and recordation of final map and/or issuance of building permits.

E4. The sanitary sewer (SS) discharge information (i.e., building use, square footage, point of connection to the public system, and 24-hour average and peak SS flow graphs for the peak day, showing average daily and peak daily SS flows) submitted by the developer was added to the City's Sanitary Sewer Hydraulic Model (SSHM) to determine if there is enough SS conveyance capacity in the SS trunk

system to accommodate the proposed development. The SSHM output indicates that there should be enough SS conveyance capacity to accommodate the proposed development. The SSHM output may change based on pending development applications and future projects. The SSHM output does not guarantee or in any way reserve or hold SS conveyance capacity until developer has Final Approval for the project. For purposes of this condition, “Final Approval” shall mean the final vote of the City Council necessary for all entitlements to be approved, unless a legal challenge is brought to the Council decisions, in which case the Final Approval shall mean the final disposition of the legal challenge.

E5. The sanitary sewer (SS) mains serving the site not included in the Sanitary Sewer Hydraulic Model at Lafayette Street and Mathew Street were monitored in the field by the developer. The field monitoring information along with the SS discharge information submitted by the developer were analyzed by developer’s Civil Engineer and determined that said SS mains currently have enough conveyance capacity to accommodate the proposed development. The Civil Engineer’s results may change based on pending development applications and future projects. The Civil Engineer’s results do not guarantee or in any way reserve or hold SS conveyance capacity until the Developer has final approval for the project.

E6. Damaged curb, gutter, and sidewalk within the public right-of-way along property’s frontage shall be repaired or replaced (to the nearest score mark) in a manner acceptable to the City Engineer or his designee. The extents of said repair or replacement within the property frontage shall be at the discretion of the City Engineer or his designee.

E7. Developer shall provide a complete storm drain study for the 10-year and 100-year storm events. The grading plans shall include the overland release for the 100-year storm event and any localized flooding areas. System improvements, if needed, will be at developer’s expense.

E8. Developer shall extend storm drain main fronting site with a stub to convey tributary area for all properties and street to be served by new main.

E9. All storm drain mains and laterals, sanitary sewer mains and laterals shall be outside the drip line of mature trees or 10’ clear of the tree trunk whichever is greater.

E10. Provide root barriers when the drip line of the mature trees covers the sidewalk. Root barriers for sidewalk protection shall be 16' long or extend to drip line of the mature tree, whichever is greater, and be 1.5' deep, and centered on trees. Root barriers for curb and gutter protection shall be 16' long or extend to drip line of the mature tree, whichever is greater, and be 2’ deep, and centered on trees.

E11. Obtain Council approval of a resolution ordering vacation of existing public easement(s) proposed to be abandoned, if any, through Public Works Department, and pay all appropriate fees, prior to issuance of a building permit.

E12. Dedicate required on-site easements for any new public utilities and/or emergency vehicle access by means of subdivision map or approved instrument at time of development.

E13. Entire width of Comstock Street along the property frontage shall be 2” grind and overlay with digouts.

E14. All proposed sidewalk, walkway, and driveway(s), shall be per ADA compliant City standard.

E15. All proposed on-site driveways and paths shall accommodate fire truck/engine turning template.

E16. Show and comply with City’s driveway vision triangle requirements at proposed driveway. Visual obstructions over three feet in height will not be allowed within the driver's sight triangle near driveways and intersections in order to allow an unobstructed view of oncoming traffic. Contact Traffic Engineering at (408) 615-3000 for further information.

E17. Provide a minimum of 5’ wide public sidewalk & 4’ wide planter strip along the property frontage.

E18. Provide ADA walkways connecting the proposed buildings to public sidewalk.

E19. All proposed driveways shall be City standard ST-8.

E20. Provide on-site crane staging area for loading of mechanical unit(s).

E21. All traffic signing, messages, and symbols shall be thermoplastic.

E22. Unused driveways in the public right-of-way shall be replaced with City standard curb, gutter, and sidewalk per City Standard Detail ST-12.

E23. Existing non-ADA compliant frontage shall be replaced with current City Standard frontage improvements.
E24. Maintain all on street parking regulation.
E25. Protect in place all street signs along project frontage.
E26. On-street parking shall not be counted towards on-site parking requirements.
E27. For the current proposed site development, provide the following minimum bicycle parking spaces at the main entrance and/or high visible area: 9 Class I bicycle spaces and 2 Class II bicycle spaces

**SVP**

EL1. All work shown on SVP Developers Work Drawing E36081 will be required. All Conduit Tie-In's to nearby SVP facilities (as shown) will be needed – prior to receiving services.
EL2. 12-KV Services require a protection coordination study with SVP. To be completed & approved prior to energization.
EL3. SVP Fiber will require access to each POC.
EL4. Existing SVP Transformer #8523 to be removed by SVP. Developer to demolish pad as needed. Coordinate this work with an SVP estimator.
EL5. Clearances:
- a. EQUIPMENT
  - i. Ten (10) foot minimum clearance is required in front of equipment access doors. (UG1000 sheet 11)
  - ii. Five (5) foot minimum clearance from pad is required on sides without equipmen*t* access doors. (UG1000 sheet 11)
  - iii. Eighteen (18) foot minimum width, shall be provided and maintained on one side of the equipment pad to allow an electric dept. line truck to drive up next to the pad for installation and maintenance of equipment. (UG1000 Sheet 11).
  - iv. Barrier pipes are required only on sides accessible to vehicles. (UG1000 Sheet 12).
    - 1. Thirty (30) inches from side of equipment sides.
    - 2. Forty Eight (48) inches in front of access doors.
      - a. Barrier Pipes in front of access doors shall be removable.
- b. CONDUITS
  - i. Five (5) foot minimum longitudinal clearance between new conduits or piping systems (open trench installation) and any existing or proposed SVP conduit system. This is for longitudinal. (UG1250 sheet 5)
  - ii. Twelve (12) inch minimum vertical clearance between new conduit/pipes installed perpendicular to existing SVP conduits for open trench installations. (UG1000 sheet 36, UG1250 Sheet 6)
  - iii. Three (3) foot six (6) inches clearance is required from poles for open trench installation. Exceptions are for riser conduit. (UG1250 Sheet 7)
  - iv. Three (3) foot minimum clearance is required between sign posts, barrier pipes or bollards, fence posts, and other similar structures. ( UG1250 sheet 10).
  - v. Five (5) foot minimum from new splice boxes, pull boxes, manholes, vaults, or similar subsurface facilities. (UG1000 sheet 8)
  - vi. Five (5) foot minimum clearance from walls, footings, retaining wall, landscape planter, tree root barrier or other subsurface wall or structure. (UG1250 sheet 9).
  - vii. Five (5) foot minimum clearance is required between fire hydrant thrust block. The thrust block extends 5' foot on either side of the fire hydrant in line with the radial water pipe connected to the hydrant.
- c. VAULTS/MANHOLES
  - i. Ten (10) foot minimum clearance is required between adjacent Vaults or Manholes.
  - ii. Five (5) foot minimum clearance is required between adjacent conduits.

iii. Minimum 36” from face of curb, or bollards required.

d. Poles (Electrolier, Guy Stub poles, service clearance poles, self-supporting steel poles and lighting poles.)

i. Three (3) foot six (6) inches clearance is required from poles for open trench installation. Exceptions are for riser conduit. (UG1250 Sheet 7)

e. Guy Anchors

i. Five (5) foot minimum clearance is required between center of anchor line and any excavation area. (UG1250 sheet 15).

f. Trees

i. OH 1230 for Overhead Lines

ii. SD 1235 for Tree Planting Requirements near UG Electric Facilities
Reference listed SVP standards for clearances.

EL6. Installation of Underground Substructures by Developers

a. UG1250 – Encroachment Permit Clearances from Electric Facilities
a. UG0339 – Remote Switch Pad
b. OH1230 – Tree Clearances From Overhead Electric Lines
c. SD1235 – Tree Planting Requirements Near Underground Electric Facilities

EL7. Prior to submitting any project for Electric Department review, applicant shall provide a site plan showing all existing utilities, structures, easements and trees. Applicant shall also include a “Load Survey” form showing all current and proposed electric loads. A new customer with a load of 500KVA or greater or 100 residential units will have to fill out a “Service Investigation Form” and submit this form to the Electric Planning Department for review by the Electric Planning Engineer. Silicon Valley Power will do exact design of required substructures after plans are submitted for building permits.

EL8. The Developer shall provide and install electric facilities per Santa Clara City Code chapter 17.15.210.

EL9. Electric service shall be underground. See Electric Department Rules and Regulations for available services.

EL10. Installation of underground facilities shall be in accordance with City of Santa Clara Electric Department standard UG-1000, latest version, and Santa Clara City Code chapter 17.15.050.

EL11. Underground service entrance conduits and conductors shall be “privately” owned, maintained, and installed per City Building Inspection Division Codes. Electric meters and main disconnects shall be installed per Silicon Valley Power Standard MS-G7, Rev. 2.

EL12. The developer shall grant to the City, without cost, all easements and/or right of way necessary for serving the property of the developer and for the installation of utilities (Santa Clara City Code chapter 17.15.110).

EL13. If the “legal description” (not “marketing description”) of the units is condominium or apartment, then all electric meters and services disconnects shall be grouped at one location, outside of the building or in a utility room accessible directly from the outside. If they are townhomes or single-family residences, then each unit shall have its own meter, located on the structure. A double hasp locking arrangement shall be provided on the main switchboard door(s). Utility room door(s) shall have a double hasp locking arrangement or a lock box shall be provided. Utility room door(s) shall not be alarmed.

EL14. If transformer pads are required, City Electric Department requires an area of 17’ x 16’-2”, which is clear of all utilities, trees, walls, etc. This area includes a 5’-0” area away from the actual transformer pad. This area in front of the transformer may be reduced from a 8’-0” apron to a 3’-0”, providing the apron is back of a 5’-0” min. wide sidewalk. Transformer pad must be a minimum of 10’-0 from all doors and windows, and shall be located next to a level, drivable area that will support a large crane or truck.

EL15. All trees, existing and proposed, shall be a minimum of five (5) feet from any existing or proposed Electric Department facilities. Existing trees in conflict will have to be removed. Trees shall not be planted in PUE’s or electric easements.

EL16. Any relocation of existing electric facilities shall be at Developer’s expense.

EL17. Electric Load Increase fees may be applicable.

EL18. The developer shall provide the City, in accordance with current City standards and specifications, all trenching, backfill, resurfacing, landscaping, conduit, junction boxes, vaults, street light foundations, equipment pads and subsurface housings required for power distribution, street lighting, and signal communication systems, as required by the City in the development of frontage and on-site property. Upon completion of improvements satisfactory to the City, the City shall accept the work. Developer shall further install at his cost the service facilities, consisting of service wires, cables, conductors, and associated equipment necessary to connect a customer to the electrical supply system of and by the City. After completion of the facilities installed by developer, the City shall furnish and install all cable, switches, street lighting poles, luminaries, transformers, meters, and other equipment that it deems necessary for the betterment of the system (Santa Clara City Code chapter 17.15.210 (2)).

EL19. Electrical improvements (including underground electrical conduits along frontage of properties) may be required if any single non-residential private improvement valued at $200,000 or more or any series of non-residential private improvements made within a three-year period valued at $200,000 or more (Santa Clara City Code Title 17 Appendix A (Table III)).

EL20. Non-Utility Generator equipment shall not operate in parallel with the electric utility, unless approved and reviewed by the Electric Engineering Division. All switching operations shall be "Open-Transition-Mode", unless specifically authorized by SVP Electric Engineering Division. A Generating Facility Interconnection Application must be submitted with building permit plans. Review process may take several months depending on size and type of generator. No interconnection of a generation facility with SVP is allowed without written authorization from SVP Electric Engineering Division.

EL21. Encroachment permits will not be signed off by Silicon Valley Power until Developers Work substructure construction drawing has been completed.

EL22. All SVP-owned equipment is to be covered by an Underground Electric Easement (U.G.E.E.) This is different than a PUE. Only publically-owned dry utilities can be in a UGEE. Other facilities can be in a joint trench configuration with SVP, separated by a 1' clearance, providing that they are constructed simultaneously with SVP facilities. See UG 1000 for details.

EL23. Proper clearance must be maintained from all SVP facilities, including a 5' clearance from the outer wall of all conduits. This is in addition to any UGEE specified for the facilities. Contact SVP before making assumptions on any clearances for electric facilities.

EL24. Transformers and Switch devices can only be located outdoors. These devices MAY be placed 5' from an outside building wall, provided that the building wall in that area meets specific requirements. (See UG 1000 document for specifics) EXAMPLE: If there are any doors, windows, vents, overhangs or other wall openings within 5' of the transformer, on either side, then the transformer MUST be 10' or more away from the building. These clearances are to be assumed to be clear horizontally 5' in either direction and vertically to the sky.

EL25. All existing SVP facilities, onsite or offsite, are to remain unless specifically addressed by SVP personnel by separate document. It is the Developers responsibility to maintain all clearances from equipment and easements. Developer to contact SVP outside of the PCC process for clear definitions of these clearance requirements. Developer should not assume that SVP will be removing any existing facilities without detailed design drawings from SVP indicating potential removals. *Simply indicating that SVP facilities are to be removed or relocated on conceptual plans does not imply that this action has been approved by SVP.*

EL26. SVP does not utilize any sub-surface (below grade) devices in it's system. This includes transformers, switches, etc.

EL27. All interior meter rooms at ground level are to have direct, outside access through only ONE door. Interior electric rooms must be enclosed in a dedicated electric room and cannot be in an open warehouse or office space.

EL28. High Rise Metering and Multi-Floor Infrastructure Requirements

a. Meter rooms located inside shall be approved by SVP Meter Department during the design phase, or be located outside.
b. All residential meter centers shall be modular grouped installations with individual breakers, and on the approved meter base list. Such equipment shall be referred to SVP Meter Department prior to making commitments for the purchase and installation of such equipment.
c. All meter locations shall be subject to SVP Meter Department approval.
d. Customer shall provide a dedicated 20 amp circuit outlet near the 36" plywood board.
e. Customer will supply 36" plywood board floor to ceiling in meter room that will be used for radiating communication cable. This board shall have 36" front working clearance at all times.
f. Meter rooms shall have a 4" Hilti "Speed Sleeve" or an equivalent sleeving product with a 4hr stop cloth centered in front of the 36" plywood board.
g. Any floor that the SVP communication cable will pass through that does not have a meter room, the communication cable shall have continuous piece of 4" schedule 40 PVC conduit.
h. All conduits shall not have more than 360 degrees of cumulative turn for one vertical stack of meter rooms. The only openings allowed in conduit are in electrical meter rooms. (No pulling points in conduit).
i. Conduit shall continue to the roof into an SVP approved CT cabinet (32"x32"x15") on the roof. Customer shall provide a dedicated 20 amp circuit outlet in CT cabinet. From the CT cabinet the customer shall provide 2" conduit to a structure 36" taller than any other structure on the roof. Conduit shall also continue to lowest floor electric meter room.
j. Lowest floor meter room shall have an SVP approved CT cabinet installed with a 2" conduit that runs to the exterior of the building. The point at which it exits the building must be between 8' and 10' with an 8" x 8" x 6" 3R NEMA rated enclosure.
k. Before any bus duct is energized all meter sockets shall be covered, sealed, and tagged with a transparent plastic cover plate provided by the customer, or all main disconnects will be locked out with SVP lock.
l. A location near the door for installation of a key box, a key fitting the meter room door for the key box, and a sign on the exterior door stating "Meter Room #xx". If multiple meter rooms are needed, each meter room door shall have a dedicated key box with key. If the door locks are changed, contact SVP to coordinate the exchange of keys.
m. Customer shall install SVP 4" UE conduit in front of the 36" plywood board at the Ground Level Meter room. SVP 4" UE conduit will be run outside to a designated UE box determined by SVP.
n. Each meter room shall have access directions to each meter room, 24hr contact information for building security and building maintenance, and Meter Room Number placed on the wall that is visible from any location in the room.

EL29. In the case of podium-style construction, all SVP facilities and conduit systems must be located on solid ground (aka "real dirt"), and cannot be supported on parking garage ceilings or placed on top of structures.

EL30. Applicant is advised to contact SVP (CSC Electric Department) to obtain specific design and utility requirements that are required for building permit review/approval submittal. Please provide a site plan to Leonard Buttitta at 408-615-6620 to facilitate plan review.

**WATER**

W1. The proposed development impact to the potable water system will be analyzed using the City's hydraulic modeling program for a fee paid by the Developer. This will determine projected available fire

flow capacity and residual pressure from public fire hydrants and on-site fire system connection points at the City's main during a fire event. If there is a deficiency in the existing potable water distribution or storage infrastructure, the developer will be required to upgrade the potable water system as determined and approved by the City. The required potable water system upgrades will be at developer's expense. The evaluation may change based on pending development applications and future projects. The potable water hydraulic analysis does not guarantee or in any way reserves or holds distribution capacity until developer has Final Approval for the project.

W2. Approved backflow prevention device(s) are required on all potable water services. The applicant shall submit plans showing the location of the approved backflow prevention device(s). Note that all new water meters and backflow prevention devices shall be located behind the sidewalk in a landscape area.

W3. For fire flow information, applicant shall coordinate with Water and Sewer Utilities Department at (408)615-2000.

W4. Fire hydrants shall be located two feet behind monolithic sidewalk if sidewalk is present; two feet behind face of curb if no sidewalk is present, per City Std Detail 18. Fire hydrant shall be located in landscaped area.

W5. The applicant shall submit a composite utility plan showing all utilities (including electrical) and landscaping (trees/shrubbery) so that the Water Department can verify conflicts for proposed water services. Note that all new water meters and backflow prevention devices shall be located behind the sidewalk in a landscape area.

W6. The applicant shall upgrade the existing 12" AC water main along Comstock Street with a new 12" DIP pipe water main. The water main upgrade shall extend the entire length of the property's frontage.

W7. The applicant shall bear the cost of any relocation or abandonment of existing Water Department facilities required for project construction to the satisfaction of the Director of Water and Sewer Utilities.

W8. Prior to issuance of Building Permits, the applicant shall submit design plans for construction of water utilities that comply with the latest edition of the Water & Sewer Utilities Water Service and Use Rules and Regulations, Water System Notes, and Water Standard Details and Specifications. In addition, prior to the City's issuance of Occupancy, the applicant shall construct all public water utilities per the approved plans. The Water & Sewer Utilities will inspect all public water utility installations and all other improvements encroaching public water utilities.

W9. Prior to City's issuance of Building or Grading Permits, the applicant shall provide a dedicated water utility easement around the backflow prevention device onsite. The water utility easement for the water services and all other public water appurtenances shall be a minimum 15 feet wide and be adjacent to the public right-of-way without overlapping any public utility easement. Additionally, the applicant shall submit plans defining existing easements so Water Division can verify if there are any conflicts with proposed easements and water utilities.

W10. Prior to the issuance of Building Permits, the applicant shall provide documentation of water usage so the Water Division can verify the appropriate size of all proposed water meters greater than 2". The existing services shall be abandoned and new separate dedicated water services shall be provided for each use (domestic and irrigation).

W11. Prior to issuance of Building Permits, the applicant shall provide the profile section details for utilities crossing water, sewer, or reclaimed water mains to ensure a 12" minimum vertical clearance is maintained.

W12. Upon completion of construction and prior to the City's issuance of a Certificate of Occupancy, the applicant shall provide "as-built" drawings of the on-site public water utility infrastructure prepared by a registered civil engineer to the satisfaction of the Director of Water & Sewer Utilities Department.

**FIRE**

F1. At time of Building Permit application, provide documentation to show the minimum required fire-flow for the building based on the construction type and square footage in accordance with the California

Fire Code, Appendix B, Table B105.1 can be met. A 75% reduction in fire-flow is allowed with the installation of a automatic fire sprinkler system designed in accordance with California Fire Code § B105.2. The resulting fire-flow shall not be less than 1,500 gallons per minute (or 1,000 gallons perThe Fire Department's review was limited to verifying compliance per the 2019 California Fire Code (CFC), Section 503 (Fire Apparatus Access Roads), Section 507 (Fire Protection Water Supplies), Appendix B (Fire-Flow Requirements for Buildings) and Appendix C (Fire Hydrant Locations and Distribution) and City of Santa Clara Requirements.

F2. At time of Building Permit application provide documentation to show the minimum required fire-flow for the building based on the construction type and square footage in accordance with the California Fire Code, Appendix B, Table B105.1 can be met. A 75% reduction in fire-flow is allowed with the installation of a automatic fire sprinkler system designed in accordance with California Fire Code § B105.2. The resulting fire-flow shall not be less than 1,500 gallons per minute (or 1,000 gallons per minute for NFPA 13 fire sprinkler systems) minute for the prescribed duration.

F3. At time of Building Permit application, the required number, location and distribution of fire hydrants for the building based on the California Fire Code, Appendix C, Table C102.1 shall be incorporated into the construction documents. The required number of fire hydrants shall be based on the fire-flow <u>before the reduction</u>.

F4. At time of Building Permit application, construction documents for proposed fire apparatus access, location of fire lanes and construction documents and hydraulic calculations for fire hydrant systems shall be submitted to the Fire Prevention and Hazardous Materials Division.

F5. Prior to the start of construction, fire protection water supplies shall be installed and made serviceable prior to the time of construction or prior to combustible materials being moved onsite, unless an approved alternative method of protection is approved by the Fire Prevention and Hazardous Materials Division.

F6. At time of Building Permit application, construction documents for the fire department apparatus access roads are required submitted to the Fire Prevention and Hazardous Materials Division. Access roadways shall be provided to comply with all of the following requirements:

a. Fire apparatus access roadways shall be provided for every facility, building, or portion of a building hereafter constructed or moved when any portion of an exterior wall of the first story of the building is located more than 150 feet from fire apparatus access as measured by an approved route around the exterior of the building.
b. Fire apparatus access roadways shall have a "minimum" width of a fire apparatus access roadway for Engines is 20 feet. The "minimum" width of roadways for aerial apparatus is 26 feet. Ariel access roadways shall be located a minimum of 15 feet and a maximum of 30 feet from the protected building and positioned parallel to one entire sides of the building. The side of the building shall be approved by the Fire Prevention and Hazardous Materials Division.
c. Fire access roadways shall have a "minimum" unobstructed vertical clearance of not less than 13 feet 6 inches. Aerial apparatus access roads may require additional vertical clearance.
d. Fire access roadways shall All fire department access roadways shall be an all-weather surface designed to support the imposed load of fire apparatus with a gross vehicle weight of 75,000-pounds.
e. Fire apparatus access roadways shall have a "minimum" inside turning radius for fire department access roadways shall be 36 feet or greater.
f. Dead-end fire apparatus access roadways in excess of 150 feet in length shall be provided with approved provisions for turning around.
g. The grade for emergency apparatus access roadways shall not exceed 10 percent to facilitate fire-ground operations.
h. Buildings or facilities having a gross building area of more than 62,000 square feet shall be provided with two separate and approved fire apparatus access roadways. When multiple fire apparatus access roadways are required the roadways shall be placed a distance apart equal to

not less than one half of the length of the maximum overall diagonal dimension of the property or area to be served, measured in a straight line between accesses.

i. Traffic calming devices are not permitted on any designated fire access roadway, unless approved by the Fire Prevention & Hazardous Materials Division.

j. All Fire Department Access roadways shall be recorded as an Emergency Vehicle Access Easement (EVAE) on the final map. No other instruments will be considered as substitutions such as P.U.E, Ingress/Egress easements and/or City Right-of-Ways.

F7. Provisions shall be made for Emergency Responder Radio Coverage System (ERRCS) equipment, including but not limited to pathway survivability in accordance with Santa Clara Emergency Responder Radio Coverage System Standard.

F8. All gates installed on designated fire department access roads are required to electrically automatic powered gates. Gates shall be provided with an emergency battery power supply, or shall be a fail-safe design, allowing the gate to be pushed open without the use of special knowledge or equipment. To control the automatic gates a detector/strobe switch shall be installed to allow emergency vehicles (e.g., fire, police, ems) to flash a vehicle mounted strobe light towards the detector/strobe switch, which in turn overrides the system and opens the gate. The gates shall be equipped with a TOMAR Strobe Switch or 3M OPTICOM Detector to facilitate this override. Said device shall be mounted at a minimum height of seven feet (7') above the adjacent road surface and is subject to an acceptance test witnessed by the Fire Department prior to final approval of the project.

F9. Prior to issuance of a Building Demo Permit, Steps 1 through 3 summarized below must be addressed during the planning phase of the project. Submit Phase II environmental documents:

a. **Step 1** – Hazardous Materials Closure (HMCP): This is a permit is issued by the Santa Clara Fire Department, Fire Prevention & Hazardous Materials Division. Hazardous materials closure plans are required for businesses that used, handled or stored hazardous materials. While required prior to closing a business this is not always done by the business owner, and therefore should be part of the developer's due diligence. The hazardous materials closure plans demonstrate that hazardous materials which were stored, dispensed, handled or used in the facility/business are safely transported, disposed of or reused in a manner that eliminates any threat to public health and environment.

b. **Step 2** – Site Mitigation: Site mitigation is the cleanup or management of chemical contaminants in soil, soil vapor or groundwater. The type and extent of contamination on site(s) governs which of the regulatory agencies noted below will supervise the cleanup.
   - Santa Clara Fire Department, Fire Prevention & Hazardous Materials Division (CUPA)
   - Department of Toxic Substances Control (DTSC)
   - State Water Resources Control Board
   - Santa Clara County, Department of Environmental Health.

c. **Step 3** – Community Development, Building Division Demolition Application: For the majority of projects within the City of Santa Clara, Steps 1 and/or 2 described above need to be completed prior to proceeding to demolition application in order to avoid permit approval delays. The purpose of a demolition permit is to ensure that the parcel is clear of debris and other health hazard material (lead, asbestos, etc.) and that the utility connections have been plugged and sealed."

F10. To mitigate deficiencies noted in this letter, the Design Team has the opportunity to submit an Alternate Means and Method Application (AMMA) Permit directly to the Fire Department, when substantially completed architectural plans are submitted for Building permits. The AMMA will be reviewed in conjunction with the Building permit set. Any discussions regarding mitigations during the Planning phase are not binding. **(Roadways shown are only 22 feet. But since there are hydrants SCFD Standard/Appendix D requires 26 feet minimum. This will need to be mitigated in the form of an acceptable AMMA).**

F11. Nothing in this review is binding. Final configurations will be reviewed upon the Building Permit application.

**STREETS**

STORMWATER

ST1. Prior to City's issuance of Building or Grading Permits, the applicant shall develop a Final Stormwater Management Plan, update the SCVURPPP C.3 Data Form, prepare and submit for approval an Erosion and Sediment Control Plan. *Project's contractor, sub-contractors and if applicable, Qualified SWPPP Practitioner (QSP) shall attend a pre-construction meeting prior to the start of construction, which will be coordinated through the Building Division.*

ST2. The Final Stormwater Management Plan and all associated calculations shall be reviewed and certified by a qualified 3rd party consultant from the SCVURPPP List of Qualified Consultants, and a 3rd party review letter shall be submitted with the Plan.

ST3. For projects that disturb a land area of one acre or more, the applicant shall file a Notice of Intent (NOI) with the State Water Resources Control Board for coverage under the State Construction General Permit (Order No. 2009-0009-DWQ) prior to issuance of any building permit for grading or construction. A copy of the NOI shall be submitted to the City Building Inspection Division, along with a stormwater pollution prevention plan (SWPPP). Active projects covered under the Construction General Permit will be inspected by the City once per month during the wet season (October – April).

ST4. The applicant shall incorporate Best Management Practices (BMPs) into construction plans and incorporate post-construction water runoff measures into project plans in accordance with the City's Urban Runoff Pollution Prevention Program standards prior to the issuance of Building or Grading Permits. Proposed BMPs shall be submitted to and thereafter reviewed by the Planning Division and the Building Inspection Division for incorporation into construction drawings and specifications.

ST5. During the construction phase, all stormwater control measures shall be inspected for conformance to approved plans by a qualified 3rd party consultant from the SCVURPPP List of Qualified Consultants, and *a 3rd party inspection letter (with the signed C.3 Construction Inspection checklist as an attachment) shall be submitted to the Public Works Department (Contact Rinta Perkins, Compliance Manager for a copy of the C.3 Construction Inspection checklist).* As-Built drawing shall be submitted to the Public Works Department. Building occupancy will not be issued until all stormwater treatment measures have been adequately inspected and O&M Agreement is executed. For more information contact Rinta Perkins at (408) 615-3081 or rperkins@santaclaraca.gov

ST6. Soils for bioretention facilities must meet the specifications accepted by the Water Board. If percolation rate test of the biotreatment soil mix is not performed on-site, a certification letter from the supplier verifying that the soil meets the specified mix.

ST7. The property owner shall enter into an Operation and Maintenance (O&M) Agreement with the City for all installed stormwater treatment measures in perpetuity. Applicants should contact Karin Hickey at (408) 615-3097 or KaHickey@santaclaraca.gov for assistance completing the Agreement. For more information and to download the most recent version of the O&M Agreement, visit the City's stormwater resources website at http://santaclaraca.gov/stormwater.

ST8. Developer shall purchase and install full trash capture devices for all storm drain inlets on-site, which must be maintained by the property owner in perpetuity. Maintenance and inspection of full trash capture devices shall be addressed in the O&M Agreement.

ST9. Developer shall install an appropriate stormwater pollution prevention message such as "No Dumping – Flows to Bay" on any storm drains located on private property.

ST10. Interior floor drains shall be plumbed to the sanitary sewer system and not connected to the City's storm drain system.

ST11. Floor drains within trash enclosures shall be plumbed to the sanitary sewer system and not connected to the City's storm drain system.

ST12. All outdoor equipment and materials storage areas shall be covered and/or bermed, or otherwise designed to limit the potential for runoff to contact pollutants.
ST13. Any site design measures used to reduce the size of stormwater treatment measures shall not be removed from the project without the corresponding resizing of the stormwater treatment measures and an amendment of the property's O&M Agreement.
ST14. Decorative and recreational water features such as fountains, pools, and ponds shall be designed and constructed to drain to the sanitary sewer system only.
ST15. Stormwater treatment facilities must be designed and installed to achieve the site design measures throughout their life in accordance to the SCVRUPPP C.3 Stormwater Handbook (Chapter 6 and Appendix C). They shall be installed using biotreatment soil media that meet the minimum specifications as set forth in this Handbook.
ST16. Developer shall select appropriate plant materials to promote stormwater treatment measure while implementing integrated pest management and water conservation practices in accordance to the SCVRUPPP C.3 Stormwater Handbook (Appendix D).
ST17. The use of architectural copper is discouraged. If such material is used, all wastewater generated by the installation, cleaning, treating, or washing of the surface of copper architectural features, including copper roofs, shall not be discharged to the City's storm drain system.

SOLID WASTE

ST18. For projects that involve construction, demolition or renovation of 5,000 square feet or more, the applicant shall comply with City Code Section 8.25.285 and recycle or divert at least sixty five percent (65%) of materials generated for discard by the project during demolition and construction activities. No building, demolition, or site development permit shall be issued unless and until applicant has submitted a construction and demolition debris materials check-off list. Applicant shall create a **Waste Management Plan** and submit, for approval, a Construction and Demolition Debris Recycling Report through the City's online tracking tool at http://santaclara.wastetracking.com/.
ST19. Project applicant shall contact the Public Works Department, Street Maintenance Division at (408) 615-3080 to verify if the property falls within the City's exclusive franchise hauling area. If so, the applicant may be required to use the City's exclusive franchise hauler and rate structure for solid waste services. Project applicant shall submit to the Public Works Department a written approval (clearance) from the designated hauler on the project's Trash Management Plan.
ST20. The applicant shall provide a site plan showing all proposed locations of solid waste containers, enclosure locations, and street/alley widths to the Public Works Department. All plans shall comply with the City's Development Guidelines for Solid Waste Services as specified by development type. Contact the Public Works Department at Environment@santaclaraca.gov or at (408) 615-3080 for more information.
ST21. Building must have enclosures for garbage, recycling and organic waste containers. The size and shape of the enclosure(s) must be adequate to serve the estimated needs and size of the building(s) onsite, and should be designed and located on the property so as to allow ease of access by collection vehicles. Roofed enclosures with masonry walls and solid metal gates are the preferred design. Any required enclosure fencing (trash area, utility equipment, etc.) if not see-thru, shall have a six (6) inch opening along the bottom for clear visibility. Any gates or access doors to these enclosures shall be locked.
ST22. All refuse from all residential, commercial, industrial and institutional properties within the city shall be collected at least once a week, unless otherwise approved in writing (SCCC 8.25.120). Garbage service level required for residential developments (single-family and multi-family) as well as motels and hotels shall be no less than twenty (20) gallons per unit. All project shall submit to the Public Works Department the preliminary refuse service level assessment for approval.

**HOUSING & COMMUNITY SERVICES**

H1. This Project is subject to the Affordable Housing requirements which may be met through payment of an impact fee of $2.00 per square foot. The estimated fees are calculated as follow: 121,170 sq ft (proposed) minus 23,765 sq ft (existing) = $194,810. Fees are based on the current Municipal Fee Schedule in effect at the time the project is approved and must be paid prior to the issuance of the occupancy certificate of the building.

# 1111 COMSTOCK DATA CENTER

## 1111 COMSTOCK STREET, SANTA CLARA, CA 95054

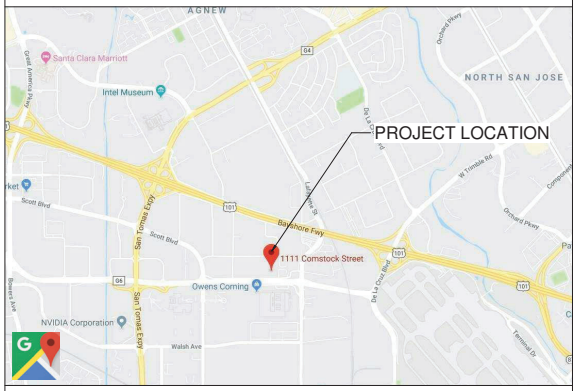
## PROJECT DATA

### SCOPE OF WORK

NEW 4 STORY DATA CENTER

| | | | |
|---|---|---|---|
| BUILDING ADDRESS: | 1111 COMSTOCK ST, SANTA CLARA, CA 95054 | PARKING: | 1 HC STALL<br>23 UNIVERSAL STALLS |
| TYPE OF CONSTRUCTION: | IIA | ZONING: | LIGHT INDUSTRIAL |
| NUMBER OF STORIES: | 4 | LOT AREA: | 60,064 GSF |
| FIRST FLOOR AREA: | 29,646 GSF | LOT COVERAGE: | .508 |
| SECOND FLOOR AREA: | 30,508 GSF | | |
| THIRD FLOOR AREA: | 30,508 GSF | | |
| FOURTH FLOOR AREA: | 30,508 GSF | | |
| TOTAL BUILDING AREA: | 121,170 GSF +/- | | |
| OCCUPANCY: | S-1, B | | |

## VICINITY MAP




## SHEET INDEX


| NUMBER | NAME |
|---|---|
| 0 - Architectural | |
| A0.0 | COVER SHEET AND PROJECT DATA |
| A1.0 | ARCHITECTURAL SITE PLAN |
| A1.1 | LEVEL 1 PLAN |
| A1.2 | LEVEL 2 PLAN |
| A1.3 | LEVEL 3 PLAN |
| A1.4 | LEVEL 4 PLAN |
| A1.5 | LEVEL ROOF PLAN |
| A5.0 | BUILDING SECTIONS |
| A7.1 | EXTERIOR ELEVATIONS SOUTH AND EAST |
| A7.2 | EXTERIOR ELEVATIONS NORTH AND WEST |
| A7.3 | EXTERIOR ELEVATIONS SOUTH AND EAST - 3 LEVEL |
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| 2 - Landscape | |
| L.1 | IRRIGATION HYDROZONE PLAN |
| L.2 | PLANTING DETAILS |
| L.3 | COMPOSITE UTILITY/ TREE PLANTING PLAN |


20

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### AGENCY APPROVAL

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1111 COMSTOCK

1111 COMSTOCK ST, SANTA CLARA, CA, 95054

**CAC PROJECT NO.** 11288

### REVISIONS

| No. | Description | Date |
|---|---|---|

### KEY PLAN & NORTH ARROW

**DATE** 5.26.2020

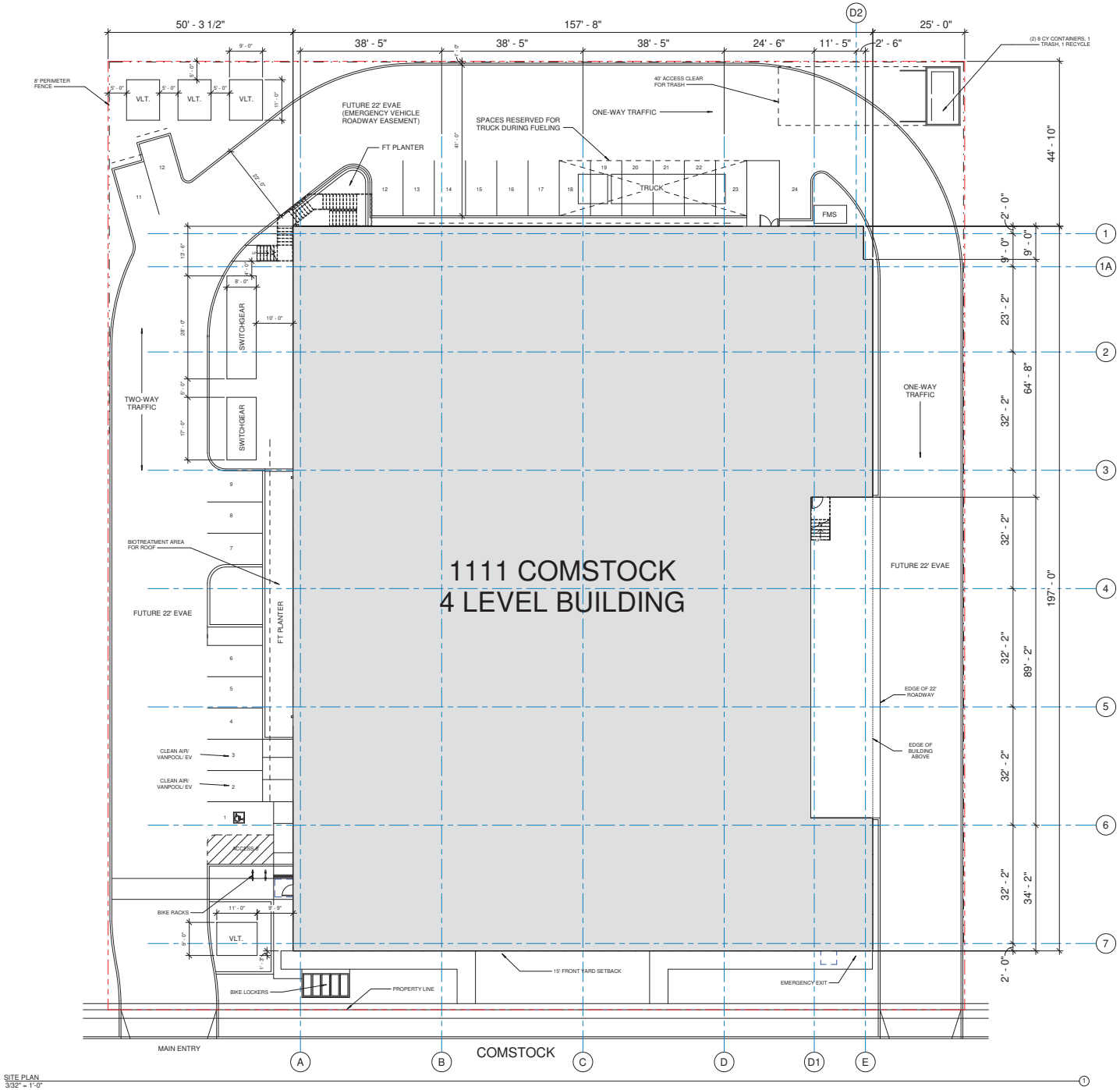
**SCALE**

**DRAWING TITLE**

COVER SHEET AND PROJECT DATA

**SHEET NO.**

**A0.0**




SITE PLAN
3/32" = 1'-0"

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**CAC PROJECT NO.** 11288

**REVISIONS**

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|---|---|---|

**KEY PLAN & NORTH ARROW**

**DATE** 5.26.2020

**SCALE** 3/32" = 1'-0"

**DRAWING TITLE**

**ARCHITECTURAL SITE PLAN**

**SHEET NO.**

**A1.0**

LEVEL 1 PLAN
3/32" = 1'-0"


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**AGENCY APPROVAL**

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1111 COMSTOCK ST, SANTA CLARA, CA, 95054

**CAC PROJECT NO.** 11288

**REVISIONS**

| No. | Description | Date |
|---|---|---|

**KEY PLAN & NORTH ARROW**

**DATE** 5.26.2020

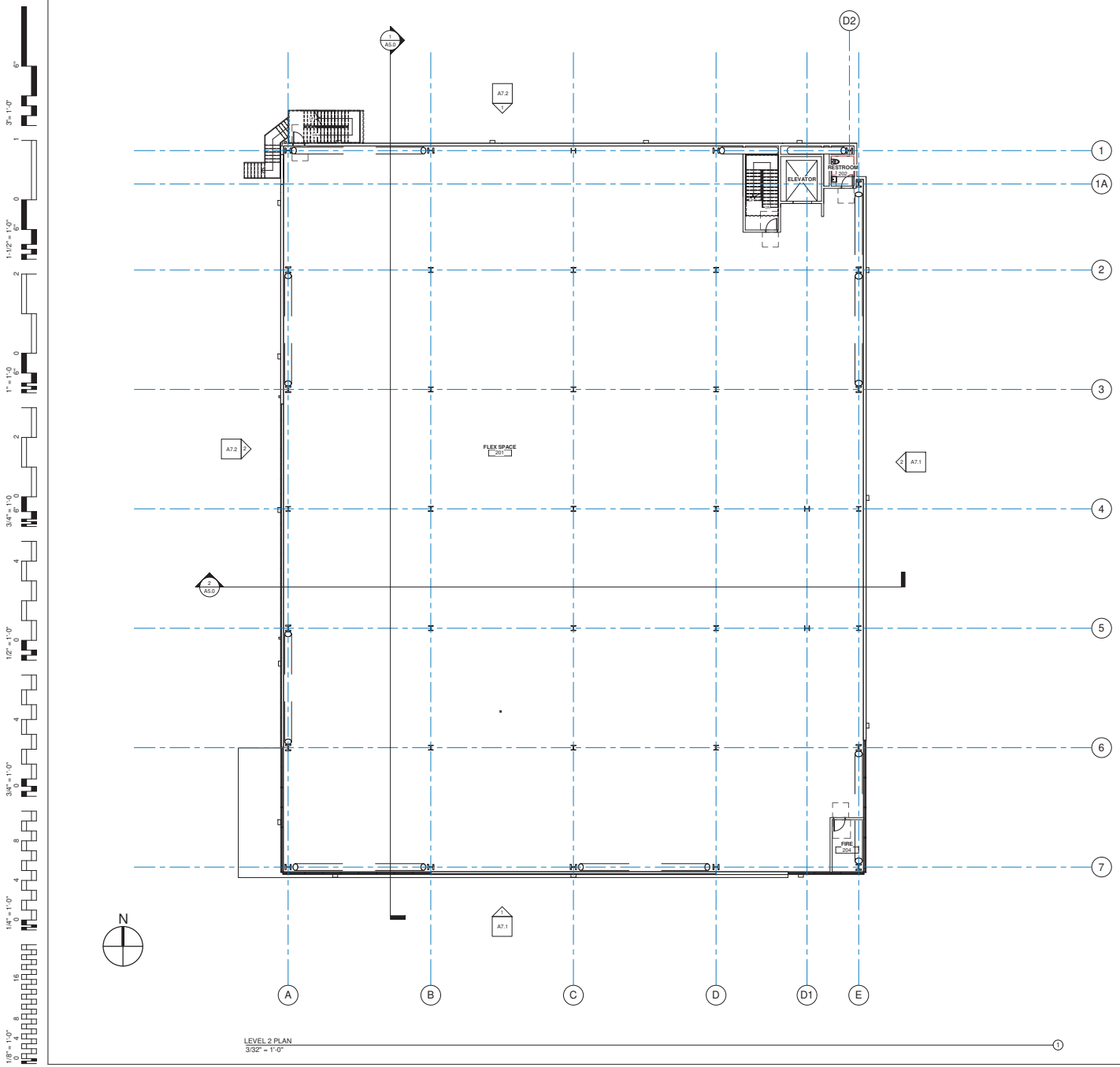
**SCALE** 3/32" = 1'-0"

**DRAWING TITLE**

**LEVEL 1 PLAN**

**SHEET NO.**

**A1.1**





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**AGENCY APPROVAL**

**PROJECT**

PRIME DATA CENTERS

1111 COMSTOCK

1111 COMSTOCK ST, SANTA CLARA, CA, 95054

**CAC PROJECT NO.** 11288

**REVISIONS**

| No. | Description | Date |
|---|---|---|

**KEY PLAN & NORTH ARROW**

**DATE** 5.26.2020

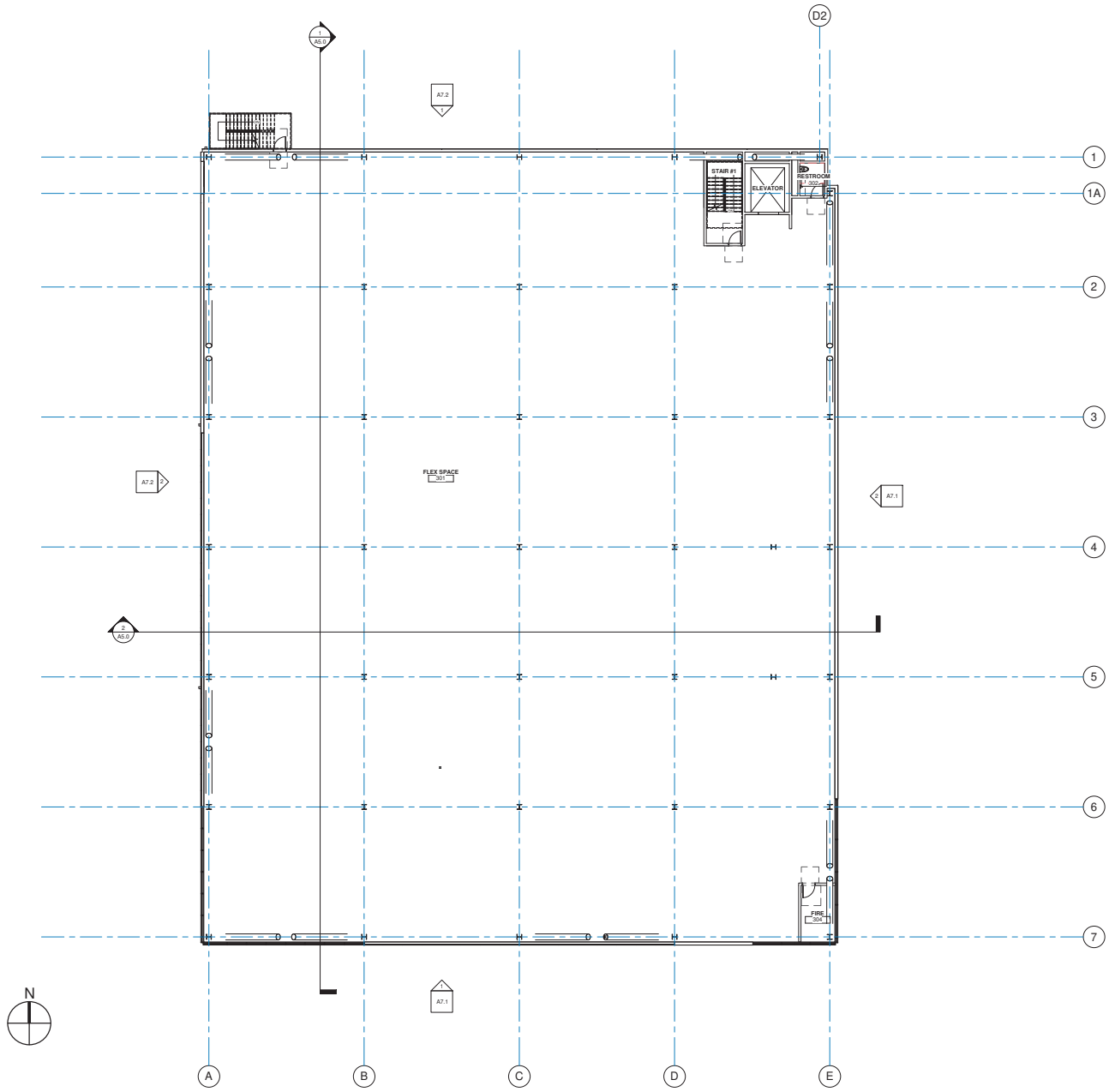
**SCALE** 3/32" = 1'-0"

**DRAWING TITLE**

**LEVEL 2 PLAN**

**SHEET NO.**

**A1.2**




LEVEL 3 PLAN
3/32" = 1'-0"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**AGENCY APPROVAL**

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**CAC PROJECT NO.** 11288

**REVISIONS**

| No. | Description | Date |
|---|---|---|

**KEY PLAN & NORTH ARROW**

**DATE** 5.26.2020

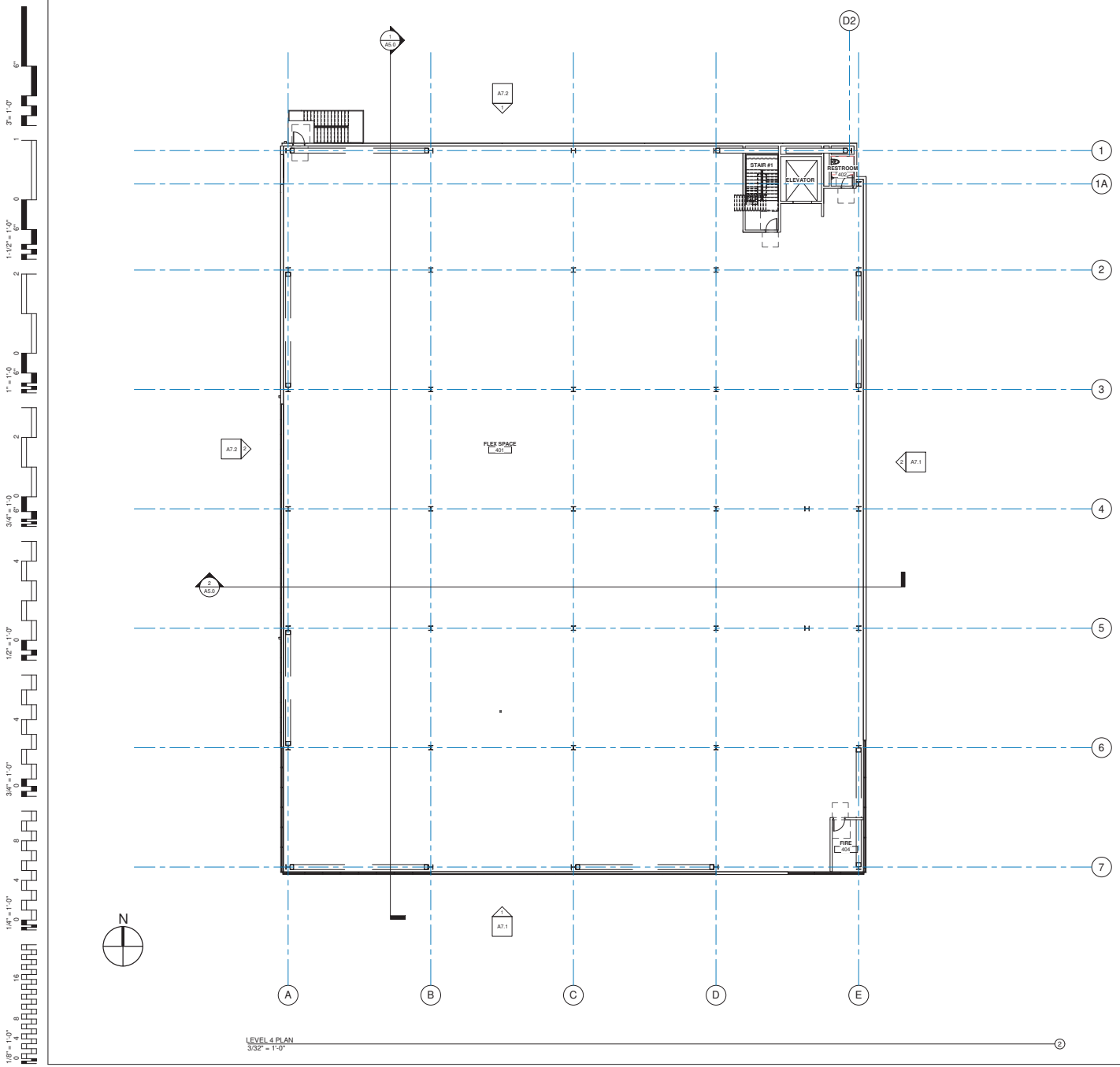
**SCALE** 3/32" = 1'-0"

**DRAWING TITLE**

**LEVEL 3 PLAN**

**SHEET NO.**

**A1.3**




LEVEL 4 PLAN
3/32" = 1'-0"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**CAC PROJECT NO.** 11288

**REVISIONS**

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|---|---|---|

**KEY PLAN & NORTH ARROW**

**DATE** 5.26.2020

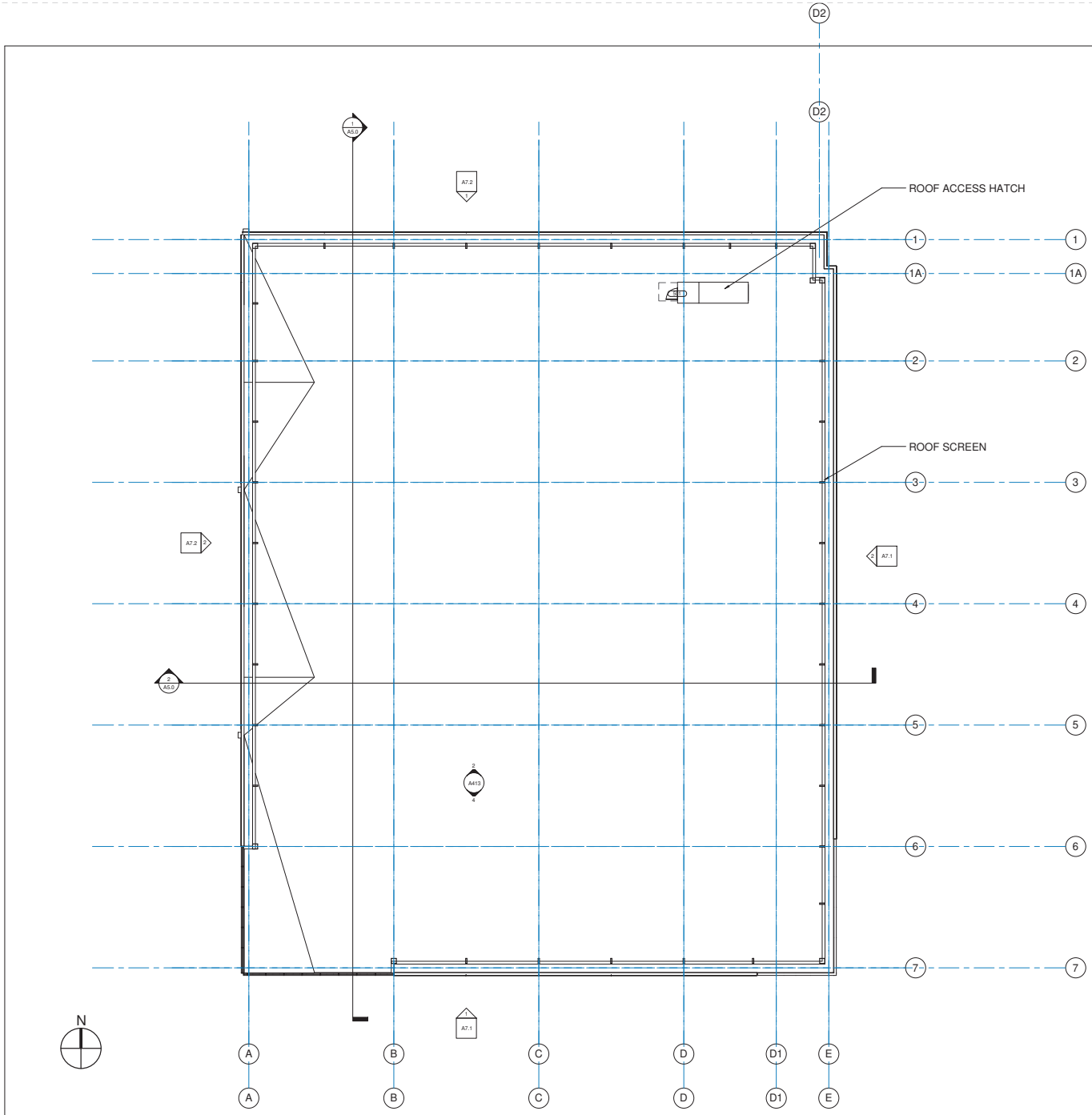
**SCALE** 3/32" = 1'-0"

**DRAWING TITLE**

**LEVEL 4 PLAN**

**SHEET NO.**

**A1.4**




LEVEL ROOF PLAN
3/32" = 1'-0"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**DATE** 5.26.2020

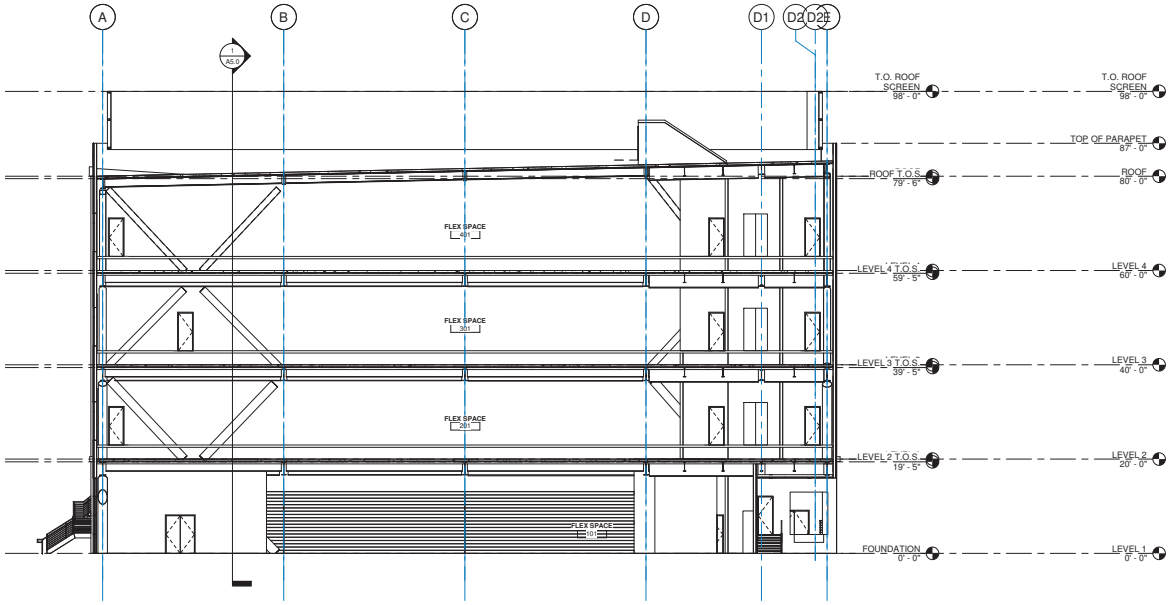
**SCALE** 3/32" = 1'-0"

**DRAWING TITLE**

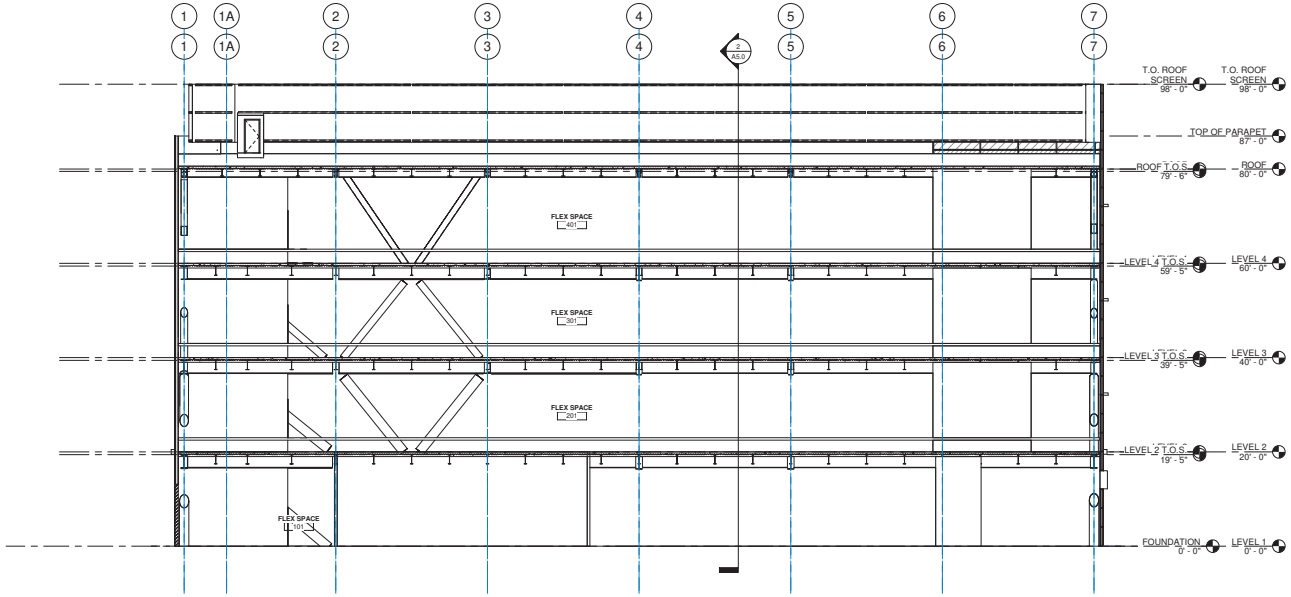
**LEVEL ROOF PLAN**

**SHEET NO.**

**A1.5**




EAST - WEST SECTION
3/32" = 1'-0"




NORTH - SOUTH SECTION
3/32" = 1'-0"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**CAC PROJECT NO.** 11288

**REVISIONS**

| No. | Description | Date |
|---|---|---|

**KEY PLAN & NORTH ARROW**

**DATE** 5.26.2020

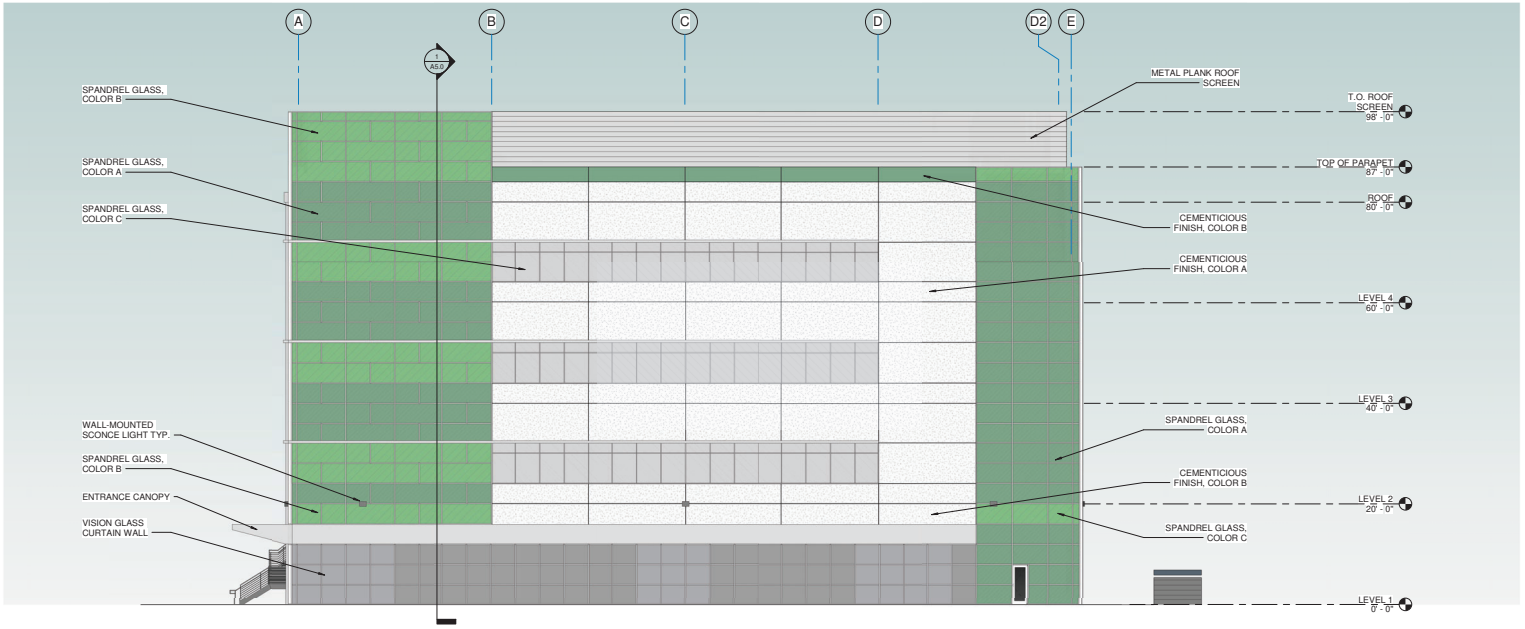
**SCALE** 3/32" = 1'-0"

**DRAWING TITLE**

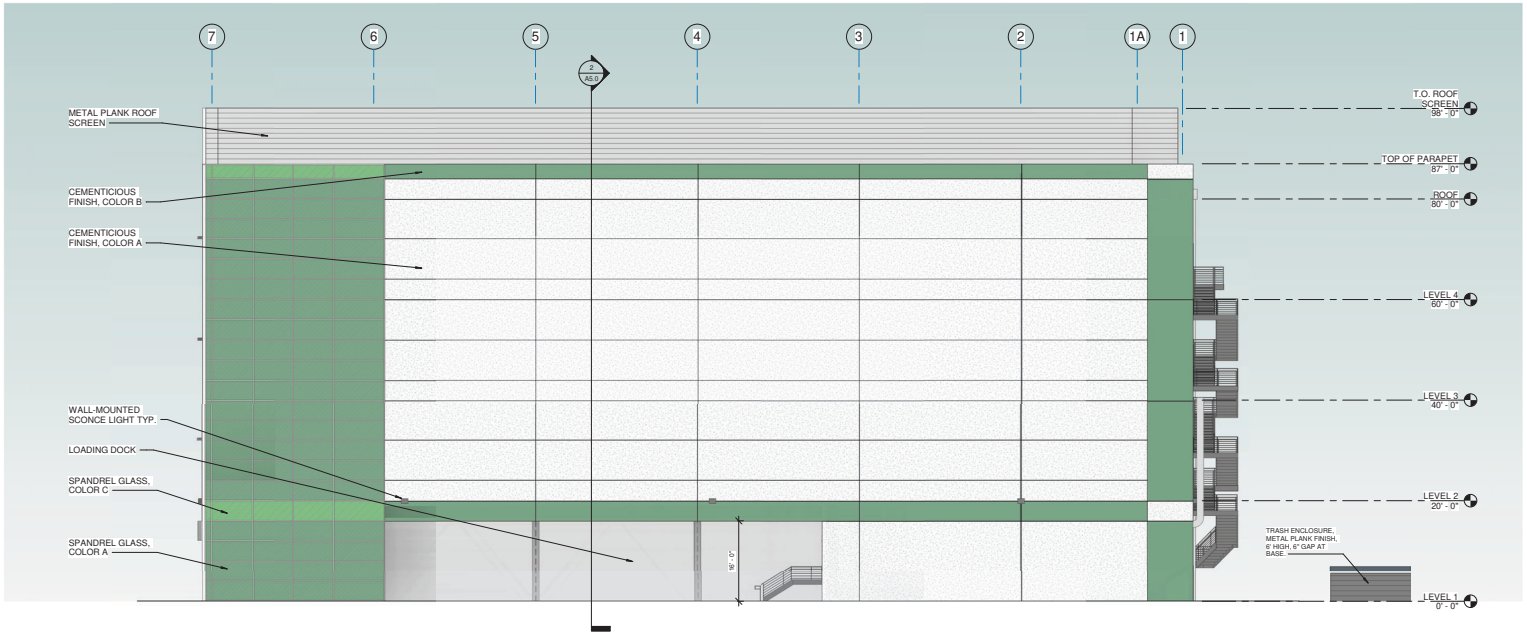
**BUILDING SECTIONS**

**SHEET NO.**

**A5.0**




SOUTH VIEW
1" = 10'-0"




EAST VIEW
1" = 10'-0"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**CAC PROJECT NO.** 11288

**REVISIONS**

| No. | Description | Date |
|---|---|---|

**KEY PLAN & NORTH ARROW**

**DATE** 5.26.2020

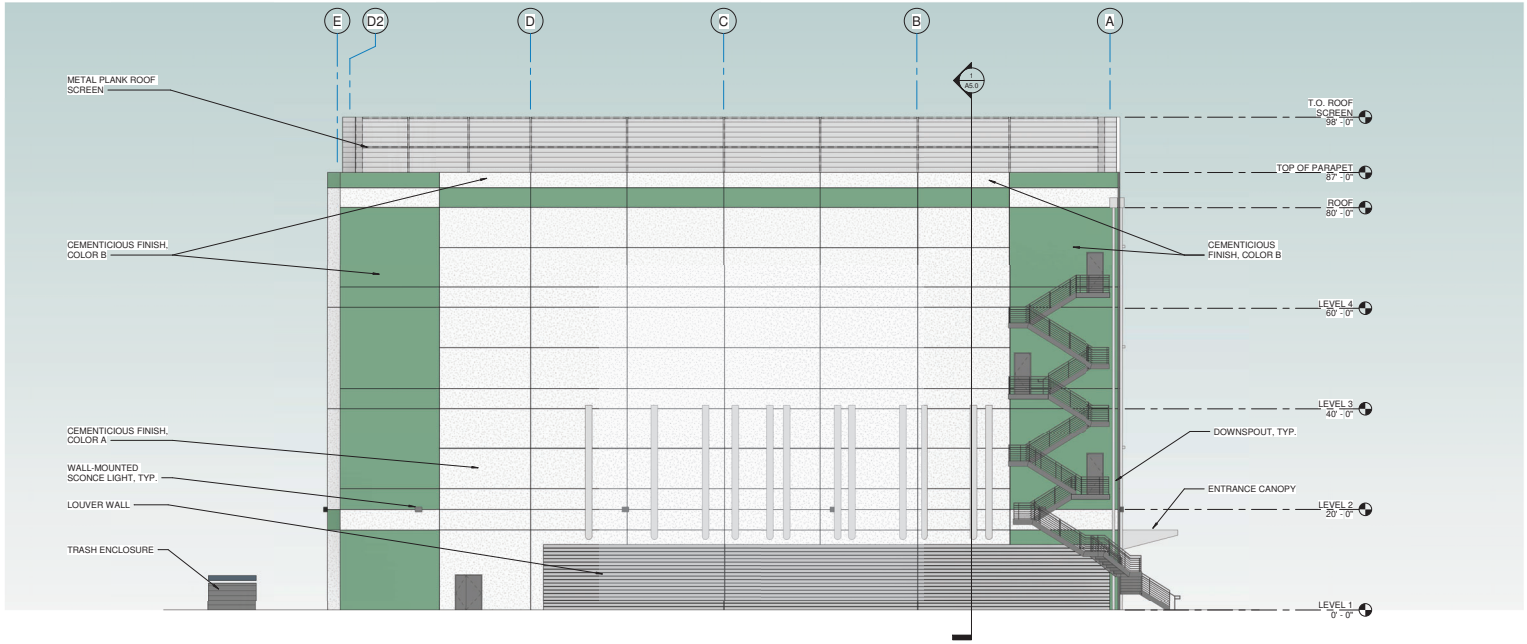
**SCALE** 1" = 10'-0"

**DRAWING TITLE**

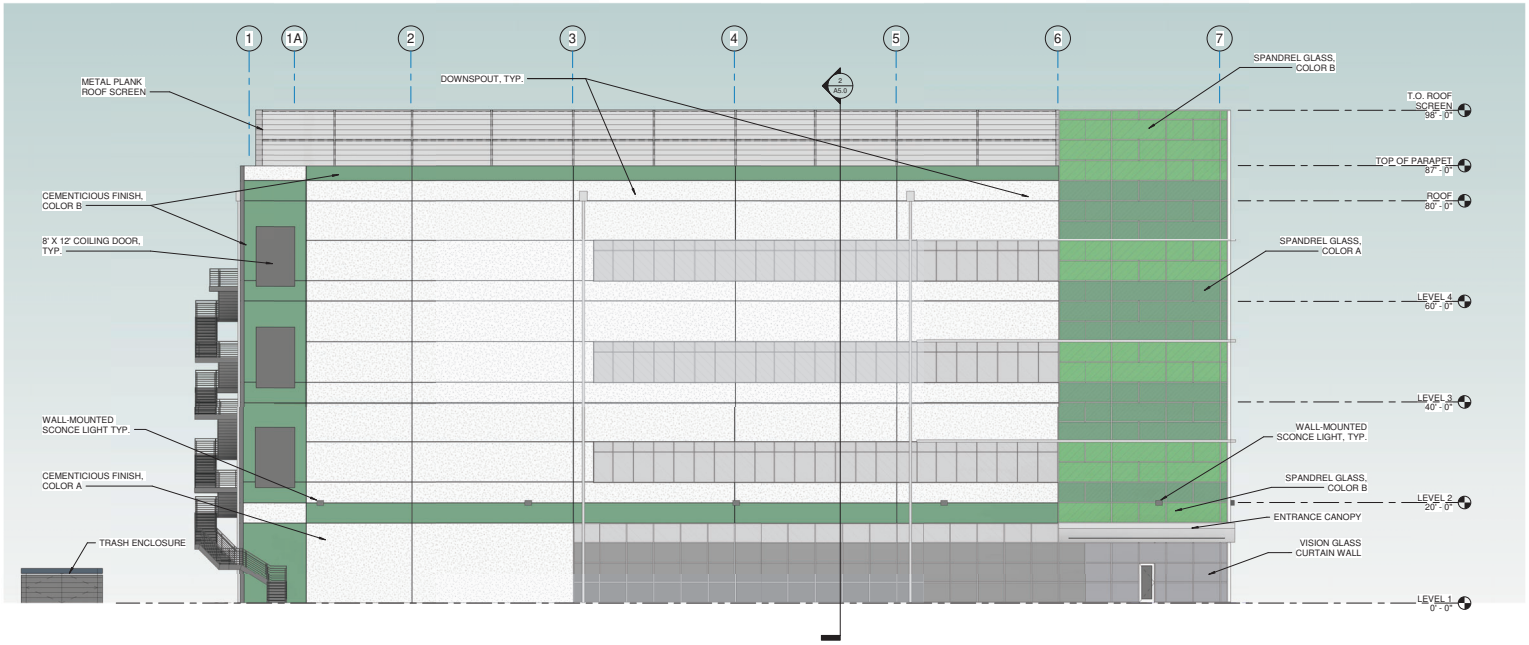
**EXTERIOR ELEVATIONS SOUTH AND EAST**

**SHEET NO.**

**A7.1**




NORTH VIEW
1" = 10'-0"




WEST VIEW
1" = 10'-0"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**CAC PROJECT NO.** 11288

**REVISIONS**

| No. | Description | Date |
|---|---|---|

**KEY PLAN & NORTH ARROW**

**DATE** 5.26.2020

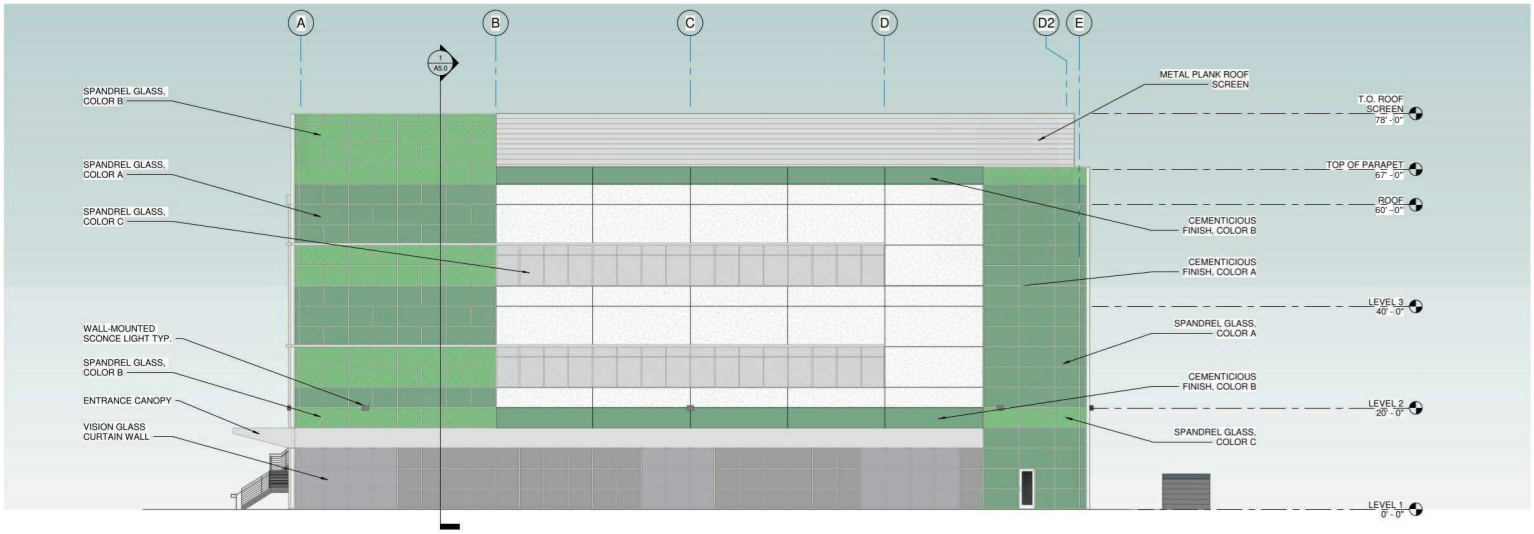
**SCALE** 1" = 10'-0"

**DRAWING TITLE**

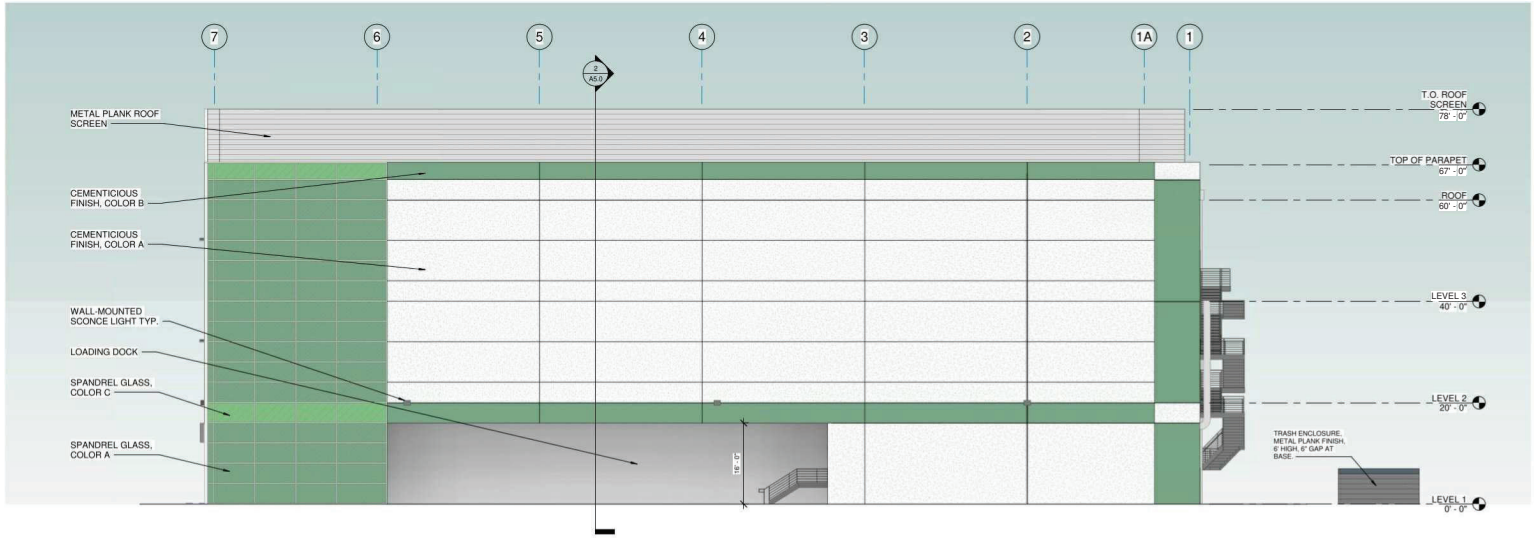
**EXTERIOR ELEVATIONS NORTH AND WEST**

**SHEET NO.**

**A7.2**




SOUTH VIEW
1" = 10'-0"




EAST VIEW
1" = 10'-0"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**AGENCY APPROVAL**

**PROJECT**

PRIME DATA CENTERS

1111 COMSTOCK

1111 COMSTOCK ST, SANTA CLARA, CA, 95054

**CAC PROJECT NO.** 11288

**REVISIONS**

| No. | Description | Date |
|---|---|---|

**KEY PLAN & NORTH ARROW**

**DATE** 5.26.2020

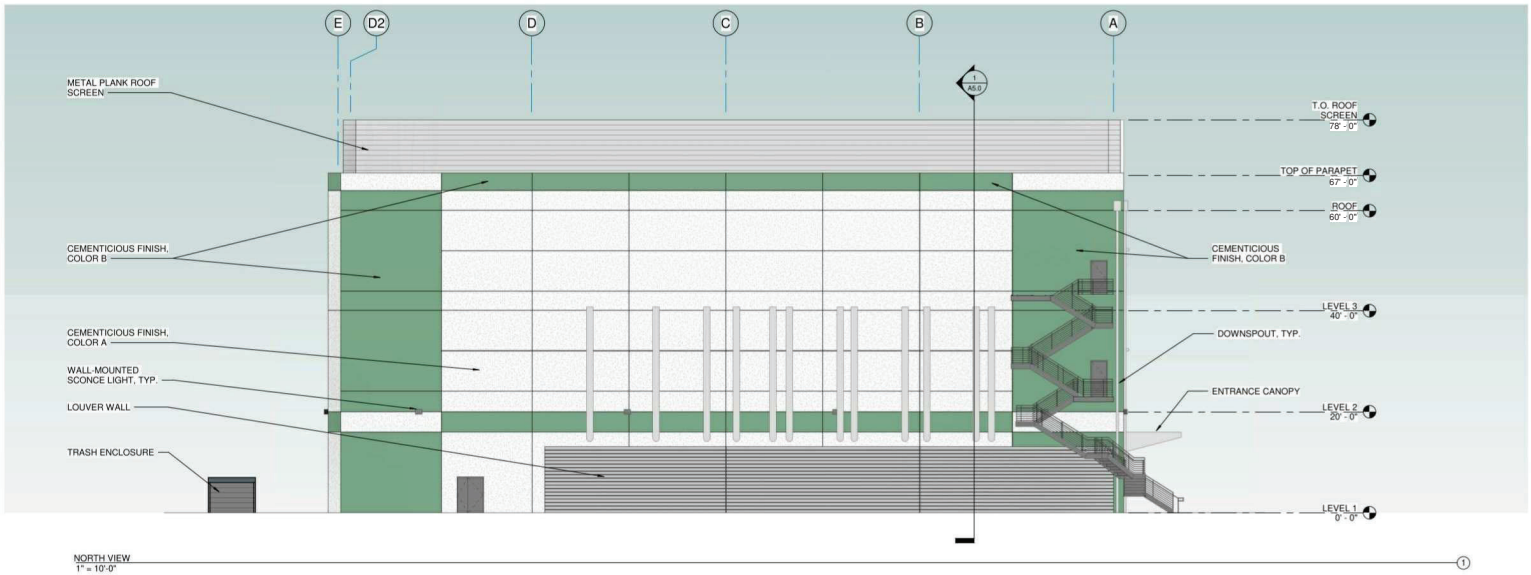
**SCALE**

**DRAWING TITLE**

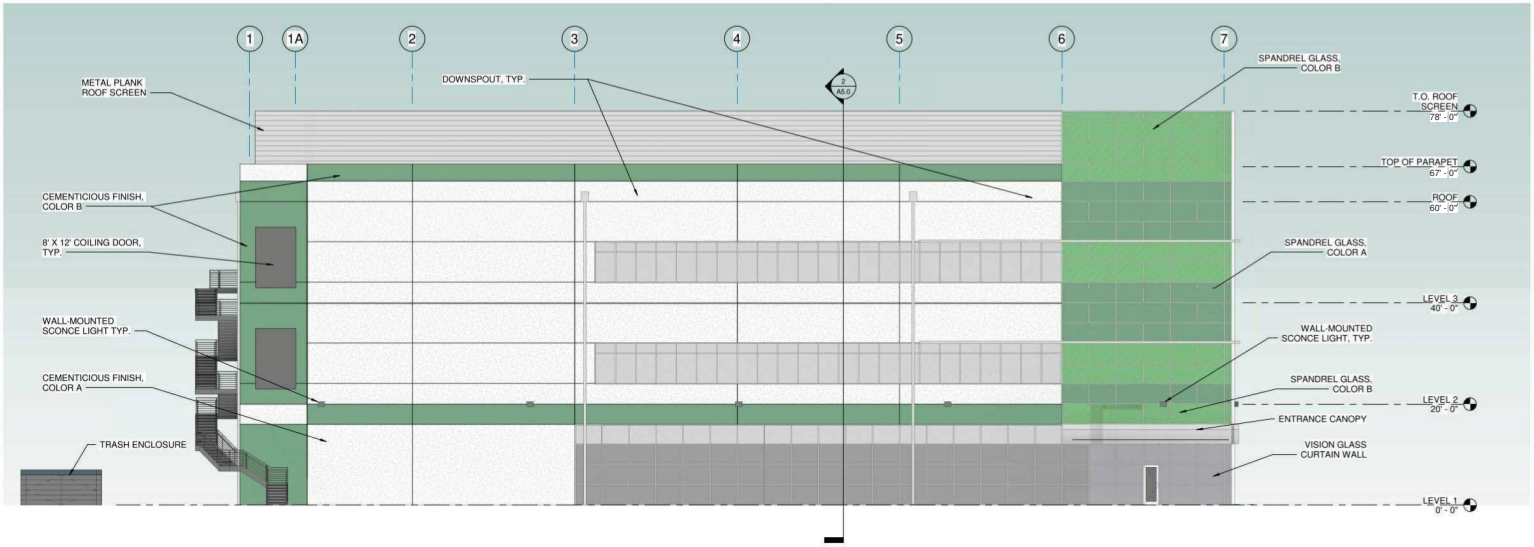
**EXTERIOR ELEVATIONS SOUTH AND EAST - 3 LEVEL**

**SHEET NO.**

**A7.3**




NORTH VIEW
1" = 10'-0"




WEST VIEW
1" = 10'-0"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**CAC PROJECT NO.** 11288

**REVISIONS**

| No. | Description | Date |
|---|---|---|

**KEY PLAN & NORTH ARROW**

**DATE** 5.26.2020

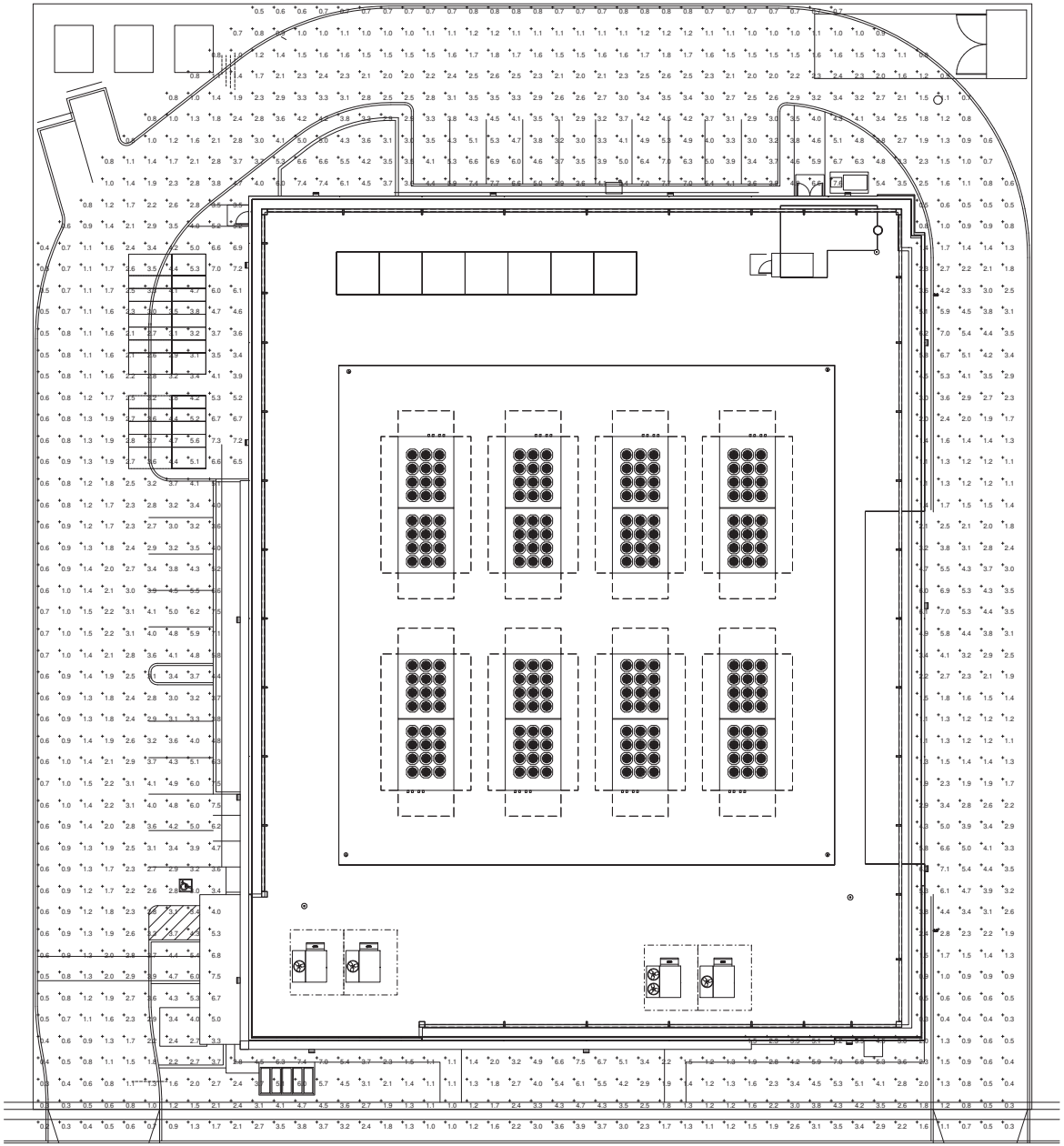
**SCALE**

**DRAWING TITLE**

**EXTERIOR ELEVATIONS NORTH AND WEST - 3 LEVEL**

**SHEET NO.**

**A7.4**



SITE PHOTOMETRIC LIGHTING PLAN
3/32" = 1'-0"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**CAC PROJECT NO.** 11288

**REVISIONS**

| No. | Description | Date |
|---|---|---|

**KEY PLAN & NORTH ARROW**

**DATE** 5.26.2020

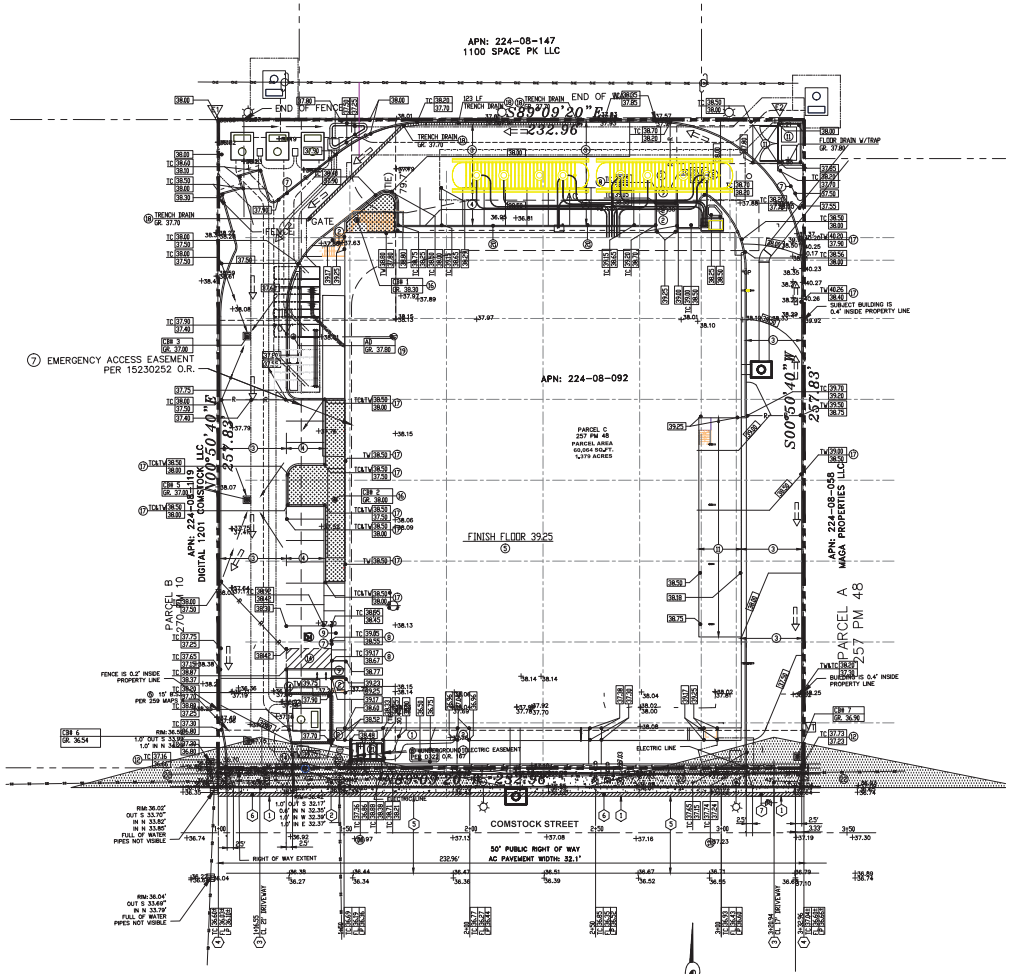
**SCALE** 3/32" = 1'-0"

**DRAWING TITLE**

**LIGHTING PLAN**

**SHEET NO.**

**A8.0**




## GRADING AND DRAINAGE PLAN

0 10 20 40 80

SCALE : 1' = 20'-0"

| PROPOSED | EXISTING | |
|---|---|---|
| | | PROPERTY LINE |
| 38.40 | +34.84 | SPOT ELEVATION |
| 40.00 | 40 | SURFACE CONTOUR |
| TC | TC (E) | TOP OF CURB |
| EP | EP (E) | EDGE OF PAVEMENT |
| FL | FL (E) | FLOW LINE |
| CNC | | CONCRETE |
| AC | | ASPHALTIC CONCRETE |
| GRD | | GROUND SURFACE |
| TW | | TOP OF WALL |
| BOT | | BOTTOM OF WALL |
| BW | | BACK OF WALK |
| | | SURFACE VALLEY |
| R | R | SURFACE RIDGE |
| E | | MATCH EXISTING GRADE |
| | | A.C. PAVING |
| | | CONCRETE |
| | | CURB |
| SD | SD | STORM DRAIN |
| SS | SS | SANITARY SEWER |
| W | W | WATER |
| CB | CB | CATCH BASIN |
| JB | JB | JUNCTION BOX |
| COTG | COTG | CLEANOUT TO GRADE |
| SDMH | SDMH | STORM MANHOLE |
| SSMH | SSMH | SANITARY MANHOLE |
| | | OVERLAND RELEASE |
| | | REMOVE EXISTING TREE |

**LEGEND** 1

SCALE: NONE CIVL201020

## KEY NOTES

1. PROVIDE WALK WITH MAX. 2% CROSS-SLOPE AND SLOPE IN THE DIRECTION OF TRAVEL LESS THAN 1:20. SEE ARCH. AND LANDSCAPE DWGS. FOR MATERIAL.
2. PROVIDE WALK/LANDING WITH MAXIMUM 2% SLOPE IN ANY DIRECTION. SEE ARCH. AND LANDSCAPE DWGS. FOR MATERIAL.
3. PROVIDE POROUS ASPHALT PAVING. SEE 2/C-13.
4. PROVIDE POROUS ASPHALT PAVING. SEE 3/C-13.
5. CONCRETE SLAB - SEE STRUCTURAL FOR THICKNESS AND REINFORCING - OVER 10 MIL MEMBRANE, OVER 6" DRAIN ROCK AND 12" NON-EXPANSIVE FILL.
6. PROVIDE 12" WIDE CURB CUT. PROVIDE 3" DROP TO LANDSCAPED AREA.
7. PROVIDE FLUSH CURB.
8. END VERTICAL CURB. BEGIN FLUSH CURB.
9. PROVIDE CURB RAMP WITH MAX. 1:12 SLOPE. SEE ARCH. DWG. FOR DETAILS.
10. MATCH (E) GRADE. VIF.
11. PROVIDE 6" CONC. SLAB W/ #3 @ 18" OCEW OVER 6" CL 2 AGGREGATE BASE.
12. TAPER CURB AT BACK OF DRIVEWAY PER CITY STANDARD ST-5.
13. EQUIPMENT ON RAISED EQUIPMENT SUPPORT - SEE STRUCTURAL DRAWINGS.
14. PROVIDE POROUS ASPHALT PAVING WITH MAXIMUM 2% SLOPE IN ANY DIRECTION AT ACCESSIBLE PARKING STALLS AND ACCESS AISLES.
15. PROVIDE 5'-6" WIDE X 6' LONG X 12" DEEP ROCK ENERGY DISSAPATOR. PROVIDE 6" COBBLE.
16. PROVIDE CB GRATE 6" ABOVE FLOW LINE OF BIORETENTION AREA.
17. RETAINING WALL - SEE STRUCTURAL DRAWINGS.
18. PROVIDE ACO PRE-CAST MODULAR TRENCH DRAIN.
19. PROVIDE AREA DRAIN 3" ABOVE FINISH ADJACENT LANDSCAPE GRADE.
20. PROVIDE ROLLED CURB.
21. PROVIDE 6" WIDE CURB CUT.
22. COMPLY WITH DRIVEWAY'S TRIANGLE OF SAFETY PER CITY TRACING NO. T-808A.

## KEY NOTES FOR THE WORK ON PUBLIC R/W

1. AC SAWCUT LINE. SEE DEMOLITION PLAN ST-2.
2. PROVIDE (N) 5' WIDE (INCLUDING CURB) CONCRETE WALK PER CITY STANDARD ST-12, ST-17, ST-18 AND ST-19.
3. PROVIDE CONCRETE DRIVEWAY PER CITY STANDARD DETAIL ST-8.
4. MATCH (E) TOP OF CURB, FLOW LINE, LIP OF GUTTER AND WALK GRADE. VIF.
5. PROVIDE 2" GRIND AND OVERLAY WITH DIGOUTS ALONG THE ENTIRE WIDTH OF COMSTOCK STREET WITHIN THE PROPERTY FRONTAGE.
6. PROVIDE 18" WIDE AC DEEP LIFT PER AP-4.

## GENERAL NOTES:

1. PAINT ALL DI RIMS AND TC'S AT CB'S WITH THE STENCIL. "NO DUMPING... FLOWS TO BAY." STANDARD STENCIL WITH A BIRD LOGO MAY BE OBTAINED FROM THE CITY.
2. ALL DAMAGED CURB, GUTTER, AND SIDEWALK WITHIN THE PUBLIC RIGHT-OF-WAY ALONG THE PROPERTY'S FRONTAGE SHALL BE REPAIRED OR REPLACED (TO NEAREST SCORE MARK) IN A MANNER ACCEPTABLE TO THE CITY ENGINEER OR HIS DESIGNEE. THE EXTENT OF SAID REPAIR OR REPLACEMENT WITHIN THE PROPERTY FRONTAGE SHALL BE AT THE DISCRETION OF THE CITY ENGINEER OR HIS DESIGNEE.
3. THE PRIME CONTRACTOR OR DEVELOPER IS TO HIRE A STREET CLEANING CONTRACTOR TO CLEAN UP DIRT AND DEBRIS FROM CITY STREETS THAT ARE ATTRIBUTABLE TO THE DEVELOPMENT'S CONSTRUCTION ACTIVITIES. THE STREET CLEANING CONTRACTOR IS TO HAVE THE CAPABILITY OF WASHING THE STREETS FROM A TANKER TRUCK WITH A HIGH-PRESSURE NOZZLE WITH RECLAIMED WATER, WHERE FEASIBLE, AND/OR SWEEPING THE STREETS WITH BOTH A BROOM-TYPE SWEEPER AND A REGENERATIVE AIR VACUUM SWEEPER, AS DIRECTED BY THE PUBLIC WORKS DIRECTOR, OR HIS/HER DESIGNATED REPRESENTATIVE.
4. REFER TO THE GEOTECHNICAL REPORT BY KLEINFELDER, DATED APRIL 25, 2019. PROJECT NUMBER 20193908.001A FOR THE COMSTOCK DATA CENTER AT 1111 COMSTOCK STREET AND SPECIFICATION SECTION 312200 FOR REQUIREMENTS FOR SITE CLEARING, GRADING, EXCAVATION, FILL, AND COMPACTION OF SOIL.
5. APPLICANT TO COORDINATE WITH FIRE DEPARTMENT AND SUBMIT HYDRAULIC CALCULATION FOR FIRE PERMIT AND UNDERGROUND PERMIT.
6. FOR ALL SVP REQUIREMENTS FOR BOTH ONSITE AND OFFSITE WORK SEE SVP ESTIMATE DEVELOPER'S WORK DRAWING.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**AGENCY APPROVAL**

**PROJECT**

PRIME DATA CENTERS

**CAC PROJECT NO.**

**REVISIONS**

| No. | Description | Date |
|---|---|---|

REGISTERED PROFESSIONAL ENGINEER STEVAN H. NAKASHIMA C26597 REN.3/31/22 CIVIL STATE OF CALIFORNIA

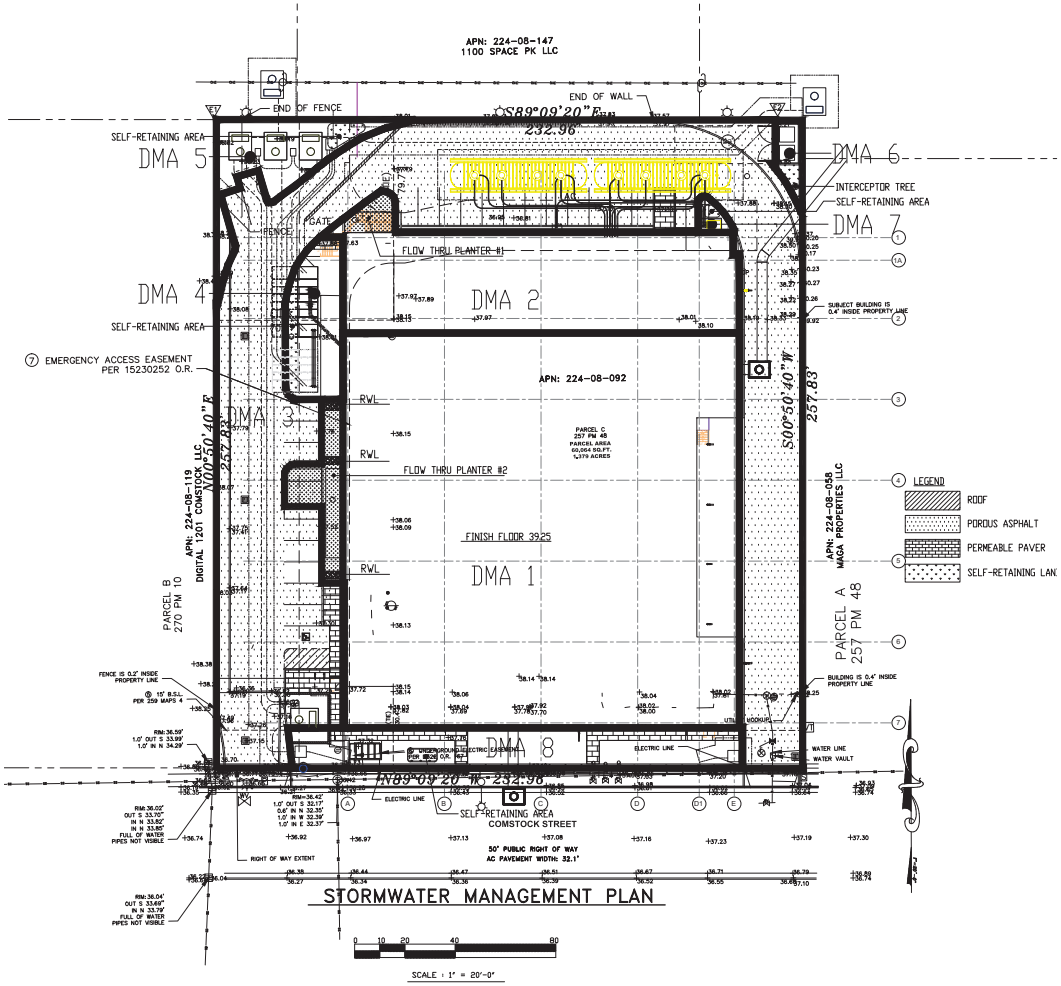
| | |
|---|---|
| DATE | MAY 26, 2020 |
| SCALE | AS SHOWN |

**DRAWING TITLE**

**GRADING & DRAINAGE PLAN**

**SHEET NO.**

**C-11**




## STORMWATER MANAGEMENT PLAN

SCALE : 1" = 20'-0"

TABLE 1-IMPERVIOUS AREA

| AREA ID | SURFACE | PERVIOUS AREA | IMPERVIOUS AREA | SIZE(SF) | BMP TO BE USED | SIZING FACTOR | SURFACE AREA AS DESIGNED |
|---|---|---|---|---|---|---|---|
| DMA 1 | ROOF LANDSCAPE | 785 | 24,762 | 25,547 | FLOW THRU PLANTER | COMBINATION FLOW AND VOLUME | 930 SF REQUIRED 785 SF PROVIDED |
| DMA 2 | ROOF LANDSCAPE | 294 | 6,272 | 6,566 | FLOW THRU PLANTER | COMBINATION FLOW AND VOLUME | 930 SF REQUIRED 207 SF PROVIDED |
| DMA 3 | POROUS PAVING SVP-GEAR LANDSCAPE | 21,546 | 174 | 21,720 | *** SELF-TREATING PAVING | N/A | N/A |
| DMA 4 | CONCRETE LANDSCAPE | 998 | 354 | 1,352 | ** SELF-RETAINING LANDSCAPE | 50% OF IMPERVIOUS AREA | 215 SF OF SELF-RETAINING LANDSCAPE |
| DMA 5 | SVP-GEAR CONCRETE LANDSCAPE | 1,461 | 72 | 1,533 | ** SELF-RETAINING LANDSCAPE | 50% OF IMPERVIOUS AREA | 102 SF OF SELF-RETAINING LANDSCAPE |
| DMA 6 | TRASH ENCLOSURE LANDSCAPE | 144 | 152 | 296 | INTERCEPTOR TREE | 200 SF FOR EVERGREEN TREE | 200 SF FOR INTERCEPTOR TREE |
| DMA 7 | PERMEABLE PAVERS CONCRETE LANDSCAPE | 124 | 19 | 143 | * SELF-RETAINING LANDSCAPE | 50% OF IMPERVIOUS AREA | 114 SF OF SELF-RETAINING LANDSCAPE |
| DMA 8 | SVP-GEAR LANDSCAPE PERMEABLE PAVERS | 2,804 | 78 | 2,882 | ** SELF-RETAINING LANDSCAPING & PERMEABLE PAVERS | 50% OF IMPERVIOUS AREA | 58 SF OF SELF-RETAINING LANDSCAPE |
| | | | | | | | |

*RATIO OF IMPERVIOUS AREA TO ADJACENT PERMEABLE SURFACE IS LESS THAN 2:1.
**AREA IS DEPRESSED 3" TO RETAIN STORMWATER.
***IMPERVIOUS AREA DRAINS TO SELF-TREATING AREA - DOES NOT MEET C.3 REQUIREMENTS.

PERVIOUS AND IMPERVIOUS SURFACES COMPARISON

| | EXISTING CONDITION (SQFT) | % | PROPOSED CONDITION (SQFT) | % | DIFFERENCE (SQFT) | % |
|---|---|---|---|---|---|---|
| SITE (ACRES): 1.378 ACRES | 60,064 S.F. | 100 | 60,064 S.F. | 100 | 0 S.F. | – |
| BLDG. FOOTPRINT(S) | 23,807 S.F. | 39.64 | 30,912 S.F. | 51.46 | 7,105 S.F. | 11.83 |
| PARKING SIDEWALKS, PATIOS, PATHS, EQUIP. YARD | 29,773 S.F. | 49.57 | 859 S.F. | 1.43 | -28,914 S.F. | -48.14 |
| LANDSCAPING | 6,484 S.F. | 10.79 | 6,490 S.F. | 10.81 | 6 | .01 |
| PERMEABLE PAVING | – | – | 21,803 S.F. | 36.30 | 21,803 S.F. | 36.30 |
| TOTAL | 60,064 S.F. | 100 | 60,064 S.F. | 100 | 0 S.F. | 0 |
| IMPERVIOUS SURFACES | 53,580 S.F. | 89.21 | 31,771 S.F. | 52.90 | -21,809 SF | -36.31 |
| PERVIOUS SURFACES | 6,484 S.F. | 10.79 | 28,293 S.F. | 47.10 | 21,809 SF | 36.31 |
| TOTAL | 60,064 S.F. | 100 | 60,064 S.F. | 100 | 0 | 0 |

STORMWATER CONTROL MEASURES USED

SITE DESIGN MEASURES
1. DISCONNECT DOWNSPOUTS
2. SELF-TREATING PERMEABLE PAVING
3. SELF-RETAINING LANDSCAPE

SOURCE CONTROL MEASURE
1. BENEFICIAL LANDSCAPING (MINIMIZES IRRIGATION, RUNOFF, PESTICIDES & FERTILIZERS) PROMOTES TREATMENT)
2. MAINTENANCE (STREET SWEEPING, CATCH BASIN CLEANING)
3. COVERED DUMPSTER AREA, DRAIN TO SANITARY SEWER
4. STORM DRAIN LABELING

TREATMENT SYSTEMS
1. FLOW THRU PLANTERS

GROUNDWATER

BASED ON THE APRIL 25, 2019 GEOTECHNICAL REPORT BY KLEINFELDER FOR THE 1111 COMSTOCK STREET PROJECT, THE DEPTH TO STATIC GROUNDWATER IS ESTIMATED TO BE 7 TO 8 1/2 FEET BELOW GROUND SURFACE.

IMPERVIOUS DATA

| | | |
|---|---|---|
| SITE AREA | 60,064 SF | |
| PRE-CONSTRUCTION | | |
| LANDSCAPE | | 6,484 SF |
| BUILDING | 23,807 SF | |
| PAVING/HARDSCAPE | 29,773 SF | |
| TOTAL IMPERVIOUS AREA | 53,580 SF | |
| POST-CONSTRUCTION | | |
| LANDSCAPE | | 6,490 SF |
| PERMEABLE PAVING | | 21,803 SF |
| BUILDING | 30,912 SF | |
| PAVING/HARDSCAPE | 859 SF | |
| TOTAL IMPERVIOUS AREA | 31,771 SF | |
| NET DECREASE IN IMPERVIOUS AREA | 21,809 SF | |
| AREA OF DISTURBANCE | 60,064 SF | |
| IMPERVIOUS AREA CREATED OR REPLACED | 31,771 SF | |

RECEIVING BODY OF WATER:
CITY OF SANTA CLARA STORM DRAIN TO SAN FRANCISCO BAY

PAVING MATERIALS:
POROUS ASPHALTIC CONCRETE
PERMEABLE PAVERS

FLOOD ZONE:
THE ON-SITE NEAR-SURFACE SOILS ARE CLAYEY SOILS CONSIDERED TO HAVE HIGH EXPANSION POTENTIAL. THESE SURFICIAL SOILS TEND TO SHRINK AND SWELL AS A RESULT OF SEASONAL OR HUMAN-INDUCED SOIL MOISTURE CONTENT CHANGES.
THE SUBJECT PROPERTY RESIDES IN THE FOLLOWING FLOOD ZONE(S) SHADED X AS DETERMINED BY OR SHOWN BY FIRM COMMUNITY PANEL NO. 06085C0064H DATED 05/18/2009 AND IS NOT IN A FLOOD ZONE AREA.

SOIL TYPES
BASED ON THE APRIL 25, 2019 GEOTECHNICAL REPORT BY KLEINFELDER FOR THE 1111 COMSTOCK STREET PROJECT, BELOW THE HIGH PLASTICITY CLAY WAS A STIFF CLAY TO A DEPTH OF APPROXIMATELY 7 1/2 FEET BELOW GROUND SURFACE UNDERLAIN BY A STIFF CLAY MATERIAL TO A DEPTH OF APPROXIMATELY 18 1/2 FEET BELOW GROUND SURFACE. THIS WAS FOLLOWED BY A MEDIUM DENSE TO DENSE POORLY GRADED SAND TO A DEPTH OF APPROXIMATELY 26 FEET, UNDERLAIN BY A DENSE POORLY GRADED SAND TO A DEPTH OF APPROXIMATELY 29 BELOW GROUND SURFACE.

GENERAL NOTE
1. STENCIL ALL CATCH BASINS "NO DUMPING! FLOWS TO BAY" STORM WATER STENCILING. CONTACT CITY OF SANTA CLARA FOR STENCILS.

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AGENCY APPROVAL

PROJECT
PRIME DATA CENTERS

CAC PROJECT NO.

REVISIONS

| No. | Description | Date |
|---|---|---|

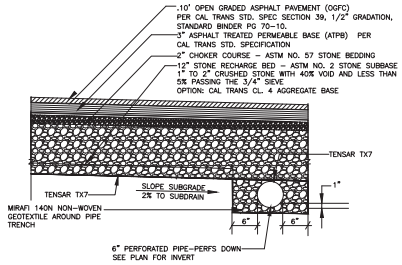
10-04-2019

REGISTERED PROFESSIONAL ENGINEER STEVAN H. NAKASHIMA C26597 REN.3/31/22 CIVIL STATE OF CALIFORNIA

| | |
|---|---|
| DATE | MAY 26, 2020 |
| SCALE | AS SHOWN |

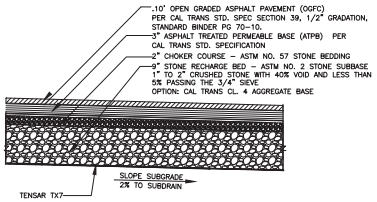
DRAWING TITLE
STORMWATER MANAGMENT PLAN

SHEET NO.
C-12



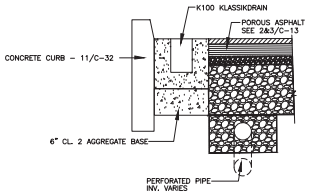

POROUS ASPHALT PAVEMENT
AT DRIVEWAY DETAIL (2)

SCALE: 1"=1' 206005B




POROUS ASPHALT PAVEMENT
AT PARKING STALLS DETAIL (3)

SCALE: 1"=1' 206005B




TRENCH DRAIN AT POROUS PAVEMENT (4)

SCALE: 1"=1' 206005B

## COMBINATION FLOW AND VOLUME DESIGN BASIS CALCULATIONS

MAP = 15

MAP ADJUSTMENT FACTOR = 15/13.9 = 1.08

TABLE 5.2 UNIT BASIN STORAGE VOLUME FOR SAN JOSE AIRPORT = .56

ADJUSTED UNIT BASIN STORAGE VOLUME X MAP ADJUSTMENT FACTOR
1.08 X .56= .605 INCHES

DURATION RAIN EVENT .605/0.2 = 3.03 HOURS

FLOW THRU PLANTER # 1

PERVIOUS AREA 937 SF

IMPERVIOUS AREA 30,912 SF

TOTAL AREA 31,849 SF

EFFECTIVE IMPERVIOUS AREA = (30,912X1)+(937X.1) = 31,006 SF

ASSUME BASIN SIZE =31,006 X .04 = 1,240 SF

VOLUME OF TREATED RUNOFF = 1,240 X 5/12 X 3.03 = 1,566 CF

ASSUME BASIN SIZE 31,006 X .04 X .717 = 889 SF

VOLUME OF TREATED RUNOFF = 889 X 5/12 X 3.03 = 1,122 CF

DIFFERENCE IN VOLUME 1,566 - 1,122 = 444 CF

PONDING DEPTH 444/889 = .499 FT = 6"

MINIMUM BASIN SIZE IS .75 X 1,240 = 930

## SUMMARY OF MAINTENANCE REQUIREMENTS

ENTITY RESPONSIBLE FOR THE MAINTANENCE OF THE STORMWATER CONTROL MEASURES: NICHOLAS NAAG
PRIME DATA CENTERS
CELL 415-941-9050
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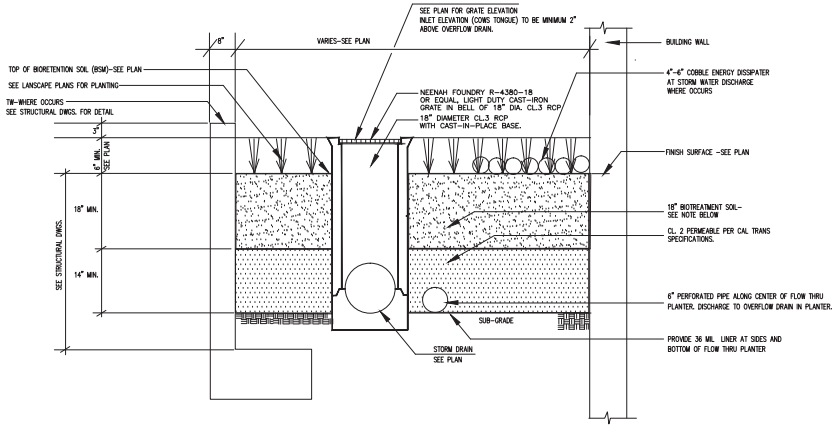
NLAAG@PRIMEDATACENTERS.COM

BIORETENTION AREAS AND FLOW THRU PLANTERS REMOVE POLLUTANTS PRIMARILY BY FILTERING RUNOFF SLOWLY THROUGH AN ACTIVE LAYER OF SOIL. ROUTINE MAINTENANCE IS NEEDED TO INSURE THAT FLOW IS UNOBSTRUCTED, THAT EROSION IS PREVENTED, AND THAT SOILS ARE HELD TOGETHER BY PLANT ROOTS AND ARE BIOLOGICALLY ACTIVE. TYPICAL ROUTINE MAINTENANCE CONSISTS OF THE FOLLOWING:

- INSPECT INLETS, EXPOSURE OF SOILS, OR OTHER EVIDENCE OF EROSION. CLEAR ANY OBSTRUCTIONS AND REMOVE ANY ACCUMULATION OF SEDIMENT. EXAMINE ROCK OR OTHER MATERIAL USED AS A SPLASH PAD AND REPLENISH IF NECESSARY.
- INSPECT OUTLETS FOR EROSION OR UNPLUGGING.
- INSPECT SIDE SLOPES FOR EVIDENCE OF INSTABILITY OR EROSION AND CORRECT AS NECESSARY.
- OBSERVE SOIL IN THE BASINS FOR UNIFORM PERCOLATION THROUGHOUT. IF PORTIONS OF THE SWALE OR FILTER DO NOT DRAIN WITHIN 48 HOURS AFTER THE END OF A STORM, THE SOIL SHOULD BE TILLED AND REPLANTED. REMOVE ANY DERBIS OR ACCUMULATIONS OF SEDIMENT.
- EXAMINE THE VEGETATION TO INSURE THAT IT IS HEALTHY AND DENSE ENOUGH TO PROVIDE FILTERING AND TO PROTECT SOILS FROM EROSION. REPLENISH MUCH AS NECESSARY. REMOVE FALLEN LEAVES AND DEBRIS, PRUNE LARGE SHRUBS OR TREES, AND MOW TURF AREAS. CONFIRM THAT IRRIGATION IS ADEQUATE AND NOT EXCESSIVE. REPLACE DEAD PLANTS AND REMOVE INVASIVE VEGETATION.
- ABATE ANY POTENTIAL VECTORS BY FILLING HOLES IN THE GROUND IN AND AROUND THE SWALE AND BY INSURING THAT THERE ARE NOT AREAS WHERE WATER STANDS LONGER THAN 48 HOURS FOLLOWING A STORM. IF MOSQUITO LARVAE ARE PRESENT AND PERSISTENT, CONTACT THE SANTA CLARA COUNTY VECTOR CONTROL DISTRICT FOR INFORMATION AND ADVICE. MOSQUITO LARVICIDES SHOULD BE APPLIED ONLY WHEN ABSOLUTELY NECESSARY AND THEN ONLY BY A LICENSED INDIVIDUAL OR CONTRACTOR.




NOTE:
BIOTREATMENT SOIL MIX SHALL CONSISTS OF 60-70% SAND AND 30-40% COMPOST. THE BIOTREATMENT SOIL MIX MUST BE A UNIFORM MIX, FREE OF STONES, STUMPS, ROOTS OR OTHER SIMILAR OBJECTS. NO OTHERE MATERIALS OR SUBSTANCES SHALL BE MIXED OR DUMPED WITHIN THE BIORETENTION AREA THAT MAY BE HARMFUL TO THE PLANT GROWTH, OR PROVE A HINDRANCE TO THE PLANTING OR MAINTENANCE OPERATIONS. SOIL MIXTURE PERCOLATION RATE SHALL BE 5 INCHES PER HOUR MINIMUM AND 10 INCHES PER HOUR MAXIMUM SUSTAINED. BIOTREATMENT SOIL MIX SHALL MEET THE SPECIFICATIONS OF APPENDIX C OF THE C.3 STORMWATER CONTROL HANDBOOK.
BIOTREATMENT SOIL MIX SHALL BE SUBMITTED TO AND APPROVED BY THE CITY.

FLOW THROUGH PLANTER @ GRADE (1)

SCALE: NONE 206106C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**AGENCY APPROVAL**

**PROJECT**

PRIME DATA CENTERS

**CAC PROJECT NO.**

**REVISIONS**

| No. | Description | Date |
|---|---|---|

10-04-2019

REGISTERED PROFESSIONAL ENGINEER
STEVAN H. NAKASHIMA
C26597
REN.3/31/22
CIVIL
STATE OF CALIFORNIA

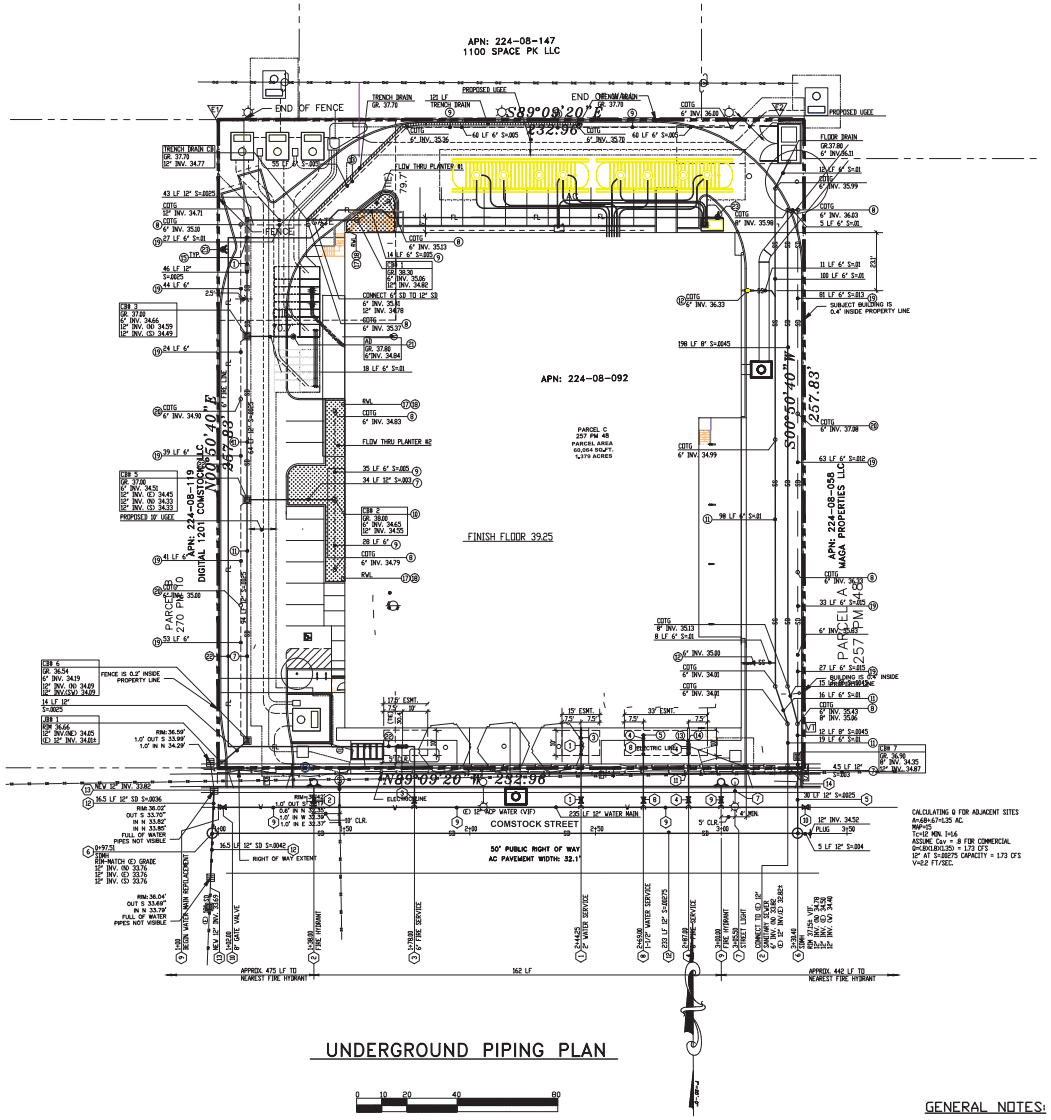
| | |
|---|---|
| **DATE** | **MAY 26, 2020** |
| **SCALE** | **AS SHOWN** |

**DRAWING TITLE**

**STORMWATER MANAGEMENT PLAN**

**SHEET NO.**

**C-13**




## UNDERGROUND PIPING PLAN

SCALE : 1" = 20'-0"

| PROPOSED | EXISTING | |
|---|---|---|
| | | PROPERTY LINE |
| 206.00 | +34.84 | SPOT ELEVATION |
| 205.00 | 40 | SURFACE CONTOUR |
| TC | TC (E) | TOP OF CURB |
| EP | EP (E) | EDGE OF PAVEMENT |
| FL | FL (E) | FLOW LINE |
| CNC | | CONCRETE |
| AC | | ASPHALTIC CONCRETE |
| GRD | | GROUND SURFACE |
| TW | | TOP OF WALL |
| BOT | | BOTTOM OF WALL |
| BW | | BACK OF WALK |
| | | SURFACE VALLEY |
| R R | R R | SURFACE RIDGE |
| E | | MATCH EXISTING GRADE |
| | | A.C. PAVING |
| | | CONCRETE |
| | | CURB |
| SD | SD | STORM DRAIN |
| SS | SS | SANITARY SEWER |
| W | W | WATER |
| CB | CB | CATCH BASIN |
| JB | JB | JUNCTION BOX |
| COTG | COTG | CLEANOUT TO GRADE |
| SDMH | SDMH | STORM MANHOLE |
| SSMH | SSMH | SANITARY MANHOLE |
| | | OVERLAND RELEASE |
| | | REMOVE EXISTING TREE |

LEGEND 1
SCALE: NONE
CIVL201020

## KEY NOTES

1. PROVIDE ARCH ENCASEMENT. SEE XX/C-32.
2. PROVIDE 2" PVC SCHEDULE 40 WATER LINE.
3. PDC TO BLDG. WATER. SEE PLUMBING PLANS FOR CONTINUATION.
4. CN 1 1/2" IRRIGATION LINE.
5. P.D.C. TO IRRIGATION. SEE LANDSCAPE PLANS FOR CONTINUATION.
6. PROVIDE 6" PVC C900 DR14 FIRE LINE.
7. PROVIDE PVC SDR 35 STORM DRAIN.
8. PROVIDE COTG AT PERFORATED PIPE. SEE 18/C3.1.
9. PROVIDE 6" PERFORATED PVC SDR 35 STORM DRAIN @ S=.005.
10. PROVIDE CATCH BASIN/OVERFLOW DRAIN 6" ABOVE BIORETENTION GRADE. PROVIDE 2' WIDE X 12" DEEP COBBLE BAND AROUND CB. PROVIDE 4" TO 6" COBBLE.
11. PROVIDE 6" PVC SDR 26 SANITARY SEWER.
12. PDC TO BLDG. SANITARY SEWER. SEE PLUMBING PLANS FOR CONTINUATION.
13. PROVIDE 8" FIRE BACKFLOW PREVENTION DEVICE, PIV AND FDC PER CITY WATER DEPT. STANDARD. SEE GENERAL NOTE 6.
14. PROVIDE 8" C900 DR18 PVC FIRE LINE. SEE GENERAL NOTE 6.
15. PDC TO BLDG. FIRE. SEE FIRE PROTECTION PLANS FOR CONTINUATION.
16. PROVIDE MINIMUM 12" VERTICAL CLEARANCE BETWEEN WATER SERVICES AND CROSSING UTILITIES.
17. PROVIDE FIRE HYDRANT PER CITY STANDARD.
18. PROVIDE 3' WIDE X 7' LONG X 12" DEEP ROCK ENERGY DISSAPATER AT RWL DISCHARGE. PROVIDE 6" TO 8" ROCK.
19. PROVIDE RAINWATER LEADER. DAYLIGHT AT BIORETENTION AREA.
20. PROVIDE 6" PERFORATED PVC SDR 35 STORM DRAIN @ S=.01.
21. PROVIDE 2-WAY CLEANOUT TO GRADE AT PERFORATED PIPE.
22. PROVIDE AREA DRAIN GRATE 3" ABOVE ADJACENT GRADE.
23. PROVIDE 6" C900 DR18 PVC FIRE LINE. SEE GENERAL NOTE 6.
24. PROVIDE FIRE HYDRANT.

## KEY NOTES FOR WORK ON PUBLIC R/W

1. PROVIDE 2" WATER SERVICE, 2" METER AND BACKFLOW PER CITY WATER DEPARTMENT STANDARD NO. 6, DATED MAY 17, 2018.
2. PROVIDE NEW 6" FIRE SERVICE AND HYDRANT PER CITY STANDARDS NO. 18.
3. NEW 6" FIRE SERVICE PER CITY WATER DEPT. STANDARD NO. 17, DATED MAY 17, 2018. SEE GENERAL NOTE 6.
4. NEW 8" FIRE SERVICE AND BACKFLOW PER CITY WATER DEPT. STANDARD NO. 17, DATED MAY 17, 2018. SEE GENERAL NOTE 6.
5. PROVIDE CL. 4 RCP.
6. PROVIDE STORM DRAIN MANHOLE PER CITY STANDARD DS-2 AND DS-3 DATED OCTOBER 2013.
7. NEW STREET LIGHT PER CITY STANDARDS.
8. PROVIDE 1 1/2" WATER SERVICE, 1 1/2" METER AND BACKFLOW PER CITY WATER DEPARTMENT STD. NO. 6 DATED MAY 17, 2018. SEE GENERAL NOTE 6.
9. REMOVE (E) 12" ACP WATER MAIN AND PROVIDE 12" DIP WATER MAIN.
10. PROVIDE 12" GATE VALVE.
11. PROVIDE MINIMUM 12" VERTICAL CLEARANCE BETWEEN WATER SERVICE AND CROSSING UTILITIES.
12. REMOVE (E) 12" STORM DRAIN AND PROVIDE NEW 12" CL. IV RCP.
13. REMOVE (E) 12" STORM DRAIN, RECHANNEL CONCRETE BASE AND CONNECT NEW 12" CL. IV RCP TO (E) DI PER CITY STANDARDS.
14. PROVIDE CLEANOUT TO GRADE AT PROPERTY LINE PER CITY STANDARD NO. SS-1. PROVIDE TAP-TITE CONNECTION PER CITY STANDARD NO. SS-3.

## GENERAL NOTES:

1. NOTIFY UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 AT LEAST 48 HOURS PRIOR TO THE START OF WORK TO LOCATE ALL EXISTING UTILITIES AFFECTED BY THE WORK.
2. VERIFY SANITARY SEWER LOCATION PRIOR TO ANY SANITARY SEWER CONSTRUCTION.
3. PAINT ALL DI AND RIMS AND TC'S AT CB'S WITH THE STENCIL, "NO DUMPING, FLOW TO BAY." STANDARD STENCIL WITH A BIRD LOGO MAY BE OBTAINED FROM THE CITY.
4. PROVIDE WATER UTILITY EASEMENT FOR ANY CITY WATER FACILITY THAT ARE LOCATED IN THE PRIVATE PROPERTY. A MINIMUM 5' EASEMENT WILL BE REQUIRED OF ALL SUCH DEVICES. WATER UTILITY EASEMENT SHALL NOT OVERLAP WITH UGEE EASEMENT.
5. CONTRACTOR TO VERIFY WHAT THE (E) WATER LINES WITHIN THE (E) BOXES SERVES PRIOR TO ANY WORK ON THE WATER LINES.
6. VERIFY SIZE OF FIRE LINE AND BACKFLOW WITH DESIGN/BUILD FIRE PROTECTION PLANS.
7. APPLICANT TO COORDINATE WITH FIRE DEPARTMENT AND SUBMIT HYDRAULIC CALCULATIONS FOR FIRE PERMIT AND UNDERGROUND PERMIT.
8. FOR ALL SVP REQUIREMENTS, FOR BOTH ON-SITE AND OFFSITE WORK, SEE SVP ESTIMATE DEVELOPER'S WORK DRAWING.
9. CONTRACTOR SHALL VIDEO EXISTING SANITARY SEWER LATERAL AND PROVIDE TO THE CITY FOR EVALUATION. REUSE IF IN ACCEPTABLE CONDITION. REPLACE IF NOT IN ACCEPTABLE CONDITION.
10. MAINTAIN A MINIMUM 24" OF VERTICAL CLEARANCE AT WATER SERVICE CROSSINGS WITH OTHER UTILITIES, AND ALL REQUIRED MINIMUM HORIZONTAL CLEARANCE FROM WATER SERVICES: 10' FROM SANITARY SEWER UTILITIES, 10' FROM RECYCLED WATER UTILITIES, 8' FROM STORM DRAIN UTILITIES, 5' FROM FIRE AND OTHER WATER UTILITIES, 3' FROM ABANDONED WATER SERVICES 5' FROM GAS AND OTHER ELECTRIC UTILITIES, AND 5' FROM EDGE OF THE PROPOSED OR EXISTING DRIVEWAYS.

## UNDERGROUND FIRE PROTECTION NOTE:

THE UNDERGROUND FIRE SYSTEM SHOWN ON THIS PLAN ARE SCHEMATIC ONLY. UNDERGROUND FIRE PROTECTION CONTRACTOR SHALL SUBMIT AN ENGINEERED UNDERGROUND FIRE PROTECTION PLAN TO BE APPROVED BY THE GOVERNING AGENCY(S). THE QUANTITIES AND LOCATIONS OF NEW FDCS AND PIVS SHALL BE IDENTIFIED IN THE DEFERRED UNDERGROUND FIRE PROTECTION PLANS.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**AGENCY APPROVAL**

**PROJECT**

PRIME DATA CENTERS

**CAC PROJECT NO.**

**REVISIONS**

| No. | Description | Date |
|---|---|---|

REGISTERED PROFESSIONAL ENGINEER STEVAN H. NAKASHIMA C26597 REN.3/31/22 CIVIL STATE OF CALIFORNIA

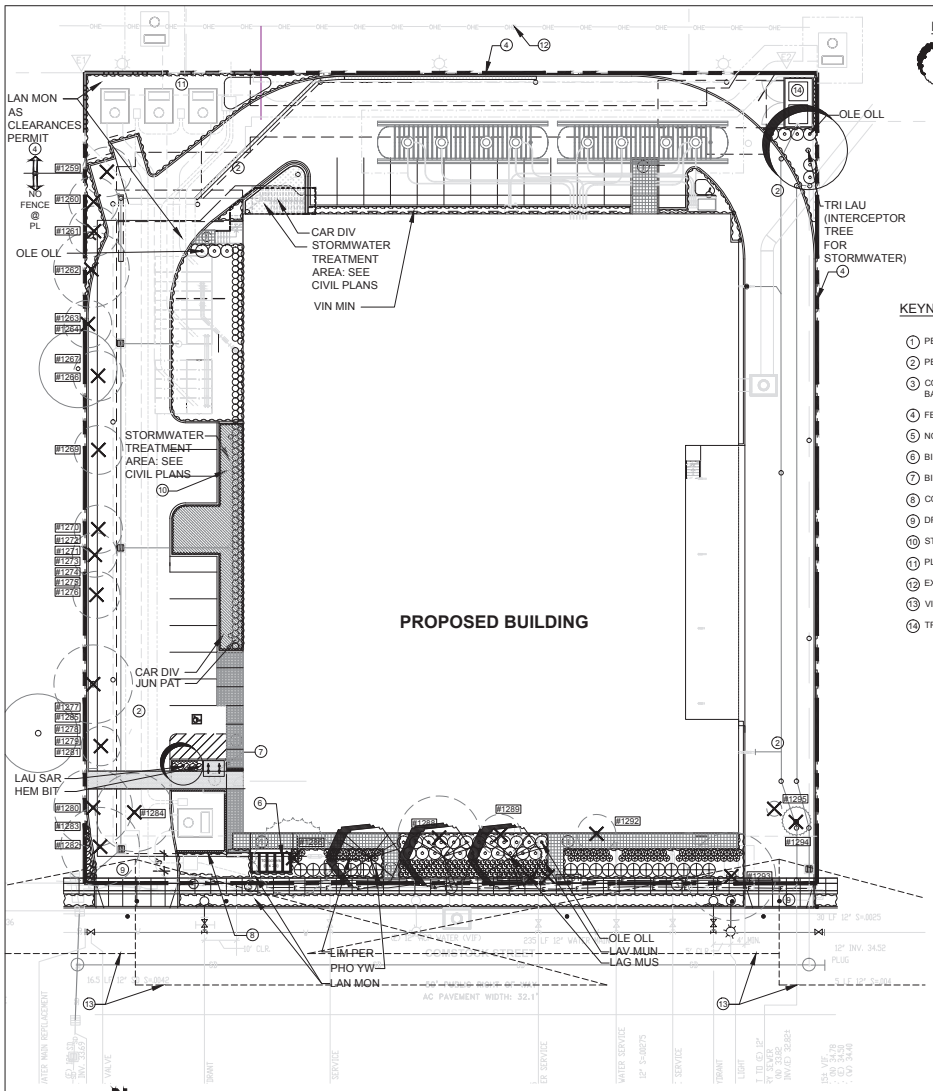
| | |
|---|---|
| DATE | MAY 26, 2020 |
| SCALE | AS SHOWN |

**DRAWING TITLE**

**UNDERGROUND PIPING PLAN**

**SHEET NO.**

**C-21**




# PLAN

SCALE: 1" = 16'-0"

I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN

DENNIS M TANIGUCHI, CLA 2942

## LEGEND

- PROPOSED TREES
- EXISTING TREES TO BE REMOVED
- #99 TREE NUMBER--REFER TO ARBORIST REPORT AND EXISTING TREE TABLE
- EXISTING TREES TO REMAIN
- SHRUB AND GROUNDCOVER AREA

## KEYNOTES

1. PERVIOUS CONCRETE PAVERS--BANDED PATTERN
2. PERVIOUS PAVING
3. CONCRETE SIDEWALK--5' WIDE W/4' WIDE PLANTING STRIP AT BACK OF CURB--REPLACE EXISTING
4. FENCE (6 FT HIGH) AT PROPERTY LINE
5. NOT USED
6. BIKE LOCKER A (STORAGE FOR 10 BIKES)
7. BIKE RACKS (STORAGE FOR 2 BIKES)
8. CONCRETE FEATURE WALL AT ENTRY--FUTURE SIGNAGE/SITE ID
9. DRIVEWAY
10. STORMWATER TREATMENT AREA--SEE CIVIL DRAWINGS
11. PLANTING AREA--AREA FOR FUTURE UTILITIES
12. EXISTING OVERHEAD UTILITY LINES
13. VISION TRIANGLES AT DRIVEWAYS
14. TRASH ENCLOSURE

## NOTES

1 FOR STORMWATER TREATMENT FACILITIES REFER TO CIVIL PLANS

2 CLEARANCES FROM UTILITY LINES
- 10' SEWERS
- 5' ELECTRICITY/GAS
- 5' DOMESTIC WATER/RECYCLED WATER (WITH ROOT BARRIER)
- 10' DOMESTIC WATER/RECYCLED WATER (WITHOUT ROOT BARRIER)

3 ROOT BARRIERS PER CITY OF SANTA CLARA WILL BE USED WHEN THE DRIP LINE OF THE CANOPY AT MATURITY COVERS THE SIDEWALK. ROOT BARRIERS SHALL BE 16 FEET LONG OR EXTEND TO THE DRIP LINE OF THE MATURE TREE, WHATEVER IS GREATER, AND BE 1.5 FEET DEPT, AND CENTERED ON TREES. ROOT BARRIERS FOR CURB AND GUTTER PROTECTION SHALL BE 16 FEET LONG OR EXTEND TO DRIP LINE OF THE MATURE TREE, WHICHEVER IS GREATER, AND BE 2 FEET DEEP, AND CENTERED ON TREES.

## PLANT LIST

| ABBREV. | BOTANICAL NAME | COMMON NAME | SIZE | MISC. NOTES & REQUIREMENTS | EST. QUANTITY |
|---|---|---|---|---|---|
| **TREES** | | | | | |
| LAG MUS | *Lagerstroemia x 'Muskogee'* | Crape Myrtle (Lavender) | 24" Box | Hi. Br./SL/Match | 3 |
| LAU SAR | *Laurus n. 'Saratoga'* | Hybrid Laurel | 24" Box | S.L./No. Whorl. Br./N. Drp. Br./Match | 1 |
| TRI LAU | *Tristania laurina 'Elegant'* | Tristania | 24" Box | S.L./No. Whorl. Br./N. Drp. Br./Match | 1 |
| | | | | | |
| **SHRUBS** | | | | | |
| OLE OLL | *Olea europaea 'Little Ollie'* | Dwarf Olive (fruitless) | 5 G.C. | F & B | 33 |
| PHO YW | *Phormium tenax 'Yellow Wave'+* | Cream New Zealand Flax | 5 G.C. | 2'-6" o.c. /Match | 19 |
| | | | | | |
| **PERENNIALS/BULBS/ANNUALS** | | | | | |
| HEM BIT | *Hemerocallis 'Bitsy'** | Evergreen, repeat bloom Daylily | B.R. | Double fan min., plant at 18" o.c. max. | 17 |
| LAV MUN | *Lavandula angustifolia 'Munstead'* | English Lavender | 1 G.C. | | 124 |
| LIM PER | *Limonium perezii* | Sea Lavender | 1 G.C. | spacing varies | 79 |
| | | | | | |
| **GROUNDCOVERS** | | | | | |
| LAN MON | *Lantana montevidensis* | Trailing Lantana | 1 G.C. | Plant at 2'-6" o.c. | 4149 SF |
| VIN MIN | *Vinca minor* | Dwarf Periwinkle | 1 G.C. | Plant at 2'-6" o.c. | 171 SF |
| **SEDGE (STORMWATER AREAS)** | | | | | |
| CAR TUM | *Carex tumicula* | Berkeley Sedge | 1 G.C. | Plant at 15" o.c. | 987 SF |
| JUN PAT | *Juncus patens* | Common Rush | 1G.C. | Plant at 18" o.c. | 126 |

**NOTES:**

2. * *Hemerocallis* available only from Greenwood Daylilies, 5595 E. 7th #490, Long Beach, CA 90804, (562) 494-8944.

3. + *Phormum t. hybrids* must be accompanied by a written guarantee stating they are the named cultivar and are stable in size, form and color. Submit to owner and landscape architect. Proof of securement and purchase must also be submitted with in two weeks of award of contract.

**PLANT LIST ABBREVIATIONS:**

Note: This list together with the plant list prepared by Taniguchi Landscape Architecture must accompany the contractor's nursery order(s)

| | |
|---|---|
| SL | Single main, straight, dominant, leader |
| Hi. Br. | High branched--lowest limbs held above rootball 5' min. for 15 gallon can 6' min. for 24" box trees |
| No Top | No topping or pruning of upper branches |
| Br. Gr. | Branched to ground |
| F & B | Full dense, bushy, vigorous plants, with young growth closely spaced on branches, no old/woody plants. |
| N.V.S.-30 deg. | Narrow upright vase shape 30 degrees or less spread in branch/trunk structure |
| N.V.S.-45 deg. | Narrow upright vase shape 45 degrees or less spread in branch/trunk structure |
| No. Whorl. Br. | No closely spaced whirled branches. Select even symmetrical branch distribution |
| Match | Matched size, form, caliper, branching and cultivar. Select from one lot, one grower, for guaranteed consistency through life of plants. In general plants within a group or area are to be matched, unless noted otherwise. |
| T.F. | Tree Form |
| S.F. | Shrub Form |
| N.F. | Narrow upright Form |
| B.R. | Bare Root |
| B & B | Balled and Burlap |
| Mult. St. | Multi stemmed |
| Flat | Rooted cuttings from flats at on center distance specified in list. See groundcover/shrub o.c. planting detail for layout. |
| Cal. | Caliper |
| EV. | Evergreen |
| G.C. | Gallon Can |
| N.C.N. | No Common Name |
| Trail F | Select trailing Forms for prostrate growth |
| Veg. Gr. | Vegetative Grown |
| Hed. F. | Hedge Form (clipped) |
| Stem up. | Stem up to expose trunk and lower branch pattern |
| N. Drp. Br. | No long heavy drooping branches |

## EXISTING TREES--REFER TO ARBORIST REPORT

BY ROBERT BOOTY, DATED MAY 20, 2019

Tree Inventory Data

* Indicates multi-Stem trunk

| Tree Tag # | Common Name / Botanical Name | DBH | Height | Crown Radius | % Vigor | % Structural Condition | % Overall Condition | Suitability for Preservation | Age Evaluation | Observations / Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 1259 | *Xylosma / Xylosma congestum* | "15.5 | 17' | 15' | 80% | 65% | 70% Fair | Low | Overly Mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1260 | *Xylosma / Xylosma congestum* | "13" | 12' | 10' | 45% | 50% | 60% Fair | Low | Overly Mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1261 | Unknown | 3" | | | | | 0% Dead | Very Low | | Located in small narrow parking strip. Surrounded by asphalt. Tree is dead. |
| 1262 | Evergreen Ash / *Fraxinus uhdei* | 5" | 15' | 10' | 80% | 80% | 80% Good | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1264 | Glossy Privet / *Ligustrum lucidum* | 2.5' | 8' | 8' | 75% | 70% | 75% Good | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1263 | Evergreen Ash / *Fraxinus uhdei* | * 26" | 30' | 15' | 75% | 75% | 75% Good | Low | mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1266 | Evergreen Ash / *Fraxinus uhdei* | "5.5" | 12' | 8' | 80% | 80% | 80% Good | Low | young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1267 | Evergreen Ash / *Fraxinus uhdei* | "21.5 | 42' | 14' | 80% | 80% | 80% Good | Low | mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1269 | Evergreen Ash / *Fraxinus uhdei* | 7.5" | 27' | 10' | 80% | 80% | 80% Good | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1270 | Evergreen Ash / *Fraxinus uhdei* | 8" | 25' | 6' | 80% | 80% | 80% Good | Low | mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1271 | Evergreen Ash / *Fraxinus uhdei* | 5" | 22' | 6' | 80% | 80% | 80% Good | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1272 | Evergreen Ash / *Fraxinus uhdei* | 3" | 22' | 6' | 80% | 80% | 80% Good | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1273 | Evergreen Ash / *Fraxinus uhdei* | 3" | 12' | 6' | 80% | 80% | 80% Good | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1274 | Evergreen Ash / *Fraxinus uhdei* | 5" | 8' | 2' | 30% | 30% | 35% Poor | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1275 | Evergreen Ash / *Fraxinus uhdei* | 3.5" | 13' | 6' | 80% | 80% | 80% Good | Lowe | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1276 | Evergreen Ash / *Fraxinus uhdei* | 13" | 45' | 20' | 80% | 80% | 80% Good | Low | mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1268 | Evergreen Ash / *Fraxinus uhdei* | "18" | 15' | 10' | 70% | 70% | 70% Fair | Low | mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1277 | Evergreen Ash / *Fraxinus uhdei* | 6" | 20' | 10' | 75% | 75% | 75% Good | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |

| Tree Tag # | Common Name / Botanical Name | DBH | Height | Crown Radius | % Vigor | % Structural Condition | % Overall Condition | Suitability for Preservation | Age Evaluation | Observations / Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 1285 | Glossy Privet / *Ligustrum lucidum* | 4" | 15' | 10' | 75% | 35% | 75% Good | Low | mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1278 | *Xylosma / Xylosma congestum* | 8" | 12' | 6' | 30% | 30% | 30% Poor | Low | Overly Mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1279 | *Xylosma / Xylosma congestum* | "18" | 12' | 10' | 30% | 30% | 30% Poor | Low | Overly Mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1280 | Evergreen Ash / *Fraxinus uhdei* | 2" | 10' | 4' | 45% | 45% | 45% Poor | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1281 | Evergreen Ash / *Fraxinus uhdei* | "23" | 50' | 14' | 75% | 75% | 75% Fair | Low | mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1283 | Evergreen Ash / *Fraxinus uhdei* | 1" | 9' | 4' | 75% | 75% | 75% Good | Low | Young | Located in parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1282 | Cherry Tree / *Prunus avium* | "15" | 9' | 9' | 0% | 0% | 0% Dead | Low | | Dead |
| 1284 | Cherry Tree / *Prunus avium* | "18" | 10' | 10' | 0% | 0% | 0% Dead | Low | | Dead |
| 1286 | Canary Island Pine / *Pinus canariensis* | 27" | 84' | 28' | 80% | 75% | 75% Good | Moderate | mature | Tree has a slight lean towards the parking lot. 13 feet away from building. |
| 1288 | Crape Myrtle / *Lagerstroemia indica* | 6" | 19' | 8' | 80% | 80% | 80% Good | Moderate | Mature | 13 feet away from building. |
| 1289 | Crape Myrtle / *Lagerstroemia indica* | 6" | 18' | 8' | 80% | 80% | 80% Good | Moderate | mature | 13 feet away from building. |
| 1290 | Incense Cedar / *Calocedrus decurrens* | 10" | 23' | 6' | 70% | 50% | 60% Fair | Moderate | Semi-mature | 29 feet away from building. Slight lean towards street. |
| 1291 | Incense Cedar / *Calocedrus decurrens* | 8" | 23' | 6' | 70% | 50% | 60% Fair | Moderate | Semi-mature | 29 feet away from building. Slight lean towards street. |
| 1292 | Tulip Poplar / *Liriodendron tulipifera* | 17" | 47' | 20' | 75% | 50% | 50% Fair | Moderate | mature | Improperly pruned. Lower branches removed, canopy too high. Leaving the tree top-heavy, prone to failure. 14 feet away from building. |
| 1293 | Eucalyptus / Eucalyptus species | 31" | 39' | 25' | 70% | 75% | 70% Good | Moderate | mature | 29 feet away from building. |
| 1294 | Canary Island Pine / *Pinus canariensis* | "18" | 45' | 15' | 75% | 70% | 75% Good | Moderate | mature | 9 feet away from building. |
| 1295 | Peach tree | 5" | 8' | 9' | 75% | 70% | 75% Good | Moderate | mature | 9 feet away from building. |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**AGENCY APPROVAL**

**PROJECT**

PRIME DATA CENTERS

1111 COMSTOCK

1111 COMSTOCK ST, SANTA CLARA, CA 95054

No. Description

**CAC PROJECT NO.**

**TLA PROJECT NO. 19010.000**

**REVISIONS**

**KEY PLAN & NORTH ARROW**

N

**DATE** MAY 26, 2020

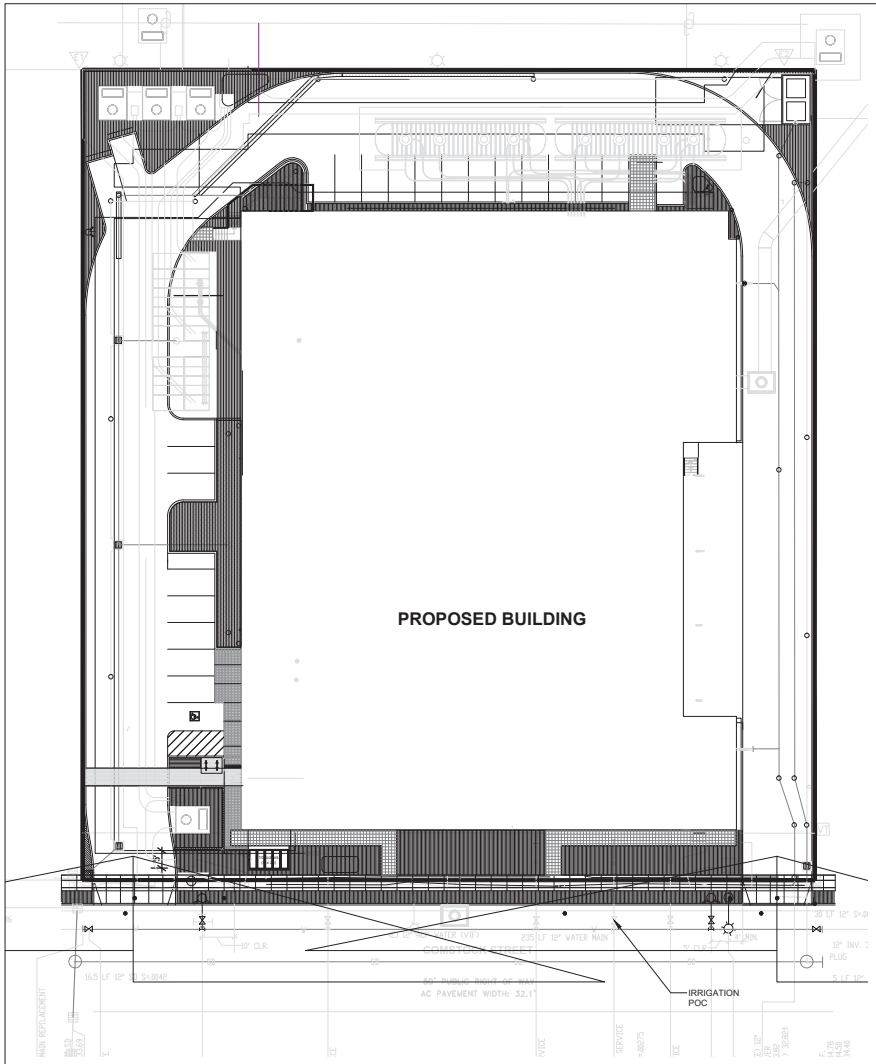
**SCALE** 1/16" = 1'-0"

**DRAWING TITLE**

SCHEMATIC LANDSCAPE PLAN

**SHEET NO.**

**L.1**




# PLAN

N

0 8' 16' 32'

SCALE: 1" = 16'-0"

I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN

DENNIS M TANIGUCHI, CLA 2942

## HYDROZONE LEGEND

LOW WATER USE

MEDIUM WATER USE

HIGH WATER USE

IRRIGATION SOURCE: DOMESTIC POTABLE WATER (EXIST)

## CONCEPTUAL IRRIGATION STATEMENT

1 IRRIGATION DESIGN SHALL BE ZONED FOR 1) TURF AND ANNUALS AND OTHER MODERATE TO HIGHER WATER USE PLANT MATERIALS; 2) GROUNDCOVERS, AND 3) NATIVE AND WATER CONSERVING PLANT MATERIALS.

2 IRRIGATION DESIGN SHALL ALSO BE ZONED FOR MICRO CLIMATES INCLUDING COOL, SHADED AND PROTECTED AREAS, AS WELL AS HOT, SUNNY AND WINDY AREAS.

3 PART SHADE AREAS INCLUDE MODERATE WATER USE AREAS HAVING MORNING AND/OR AFTERNOON SHADE.

4 COOL AND FULL SHADY AREAS INCLUDE LOW WATER USE AREAS FOR PLANTS REQUIRING LITTLE OR NO IRRIGATION WATER AND/OR LOCATIONS THAT WILL PROVIDE MOIST CONDITIONS.

5 LAYOUT SHALL BE DESIGNED FOR MINIMUM RUNOFF AND OVERSPRAY ONTO NON-LANDSCAPED AREAS

6 LOW VOLUME SPRINKLERS SHALL BE USED WHEREVER POSSIBLE WITH HEAD TO HEAD COVERAGE.

7 DRIP EMITTER OR BUBBLER IRRIGATION SHALL BE UTILIZED AT TREES TO PROMOTE DEEP WATERING WHEREVER POSSIBLE.

8 DRIP IRRIGATION SHALL BE UTILIZED AT NON-TRAFFIC OR ISOLATED PLANTING AREAS TO DECREASE THE POSSIBILITY OF VANDALISM TO THE MICRO-TUBING.

9 THE IRRIGATION CONTROLLER SHALL HAVE AMPLE CAPACITY IN TERMS OF PROGRAMS AND CYCLES THAT WILL MATCH THE COMPLEXITY OF THE LANDSCAPE PLAN FOR MORE EFFICIENT WATERING. FOR EXAMPLE, THE CONTROLLER SHALL HAVE THE ABILITY TO HAVE MULTIPLE CYCLES TO PERMIT A NUMBER OF SHORT DURATION WATERINGS THAT WILL ALLOW WATER TO SOAK INTO THE SOIL RATHER THAN RUN OFF.

10 INDIVIDUAL BUBBLERS OR DRIP EMITTERS SHALL BE UTILIZED TO ISOLATE WATER FOR PLANT MATERIALS AND ELIMINATE WATERING OF "BARE GROUND."

## STANDARDS FOR IRRIGATION EQUIPMENT

1 MAINLINES SHALL BE 1120 PVC-SCHEDULE 40 FOR PIPE SIZE 1 1/2" AND SMALLER, 1120 PVC-CLASS 315 FOR PIPE SIZES 2" AND 2 1/2", BELL AND RING PVC-CLASS 160 FOR PIPE SIZES 3" AND LARGER.

2 LATERAL LINES SHALL BE 1120 PVC-CLASS 200.

3 DEPTH OF MAINLINE: 24" OF COVER
DEPTH OF LATERAL LINE: 18" OF COVER
DEPTH OF PIPE UNDER PAVING: 24" OF COVER ENCASED IN A SLEEVE

4 BACKFLOW PREVENTER SHALL BE A TYPE APPROVED BY AND INSTALLED PER LOCAL CODES.

5 SPRINKLERS SHALL HAVE MATCHED PRECIPITATION RATES WITHIN EACH CONTROL VALVE CIRCUIT.

6 PRECIPITATION RATES FOR SPRINKLERS SHALL MATCH SOIL ABSORPTION RATE.

7 SPRINKLERS SHALL HAVE PRESSURE COMPENSATING FEATURE WHENEVER POSSIBLE TO PREVENT FOGGING AND MISTING AND TO PREVENT WIND DRIFT.

8 SPRINKLER CIRCUIT SHALL HAVE A CHECK VALVE INSTALLED WHERE NECESSARY TO MINIMIZE OR PREVENT LOW HEAD DRAINAGE.

9 RAIN SENSING OVERRIDE DEVICES SHALL BE INSTALLED WITH CONTROLLER.

10 IRRIGATION CONTROLLER PROGRAMMING DATA WILL NOT BE LOST DUE TO AN INTERRUPTION OF THE PRIMARY POWER SOURCE.

11 PRESSURE REGULATORS SHALL BE INSTALLED ON THE IRRIGATION SYSTEM TO MAINTAIN DYNAMIC PRESSURE WITHIN THE MANUFACTURER'S RECOMMENDED PRESSURE RANGE.

12 MANUAL SHUT-OFF VALVES TO BE INSTALLED AS CLOSE AS POSSIBLE TO THE POINT OF CONNECTION OF THE IRRIGATION WATER SUPPLY.

## NOTES:

1 A MINIMUM 3-INCH LAYER OF 1/2" to 1' DIAMETER FIR OR PINE BARK MULCH SHALL BE APPLIED ON ALL EXPOSED SOIL SURFACES OF PLANTING AREAS EXCEPT TURF AREAS.

2 UNLESS CONTRAINDICATED BY A HORTICULTURAL SOILS ANALYSIS, SOIL AMENDMENT TO INCLUDE COMPOST AT A MINIMUM OF 4 CUBIC YARDS PER 1000 SF OF PLANTING AREA INCORPORATED TO A DEPTH OF 6 INCHES.

3 PLANT MATERIAL SPECIES ARE DROUGHT TOLERANT INTRODUCED OR NATIVE AND NON-INVASIVE PLANT SPECIES(AS DEFINED BY THE CALIFORNIA INVASIVE PLANT COUNCIL). DROUGHT TOLERANCE IS AS DEFINED IN "PLANTS AND LANDSCAPES FOR SUMMER-DRY CLIMATES OF THE SAN FRANCISCO BAY REGION" BY THE EAST BAY MUNICIPAL UTILITY DISTRICT.

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|---|---|

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**REVISIONS**

**KEY PLAN & NORTH ARROW**

N

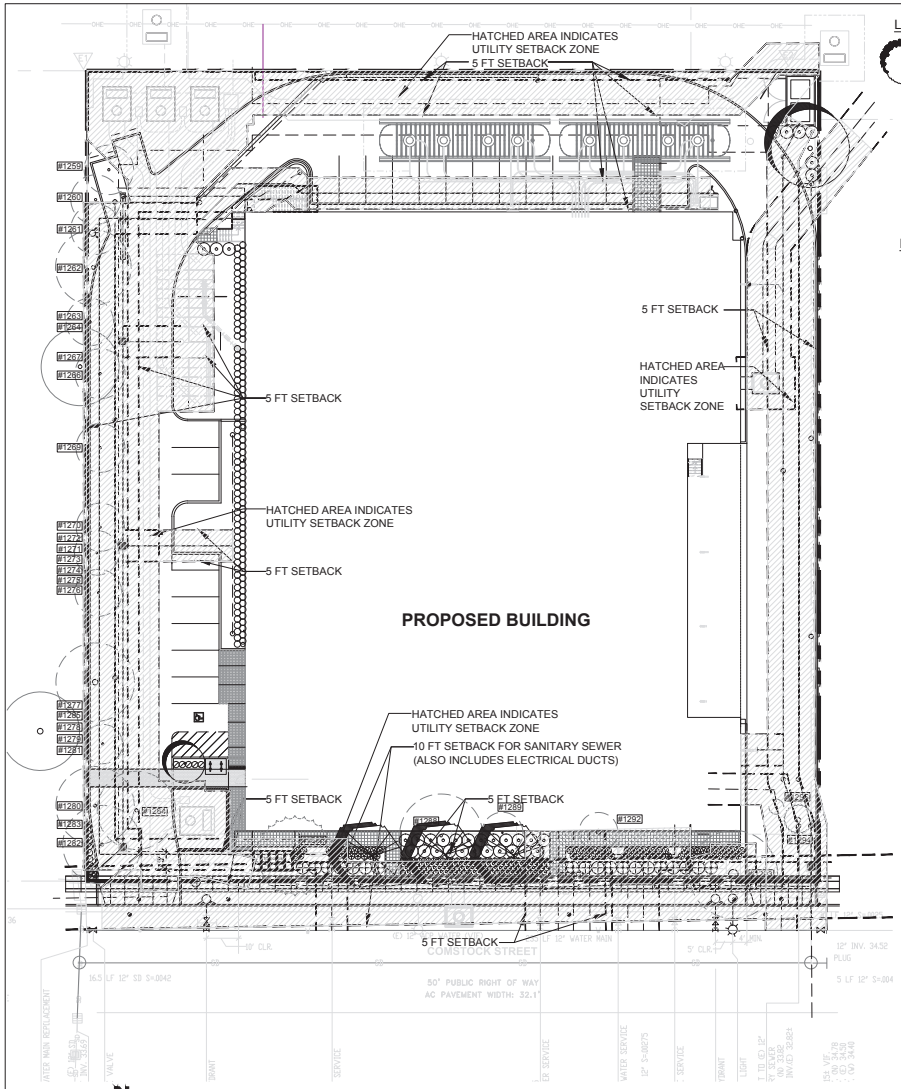
| | |
|---|---|
| **DATE** | MAY 26, 2020 |
| **SCALE** | 1/16" = 1'-0" |

**DRAWING TITLE**

IRRIGATION HYDROZONE PLAN

**SHEET NO.**

**L.2**




## LEGEND

- PROPOSED TREES
- X — EXISTING TREES TO BE REMOVED
- #99 — TREE NUMBER–REFER TO ARBORIST REPORT AND EXISTING TREE TABLE
- EXISTING TREES TO REMAIN

## NOTES

1 FOR STORMWATER TREATMENT FACILITIES REFER TO CIVIL PLANS

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- 10' SEWERS
- 5' ELECTRICITY/GAS
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4. TREE SETBACKS AND ROOT BARRIERS PER SILICON VALLEY POWER, "TREE PLANTING REQUIREMENTS NEAR UNDERGROUND ELECTRIC FACILITIES", SD-1235.

## PLAN

N

0 8' 16' 32'
SCALE: 1" = 16'-0"

I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN

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**REVISIONS**

**KEY PLAN & NORTH ARROW**

N

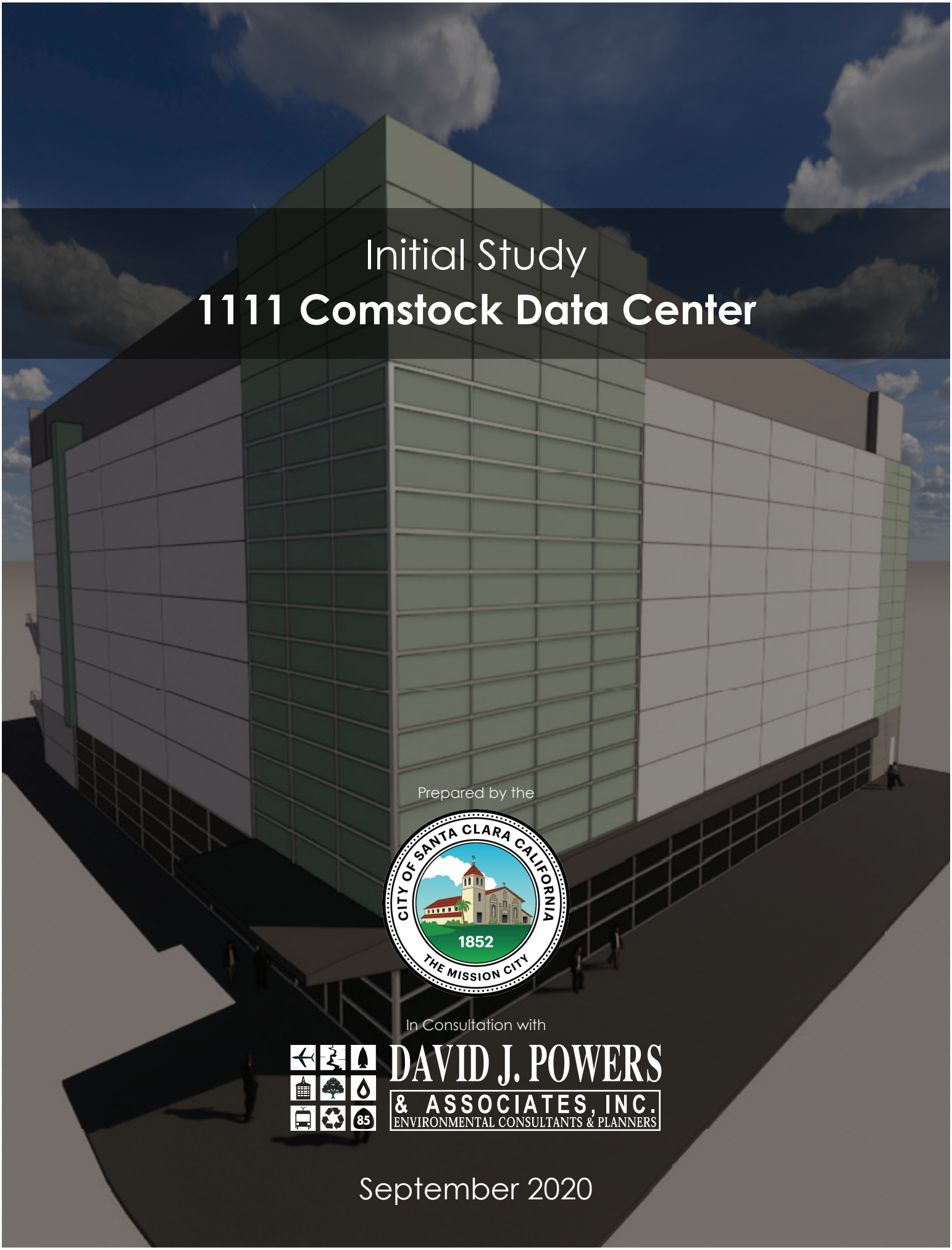
| | |
|---|---|
| **DATE** | MAY 26, 2020 |
| **SCALE** | 1/16" = 1'-0" |

**DRAWING TITLE**

COMPOSITE UTILITY/TREE PLANTING PLAN

**SHEET NO.**

**L.3**



# Initial Study
# 1111 Comstock Data Center

Prepared by the

CITY OF SANTA CLARA CALIFORNIA
1852
THE MISSION CITY

In Consultation with

DAVID J. POWERS & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS & PLANNERS

September 2020

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## Appendices

Appendix A: Air Quality and GHG Assessment
Appendix B: Cultural Resources Literature Search
Appendix C: Geotechnical Investigation
Appendix D: Phase I Environmental Site Assessment
Appendix E: Noise Assessment
Appendix F: VMT Evaluation Tool

All appendices are incorporated by this reference into this document. No other documents are incorporated by reference.

# SECTION 1.0 INTRODUCTION AND PURPOSE

## 1.1 PURPOSE OF THE INITIAL STUDY

The City of Santa Clara, as the Lead Agency, has prepared this Initial Study for the Comstock Data Center in compliance with the California Environmental Quality Act (CEQA), the CEQA Guidelines (California Code of Regulations §15000 et. seq.) and the regulations and policies of the City of Santa Clara, California.

The project proposes to construct a new data center. This Initial Study evaluates the environmental impacts that might reasonably be anticipated to result from implementation of the proposed project.

## 1.2 PUBLIC REVIEW PERIOD

Publication of this Initial Study marks the beginning of a 30-day public review and comment period. During this period, the Initial Study will be available to local, state, and federal agencies and to interested organizations and individuals for review. Written comments concerning the environmental review contained in this Initial Study during the 30-day public review period should be sent to:

City of Santa Clara
Community Development Department
Rebecca Bustos, Senior Planner
1500 Warburton Avenue
Santa Clara, CA 95050
(408) 615-2450

## 1.3 CONSIDERATION OF THE INITIAL STUDY AND PROJECT

Following the conclusion of the public review period, the City of Santa Clara will consider the adoption of the Initial Study/Mitigated Negative Declaration (MND) for the project at a regularly scheduled meeting. The City shall consider the Initial Study/MND together with any comments received during the public review process. Upon adoption of the MND, the City may proceed with project approval actions.

## 1.4 NOTICE OF DETERMINATION

If the project is approved, the City of Santa Clara will file a Notice of Determination (NOD), which will be available for public inspection and posted within 24 hours of receipt at the County Clerk's Office for 30 days. The filing of the NOD starts a 30-day statute of limitations on court challenges to the approval under CEQA (CEQA Guidelines Section 15075(g)).

# SECTION 2.0 PROJECT INFORMATION

## 2.1 PROJECT TITLE

1111 Comstock Data Center

## 2.2 LEAD AGENCY CONTACT

Rebecca Bustos, Senior Planner
City of Santa Clara
Community Development Department
1500 Warburton Avenue
Santa Clara, CA 95050
(408) 615-2450
rbustos@santaclaraca.gov

## 2.3 PROJECT APPLICANT

John Kolar
Integra Mission Critical
jkolar@integra-mc.com

## 2.4 PROJECT LOCATION

1111 Comstock Street, Santa Clara CA (refer to Figures 2.4-1, 2.4-2, and 2.4-3)

## 2.5 ASSESSOR'S PARCEL NUMBER

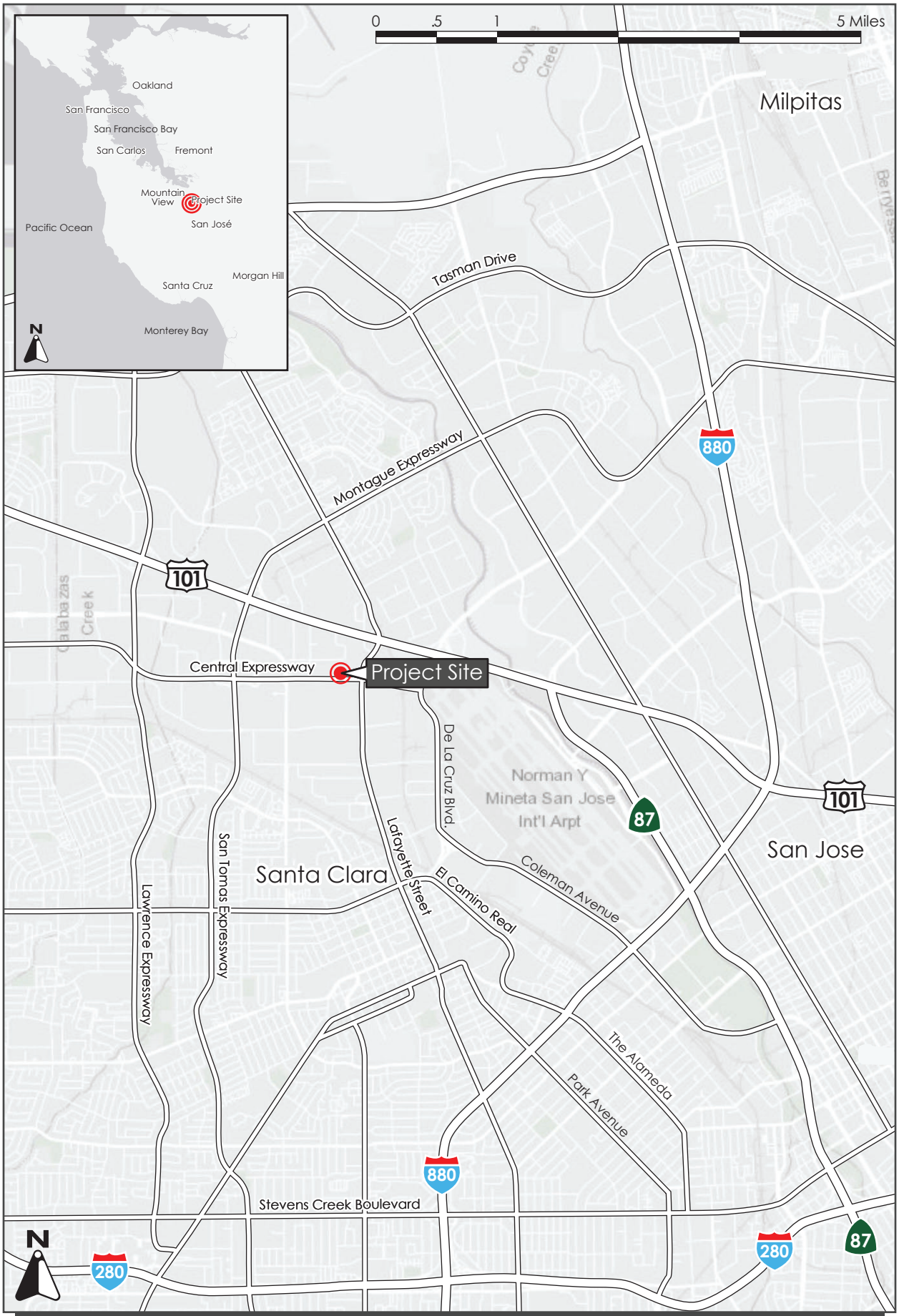
224-08-092

## 2.6 GENERAL PLAN DESIGNATION AND ZONING DISTRICT

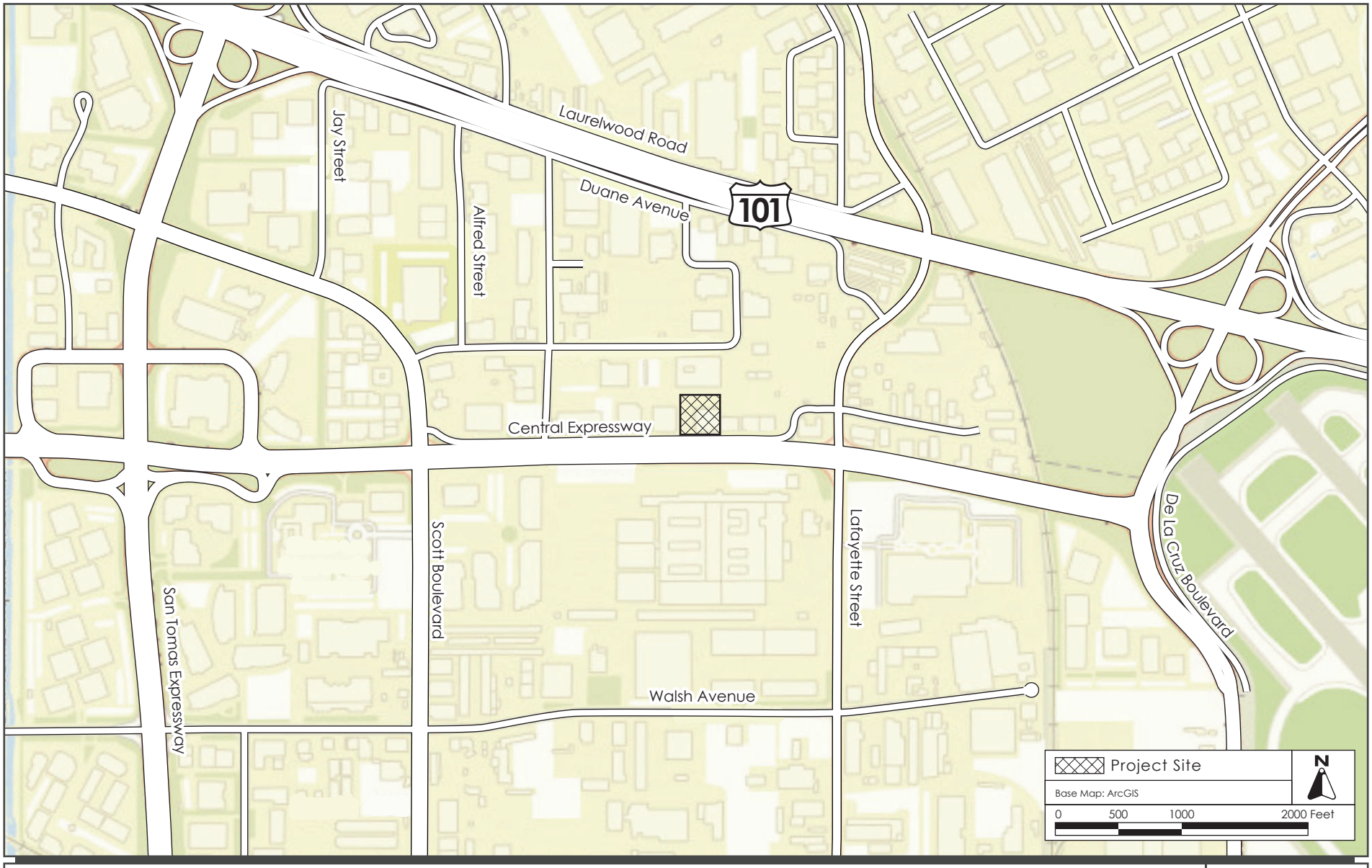
General Plan: *Low Intensity Office/R&D*
Zoning: *Light Industrial*

## 2.7 PROJECT-RELATED APPROVALS, AGREEMENTS, AND PERMITS

Architectural Review
Demolition Permit
Building Permit




REGIONAL MAP | FIGURE 2.4-1




VICINITY MAP

FIGURE 2.4-2

AERIAL PHOTOGRAPH AND SURROUNDING LAND USES

FIGURE 2.4-3

# SECTION 3.0 PROJECT DESCRIPTION

## 1.1 PROPOSED DEVELOPMENT

The approximately 1.38-acre project site, located at 1111 Comstock Street (APN 224-08-092) in Santa Clara, is currently developed with a one-story, 23,765 square foot (sf) industrial building and a paved parking lot. The site is zoned as Light Industrial, and has a General Plan designation of Low Intensity Office/R&D. The project proposes to demolish the existing improvements on the site to construct a four-story, 121,170 sf data center building. The data center building would house computer servers for private clients in a secure and environmentally controlled structure and would be designed to provide 10 megawatts (MW) of information technology (IT) power. Mechanical equipment for building cooling would be located on the roof.

Standby backup emergency electrical generators would be installed to provide for an uninterrupted power supply. Six 3,000-KW diesel-fueled engine generators and one 500-kW diesel-fueled engine generator would be located within a generator room on the first floor of the building. Fuel for the generators would be stored in two 30,000-gallon underground storage tanks which would feed individual 160-gallon daytanks located adjacent to each generator. The conceptual site plan is shown on Figure 3.1-1.

### 1.1.1 Building Heights and Setbacks

The data center building would be approximately 80 feet in height, with parapets extending to a height of 87.5 feet. A metal roof screen would extend to a height of 98 feet to shield mechanical equipment. Building elevations are shown on Figures 3.1-2 and 3.1-3.

The building would be located in the southern, central portion of the site and set back approximately 15 feet from the southern property line on Comstock Street, 45 feet from the northern property line, 50 feet from the western property line, and 25 feet from the eastern property line.

### 1.1.2 Site Access and Parking

Access to the site would be provided by a primary driveway on Comstock Street. The primary driveway would be approximately 26 feet wide and would be located in the southwestern portion of the site in the same location as the existing driveway entrance. A secondary driveway entrance for emergency access would be constructed on Comstock Street in the southeastern portion of the site and would be approximately 22 feet wide. The emergency driveway would wrap around the perimeter of the building and would include a curb and handicap ramp. The project would provide approximately 24 parking spaces, including one accessible space and two clean air/vanpool/EV spaces, located along the western side of the building.

### 1.1.3 Site Grading, Excavation, and Construction

The existing improvements on the site would be demolished to allow for construction of the project. Demolition and construction activities would last approximately 12 months. Excavation for utilities would extend to depths of up to eight feet. Roughly 860 cubic yards of soil would be removed from the site as a result of excavation activities. Augered foundation piles would extend to a depth of 80

feet. The site would be graded to direct stormwater flows towards the biotreatment area located along the western boundary of the site.

### 1.1.4 Landscaping

The project proposes to remove approximately 24 existing trees on-site and plant five replacement trees. New landscaping consisting of trees, shrubs, sedge, perennials, bulbs, annuals and groundcover would be installed in the northeastern, northwestern, and southwestern corners of the site, as well as the southern perimeter of the site, and the western side of the proposed building. The landscape plan is shown on Figure 3.1-4.

### 1.1.5 Stormwater Controls

The project proposes to construct a stormwater treatment area between the west side of the building and the parking lot. The existing storm drain line on the site would be removed and a new 12-inch storm drain line would connect the treatment area to the existing storm drain line in Comstock Street. Pedestrian walkways would be composed of permeable pavers. The site would have a total of approximately 28,337 sf of pervious surface, which would be an increase compared to existing conditions. The stormwater management plan is shown on Figure 3.1-5.

### 1.1.6 Sanitary Sewer and Electric Infrastructure Improvements

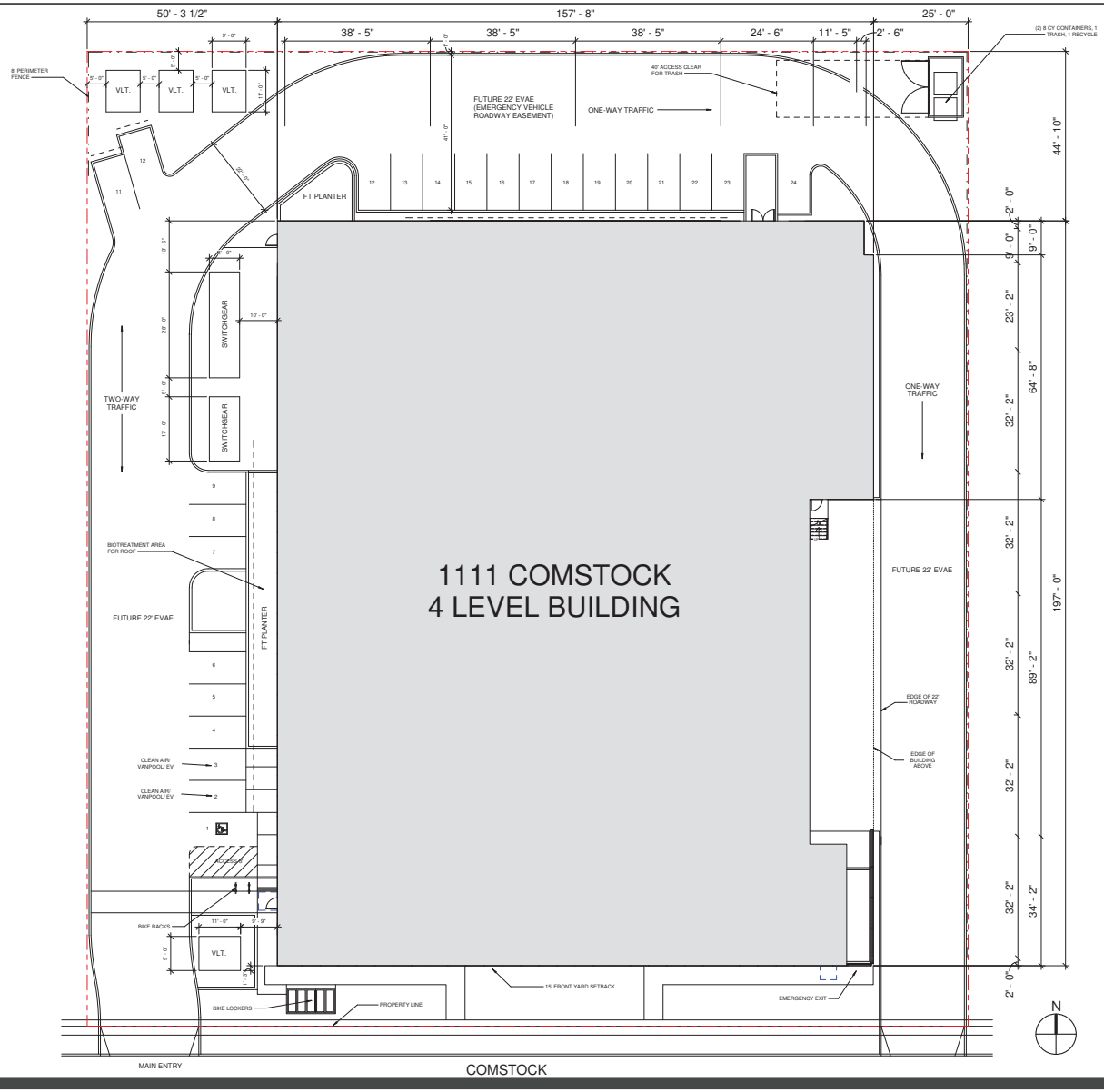
A six-inch sanitary line would be installed adjacent to the west side of the proposed building. The sanitary sewer line would connect to the existing line in Comstock Street.

Underground electrical conduit with concrete encasement would be installed onsite and would connect to an existing underground electric line in Comstock Street.

### 1.1.7 Generator Testing Schedule

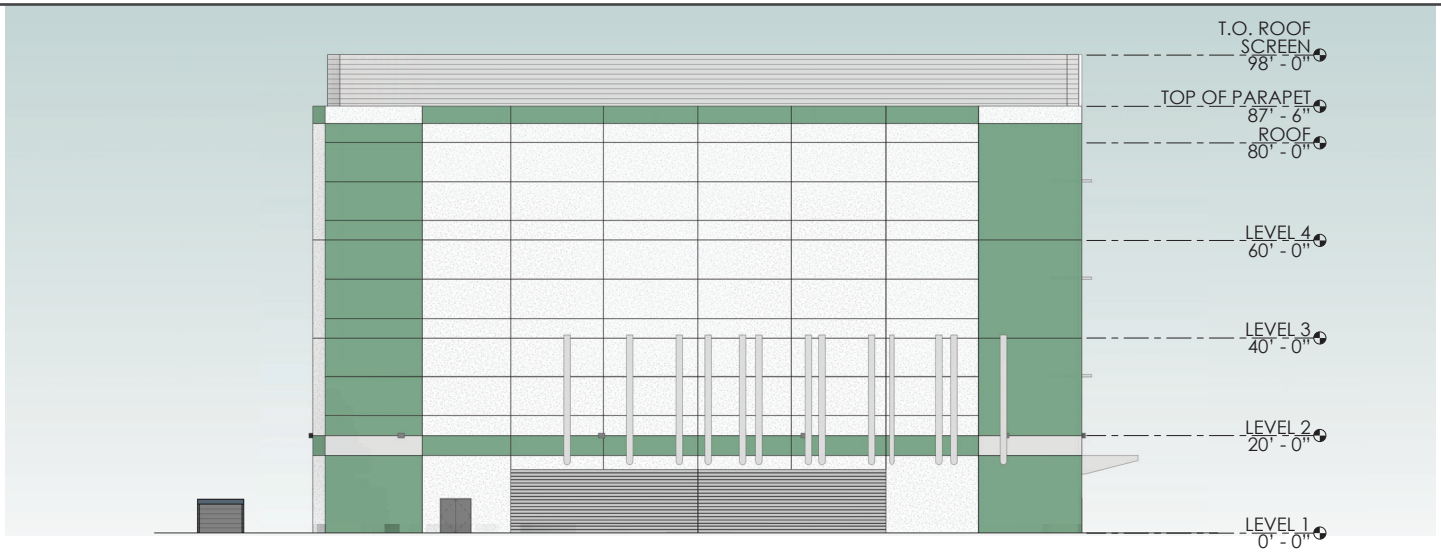
The seven emergency backup generators would each be tested once per month for up to one hour. Tests would be conducted with no load for 11 months out of the year, and at with full load one month out of the year.[1]

[1] Generator load refers to the actual electricity generation of the generator while it is running. For example, a generator running at no load generates no electricity, and is analogous to an idling engine. A generator running at full load is generating the maximum amount of electricity it is capable of producing. Generally, the higher the load that is placed on the engine, the more fuel it will consume, resulting in greater air quality and greenhouse gas emissions, as well as higher noise levels.

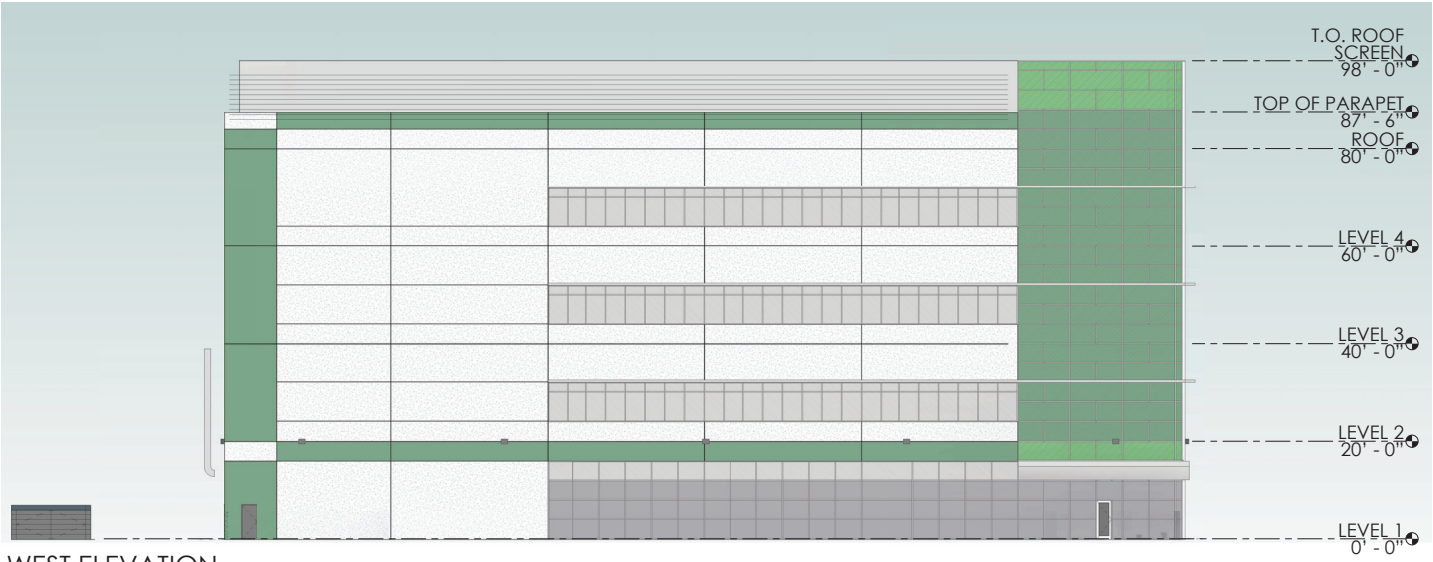



SITE PLAN

FIGURE 3.1-1

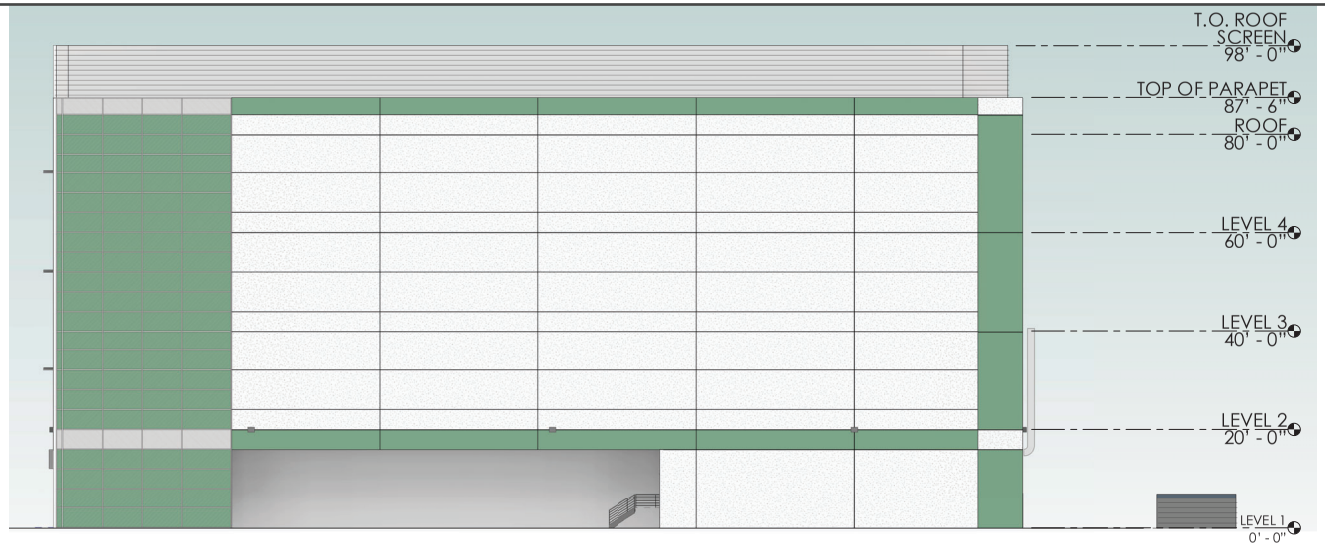



NORTH ELEVATION

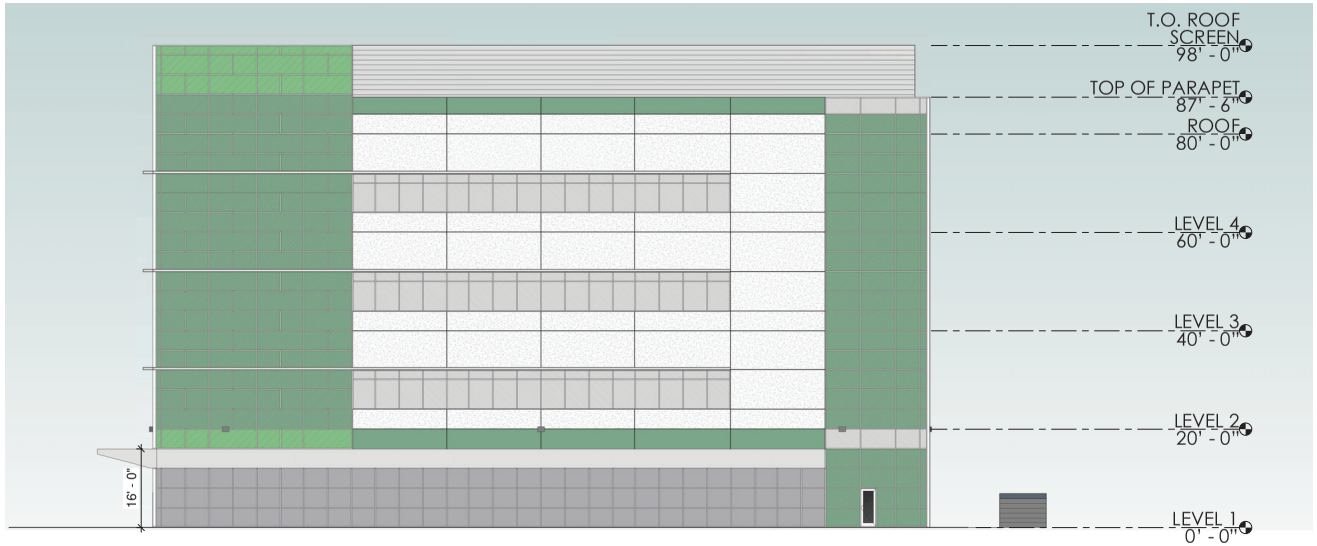



WEST ELEVATION

NORTH AND WEST BUILDING ELEVATIONS | FIGURE 3.1-2



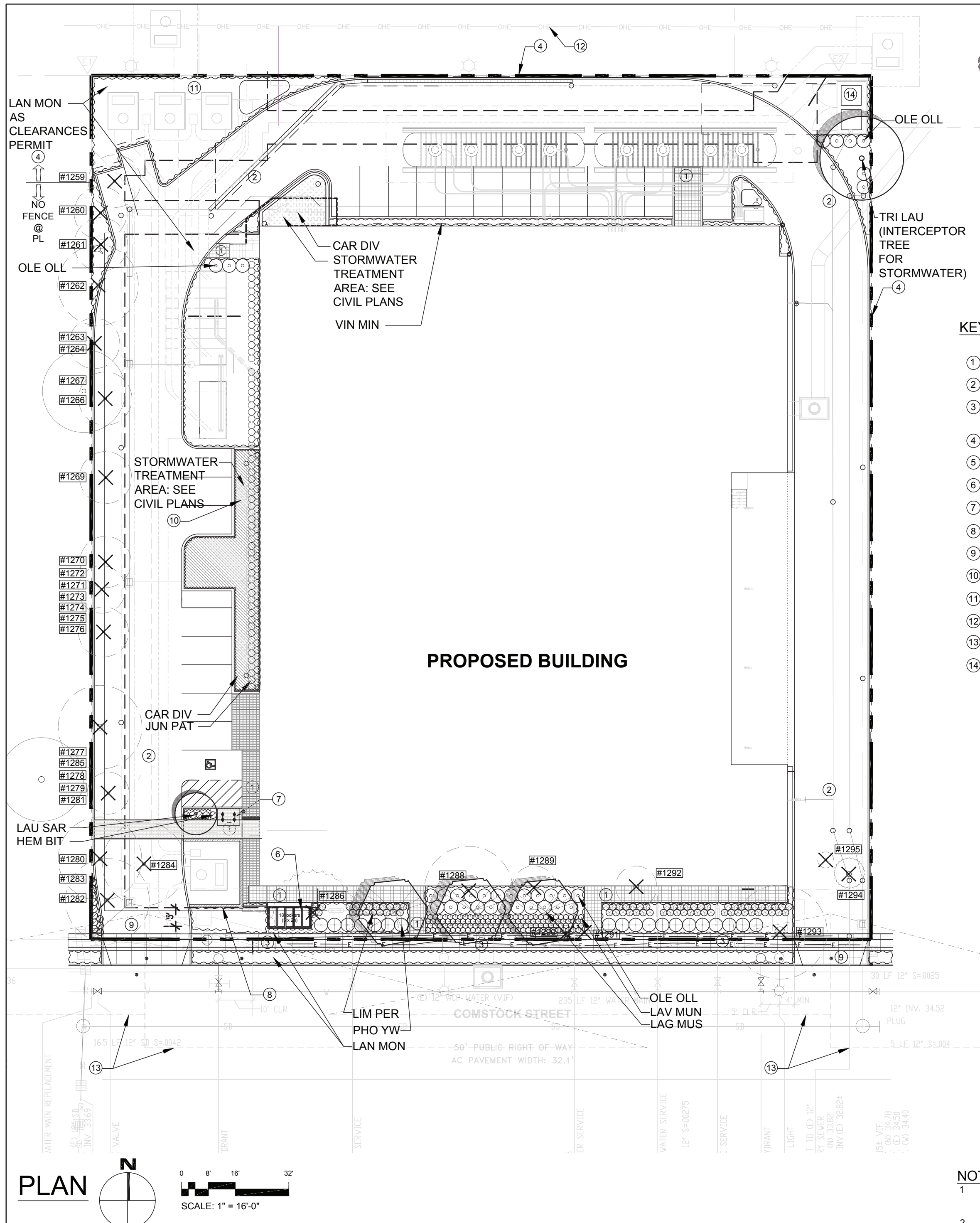

EAST ELEVATION




SOUTH ELEVATION

EAST AND SOUTH BUILDING ELEVATIONS

FIGURE 3.1-3




## LEGEND

- PROPOSED TREES
- EXISTING TREES TO BE REMOVED
- #99 TREE NUMBER--REFER TO ARBORIST REPORT AND EXISTING TREE TABLE
- EXISTING TREES TO REMAIN
- SHRUB AND GROUNDCOVER AREA

## KEYNOTES

1. PERVIOUS CONCRETE PAVERS--BANDED PATTERN
2. PERVIOUS PAVING
3. CONCRETE SIDEWALK--5' WIDE W/4' WIDE PLANTING STRIP AT BACK OF CURB--REPLACE EXISTING
4. FENCE (6 FT HIGH) AT PROPERTY LINE
5. NOT USED
6. BIKE LOCKER A (STORAGE FOR 10 BIKES)
7. BIKE RACKS (STORAGE FOR 2 BIKES)
8. CONCRETE FEATURE WALL AT ENTRY--FUTURE SIGNAGE/SITE ID
9. DRIVEWAY
10. STORMWATER TREATMENT AREA--SEE CIVIL DRAWINGS
11. PLANTING AREA--AREA FOR FUTURE UTILITIES
12. EXISTING OVERHEAD UTILITY LINES
13. VISION TRIANGLES AT DRIVEWAYS
14. TRASH ENCLOSURE

## NOTES

1 FOR STORMWATER TREATMENT FACILITIES REFER TO CIVIL PLANS

2 CLEARANCES FROM UTILITY LINES
- 10' SEWERS
- 5' ELECTRICITY/GAS
- 5' DOMESTIC WATER/RECYCLED WATER (WITH ROOT BARRIER)
- 10' DOMESTIC WATER/RECYCLED WATER (WITHOUT ROOT BARRIER)

3 ROOT BARRIERS PER CITY OF SANTA CLARA WILL BE USED WHEN THE DRIP LINE OF THE CANOPY AT MATURITY COVERS THE SIDEWALK. ROOT BARRIERS SHALL BE 16 FEET LONG OR EXTEND TO THE DRIP LINE OF THE MATURE TREE, WHATEVER IS GREATER, AND BE 1.5 FEET DEPT, AND CENTERED ON TREES. ROOT BARRIERS FOR CURB AND GUTTER PROTECTION SHALL BE 16 FEET LONG OR EXTEND TO DRIP LINE OF THE MATURE TREE, WHICHEVER IS GREATER, AND BE 2 FEET DEEP, AND CENTERED ON TREES.

I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN

DENNIS M TANIGUCHI, CLA 2942

## PLANT LIST

| ABBREV. | BOTANICAL NAME | COMMON NAME | SIZE | MISC. NOTES & REQUIREMENTS | EST. QUANTITY |
|---|---|---|---|---|---|
| **TREES** | | | | | |
| LAG MUS | *Lagerstroemia x 'Muskogee'* | Crape Myrtle (Lavender) | 24" Box | Hi. Br./SL/Match | 3 |
| LAU SAR | *Laurus n. 'Saratoga'* | Hybrid Laurel | 24" Box | S.L./No. Whorl. Br./N. Drp. Br./Match | 1 |
| TRI LAU | *Tristania laurina 'Elegant'* | Tristania | 24" Box | S.L./No. Whorl. Br./N. Drp. Br./Match | 1 |
| **SHRUBS** | | | | | |
| OLE OLL | *Olea europaea 'Little Ollie'* | Dwarf Olive (fruitless) | 5 G.C | F & B | 33 |
| PHO YW | *Phormium tenax 'Yellow Wave'+* | Cream New Zealand Flax | 5 G.C. | 2'-6" o.c. /Match | 19 |
| **PERENNIALS/BULBS/ANNUALS** | | | | | |
| HEM BIT | *Hemerocallis 'Bitsy'** | Evergreen, repeat bloom Daylily | B.R. | Double fan min., plant at 18" o.c. max. | 17 |
| LAV MUN | *Lavandula angustifolia 'Munstead'* | English Lavender | 1 G.C. | | 124 |
| LIM PER | *Limonium perezii* | Sea Lavender | 1 G.C. | spacing varies | 79 |
| **GROUNDCOVERS** | | | | | |
| LAN MON | *Lantana montevidensis* | Trailing Lantana | 1 G.C. | Plant at 2'-6" o.c. | 4149 SF |
| VIN MIN | *Vinca minor* | Dwarf Periwinkle | 1 G.C. | Plant at 2'-6" o.c. | 171 SF |
| **SEDGE (STORMWATER AREAS)** | | | | | |
| CAR TUM | *Carex tumicuola* | Berkeley Sedge | 1 G.C. | Plant at 15" o.c. | 987 SF |
| JUN PAT | *Juncus patens* | Common Rush | 1G.C. | Plant at 18" o.c. | 126 |

**NOTES:**

2. * *Hemerocallis* available only from Greenwood Daylilies, 5595 E. 7th #490, Long Beach, CA 90804, (562) 494-8944.

3. + *Phormum t. hybrids* must be accompanied by a written guarantee stating they are the named cultivar and are stable in size, form and color. Submit to owner and landscape architect. Proof of securement and purchase must also be submitted with in two weeks of award of contract.

**PLANT LIST ABBREVIATIONS:**

| | |
|---|---|
| Note: | This list together with the plant list prepared by Taniguchi Landscape Architecture must accompany the contractor's nursery order(s) |
| SL | Single main, straight, dominant, leader |
| Hi. Br. | High branched—lowest limbs held above rootball 5' min. for 15 gallon can 6' min. for 24" box trees |
| No Top | No topping or pruning of upper branches |
| Br. Gr. | Branched to ground |
| F & B | Full dense, bushy, vigorous plants, with young growth closely spaced on branches, no old/woody plants. |
| N.V.S.-30 deg. | Narrow upright vase shape 30 degrees or less spread in branch/trunk structure |
| N.V.S.-45 deg. | Narrow upright vase shape 45 degrees or less spread in branch/trunk structure |
| No. Whorl. Br. | No closely spaced whirled branches. Select even symmetrical branch distribution |
| Match | Matched size, form, caliper, branching and cultivar. Select from one lot, one grower, for guaranteed consistency through life of plants. In general plants within a group or area are to be matched, unless noted otherwise. |
| T.F. | Tree Form |
| S.F. | Shrub Form |
| N.F. | Narrow upright Form |
| B.R. | Bare Root |
| B & B | Balled and Burlap |
| Mult. St. | Multi stemmed |
| Flat | Rooted cuttings from flats at on center distance specified in list. See groundcover/shrub o.c. planting detail for layout. |
| Cal. | Caliper |
| EV. | Evergreen |
| G.C. | Gallon Can |
| N.C.N. | No Common Name |
| Trail F | Select trailing Forms for prostrate growth |
| Veg. Gr. | Vegetative Grown |
| Hed. F. | Hedge Form (clipped) |
| Stem up. | Stem up to expose trunk and lower branch pattern |
| N. Drp. Br. | No long heavy drooping branches |

## EXISTING TREES--REFER TO ARBORIST REPORT

BY ROBERT BOOTY, DATED MAY 20, 2019

Tree Inventory Data

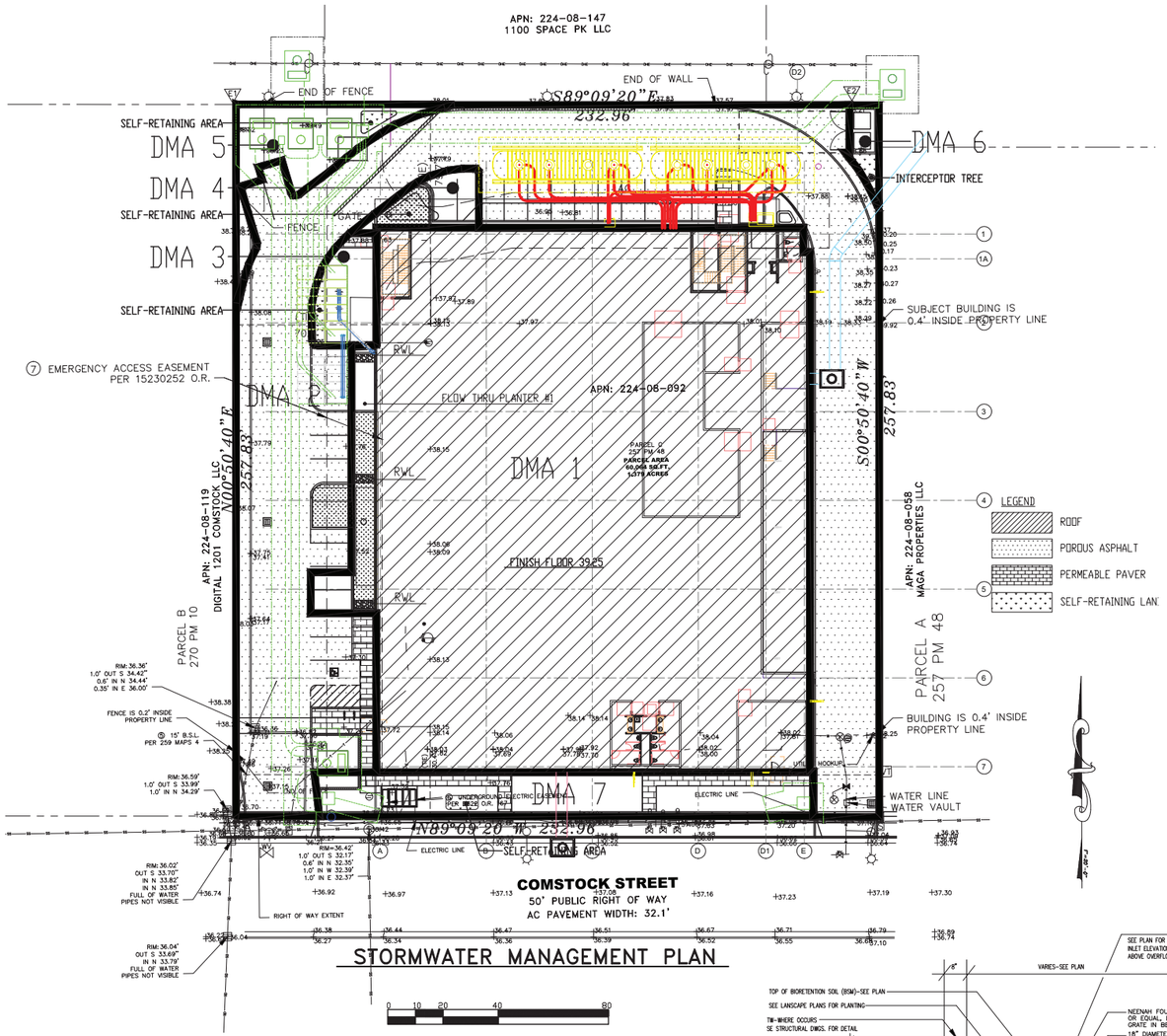
* Indicates multi-Stem trunk

| Tree Tag # | Common Name / Botanical Name | DBH | Height | Crown Radius | % Vigor | % Structural Condition | % Overall Condition | Suitability for Preservation | Age Evaluation | Observations / Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 1259 | Xylosma / *Xylosma congestum* | *15.5 | 17' | 15' | 80% | 65% | 70% Fair | Low | Overly Mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1260 | Xylosma / *Xylosma congestum* | *13" | 12' | 10' | 45% | 50% | 60% Fair | Low | Overly Mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1261 | Unknown | 3" | | | | | 0% Dead | Very Low | | Located in small narrow parking strip. Surrounded by asphalt. Tree is dead. |
| 1262 | Evergreen Ash / *Fraxinus ubdei* | 5" | 15' | 10' | 80% | 80% | 80% Good | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1264 | Glossy Privet / *Ligustrum lucidum* | 2.5" | 8' | 8' | 75% | 70% | 75% Good | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1263 | Evergreen Ash / *Fraxinus ubdei* | * 26" | 30' | 15' | 75% | 75% | 75% Good | Low | mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1266 | Evergreen Ash / *Fraxinus ubdei* | *5.5" | 12' | 8' | 80% | 80% | 80% Good | Low | young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1267 | Evergreen Ash / *Fraxinus ubdei* | *21.5 | 42' | 14' | 80% | 80% | 80% Good | Low | mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1269 | Evergreen Ash / *Fraxinus ubdei* | 7.5" | 27' | 10' | 80% | 80% | 80% Good | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1270 | Evergreen Ash / *Fraxinus ubdei* | 8" | 25' | 6' | 80% | 80% | 80% Good | Low | mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1271 | Evergreen Ash / *Fraxinus ubdei* | 5" | 22' | 6' | 80% | 80% | 80% Good | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1272 | Evergreen Ash / *Fraxinus ubdei* | 3" | 22' | 6' | 80% | 80% | 80% Good | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1273 | Evergreen Ash / *Fraxinus ubdei* | 3" | 12' | 6' | 80% | 80% | 80% Good | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1274 | Evergreen Ash / *Fraxinus ubdei* | 5" | 8' | 2' | 30% | 30% | 35% Poor | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1275 | Evergreen Ash Fraxinus ubdei | 3.5" | 13' | 6' | 80% | 80% | 80% Good | Lowe | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1276 | Evergreen Ash Fraxinus ubdei | 13" | 45' | 20' | 80% | 80% | 80% Good | Low | mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1268 | Evergreen Ash Fraxinus ubdei | *18" | 15' | 10' | 70% | 70% | 70% Fair | Low | mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1277 | Evergreen Ash Fraxinus ubdei | 6" | 20' | 10' | 75% | 75% | 75% Good | Low | Young | Located in small narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |

| Tree Tag # | Common Name / Botanical Name | DBH | Height | Crown Radius | % Vigor | % Structural Condition | % Overall Condition | Suitability for Preservation | Age Evaluation | Observations / Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 1285 | Glossy Privet / *Ligustrum lucidum* | 4" | 15' | 10' | 75% | 35% | 75% Good | Low | mature | Located in small narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1278 | Xylosma / *Xylosma congestum* | 8" | 12' | 6' | 30% | 30% | 30% Poor | Low | Overly Mature | Located in smal narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1279 | Xylosma / *Xylosma congestum* | *19" | 12' | 10' | 30% | 30% | 30% Poor | Low | Overly Mature | Located in smal narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1280 | Evergreen Ash Fraxinus ubdei | 2" | 15' | 4' | 45% | 45% | 45% Poor | Low | Young | Located in smal narrow parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1281 | Evergreen Ash Fraxinus ubdei | *23" | 30' | 14' | 70% | 70% | 70% Fair | Low | mature | Located in smal narrow parking strip. Surrounded by asphalt. Tree has out grown its space. |
| 1283 | Evergreen Ash Fraxinus ubdei | 1" | 9' | 4' | 75% | 75% | 75% Good | Low | Young | Located in parking strip. Surrounded by asphalt. Tree will out grow its space. |
| 1282 | Cherry Tree / *Prunus avium* | *15" | 9' | 9' | 0% | 0% | 0% Dead | Low | | Dead |
| 1284 | Cherry Tree / *Prunus avium* | *16" | 10' | 10' | 0% | 0% | 0% Dead | Low | | Dead |
| 1286 | Canary Island Pine / *Pinus canariensis* | 27" | 84' | 28' | 80% | 75% | 75% Good | Moderate | mature | Tree has a slight lean towards the parking lot. 13 feet away from building. |
| 1288 | Crape Myrtle / *Lagerstroemia indica* | 6" | 19' | 8' | 80% | 80% | 80% Good | Moderate | Mature | 13 feet away from building. |
| 1289 | Crape Myrtle / *Lagerstroemia indica* | 6" | 18' | 8' | 80% | 80% | 80% Good | Moderate | mature | 13 feet away from building. |
| 1290 | Incense Cedar / *Calocedrus decurrens* | 10" | 23' | 6' | 70% | 50% | 60% Fair | Moderate | Semi-mature | 29 feet away from building. Slight lean towards street. |
| 1291 | Incense Cedar / *Calocedrus decurrens* | 8" | 23' | 6' | 70% | 50% | 60% Fair | Moderate | Semi-mature | 29 feet away from building. Slight lean towards street. |
| 1292 | Tulip Poplar / *Liriodendron tulipifera* | 17" | 47' | 20' | 75% | 50% | 50% Fair | Moderate | mature | Improperly pruned. Lower branches removed, canopy too high. Leaving the tree top-heavy, prone to failure. 14 feet away from building. |
| 1293 | Eucalyptus / Eucalyptus species | 31" | 39' | 25' | 70% | 75% | 70% Good | Moderate | mature | 29 feet away from building. |
| 1294 | Canary Island Pine / *Pinus canariensis* | 16" | 45' | 15' | 75% | 70% | 75% Good | Moderate | mature | 9 feet away from building. |
| 1295 | Peach tree | 5" | 8' | 9' | 75% | 70% | 75% Good | Moderate | mature | 9 feet away from building. |

LANDSCAPE PLAN

FIGURE 3.1-4




## STORMWATER MANAGEMENT PLAN

SCALE : 1" = 20'-0"

TABLE 1-IMPERVIOUS AREA

| AREA ID | SURFACE | PERVIOUS AREA | IMPERVIOUS AREA | SIZE(SF) | BMP TO BE USED | SIZING FACTOR | SURFACE AREA AS DESIGNED |
|---|---|---|---|---|---|---|---|
| DMA 1 | ROOF LANDSCAPE | 937 | 30,912 | 31,849 | FLOW THRU PLANTER | COMBINATION FLOW AND VOLUME | 930 SF REQUIRED 937 SF PROVIDED |
| DMA 2 | POROUS PAVING SVP-GEAR | 21,685 | 180 | 21,865 | ✳✳✳ SELF-TREATING PAVING | N/A | N/A |
| DMA 3 | PERMEABLE PAVERS CONCRETE LANDSCAPE | 598 | 233 | 831 | ✳ SELF-RETAINING LANDSCAPE | 50% OF IMPERVIOUS AREA | 114 SF OF SELF-RETAINING LANDSCAPE |
| DMA 4 | PERMEABLE PAVERS CONCRETE LANDSCAPE | 510 | 136 | 646 | ✳ SELF-RETAINING LANDSCAPE | 50% OF IMPERVIOUS AREA | 112 SF OF SELF-RETAINING LANDSCAPE |
| DMA 5 | SVP-GEAR CONCRETE LANDSCAPE | 1,443 | 90 | 1,533 | ✳✳ SELF-RETAINING LANDSCAPE | 50% OF IMPERVIOUS AREA | 63 SF OF SELF-RETAINING LANDSCAPE |
| DMA 6 | TRASH ENCLOSURE LANDSCAPE | 144 | 152 | 296 | INTERCEPTOR TREE | 200 SF FOR EVERGREEN TREE | 200 SF FOR INTERCEPTOR TREE |
| DMA 7 | SVP-GEAR LANDSCAPE PERMEABLE PAVERS | 2,766 | 116 | 2,882 | ✳✳ SELF-RETAINING LANDSCAPING & PERMEABLE PAVERS | 50% OF IMPERVIOUS AREA | 588 SF OF SELF-RETAINING LANDSCAPE |
| | | | | | | | |
| | | | | | | | |

✳RATIO OF IMPERVIOUS AREA TO ADJACENT PERMEABLE SURFACE IS LESS THAN 2:1.
✳✳AREA IS DEPRESSED 3" TO RETAIN STORMWATER.
✳✳✳IMPERVIOUS AREA DRAINS TO SELF-TREATING AREA - DOES NOT MEET C.3 REQUIREMENTS.

PERVIOUS AND IMPERVIOUS SURFACES COMPARISON

| | EXISTING CONDITION (SQFT) | % | PROPOSED CONDITION (SQFT) | % | DIFFERENCE (SQFT) | % |
|---|---|---|---|---|---|---|
| SITE (ACRES): 1.378 ACRES | 60,064 S.F. | 100 | 60,064 S.F. | 100 | 0 S.F. | – |
| BLDG. FOOTPRINT(S) | 23,807 S.F. | 39.64 | 30,912 S.F. | 51.46 | 7,105 S.F. | 11.82 |
| PARKING SIDEWALKS, PATIOS, PATHS, EQUIP. YARD | 29,773 S.F. | 49.57 | 815 S.F. | 1.36 | −28,958 S.F. | −48.21 |
| LANDSCAPING | 6,484 S.F. | 10.79 | 5,882 S.F. | 9.79 | −602 S.F. | − 1.00 |
| PERMEABLE PAVING | – | – | 22,455 S.F. | 37.39 | 22,455 S.F. | 37.39 |
| TOTAL | 60,064 S.F. | 100 | 60,064 S.F. | 100 | 0 S.F. | 0 |
| IMPERVIOUS SURFACES | 53,580 S.F. | 89.21 | 31,727 S.F. | 52.82 | −21,853 SF | −36.39 |
| PERVIOUS SURFACES | 6,484 S.F. | 10.79 | 28,337 S.F. | 47.18 | 21,853 SF | 36.39 |
| TOTAL | 60,064 S.F. | 100 | 60,064 S.F. | 100 | 0 | 0 |

STORMWATER CONTROL MEASURES USED

SITE DESIGN MEASURES
1. DISCONNECT DOWNSPOUTS
2. SELF-TREATING PERMEABLE PAVING
3. SELF-RETAINING LANDSCAPE

SOURCE CONTROL MEASURE
1. BENEFICIAL LANDSCAPING (MINIMIZES IRRIGATION, RUNOFF, PESTICIDES & FERTILIZERS; PROMOTES TREATMENT)
2. MAINTENANCE (STREET SWEEPING, CATCH BASIN CLEANING)
3. COVERED DUMPSTER AREA, DRAIN TO SANITARY SEWER
4. STORM DRAIN LABELING

TREATMENT SYSTEMS
1. FLOW THRU PLANTER

### GROUNDWATER

BASED ON THE APRIL 25, 2019 GEOTECHNICAL REPORT BY KLEINFELDER FOR THE 1111 COMSTOCK STREET PROJECT, THE DEPTH TO STATIC GROUNDWATER IS ESTIMATED TO BE 7 TO 8 1/2 FEET BELOW GROUND SURFACE.

### FLOOD ZONE:

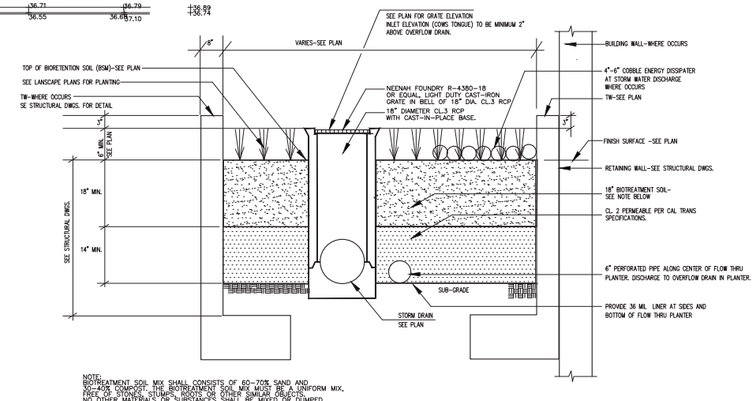
THE ON-SITE NEAR-SURFACE SOILS ARE CLAYEY SOILS CONSIDERED TO HAVE HIGH EXPANSION POTENTIAL. THESE SURFICIAL SOILS TEND TO SHRINK AND SWELL AS A RESULT OF SEASONAL OR HUMAN-INDUCED SOIL MOISTURE CONTENT CHANGES.
THE SUBJECT PROPERTY RESIDES IN THE FOLLOWING FLOOD ZONE(S) SHADED X AS DETERMINED BY OR SHOWN BY FIRM COMMUNITY PANEL NO. 06085C0064H DATED 05/18/2009 AND IS NOT IN A FLOOD ZONE AREA.

### SOIL TYPES

BASED ON THE APRIL 25, 2019 GEOTECHNICAL REPORT BY KLEINFELDER FOR THE 1111 COMSTOCK STREET PROJECT, BELOW THE HIGH PLASTICITY CLAY WAS A STIFF CLAY TO A DEPTH OF APPROXIMATELY 7 1/2 FEET BELOW GROUND SURFACE UNDERLAIN BY A STIFF CLAY MATERIAL TO A DEPTH OF APPROXIMATELY 18 1/2 FEET BELOW GROUND SURFACE. THIS WAS FOLLOWED BY A MEDIUM DENSE TO DENSE POORLY GRADED SAND TO A DEPTH OF APPROXIMATELY 26 FEET, UNDERLAIN BY A DENSE POORLY GRADED SAND TO A DEPTH OF APPROXIMATELY 29 BELOW GROUND SURFACE.

### GENERAL NOTE

1. STENCIL ALL CATCH BASINS "NO DUMPING! FLOWS TO BAY" STORM WATER STENCILING. CONTACT CITY OF SANTA CLARA FOR STENCILS.




NOTE:
BIOTREATMENT SOIL MIX SHALL CONSISTS OF 60-70% SAND AND 30-40% COMPOST. THE BIOTREATMENT SOIL MIX MUST BE A UNIFORM MIX, FREE OF STONES, STUMPS, ROOTS OR OTHER SIMILAR OBJECTS. NO OTHER MATERIALS OR SUBSTANCES SHALL BE MIXED OR DUMPED WITHIN THE BIORETENTION AREA THAT MAY BE HARMFUL TO THE PLANT GROWTH OR PROVE MEDIA HINDRANCE TO THE PLANTING OR MAINTENANCE OPERATIONS. THE BIOTREATMENT SOIL MIX SHALL PASS 5 INCHES PER HOUR MINIMUM AND TO INCHES PER HOUR MAXIMUM SUSTAINED. BIOTREATMENT SOIL MIX SHALL MEET THE SPECIFICATIONS OF APPENDIX C OF THE C.3 STORMWATER CONTROL HANDBOOK. BIOTREATMENT SOIL MIX SHALL BE SUBMITTED TO AND APPROVED BY THE CITY.

FLOW THROUGH PLANTER @ GRADE

IMPERVIOUS DATA

| | | |
|---|---|---|
| SITE AREA | 60,064 SF | |
| PRE-CONSTRUCTION | | |
| LANDSCAPE | | 6,484 SF |
| BUILDING | 23,807 SF | |
| PAVING/HARDSCAPE | 29,773 SF | |
| TOTAL IMPERVIOUS AREA | 53,580 SF | |
| POST-CONSTRUCTION | | |
| LANDSCAPE | | 5,882 SF |
| PERMEABLE PAVING | | 22,455 SF |
| BUILDING | 30,912 SF | |
| PAVING/HARDSCAPE | 815 SF | |
| TOTAL IMPERVIOUS AREA | 31,727 SF | |
| NET DECREASE IN IMPERVIOUS AREA | 21,853 SF | |
| AREA OF DISTURBANCE | 60,064 SF | |
| IMPERVIOUS AREA CREATED OR REPLACED | 31,727 SF | |

### RECEIVING BODY OF WATER:

CITY OF SANTA CLARA STORM DRAIN TO SAN FRANCISCO BAY

### PAVING MATERIALS:

POROUS ASPHALTIC CONCRETE
PERMEABLE PAVERS

# SECTION 4.0 ENVIRONMENTAL SETTING, CHECKLIST, AND IMPACT DISCUSSION

This section presents the discussion of impacts related to the following environmental subjects in their respective subsections:

| | | | |
|---|---|---|---|
| 4.1 | Aesthetics | 4.12 | Mineral Resources |
| 4.2 | Agriculture and Forestry Resources | 4.13 | Noise |
| 4.3 | Air Quality | 4.14 | Population and Housing |
| 4.4 | Biological Resources | 4.15 | Public Services |
| 4.5 | Cultural Resources | 4.16 | Recreation |
| 4.6 | Energy | 4.17 | Transportation |
| 4.7 | Geology and Soils | 4.18 | Tribal Cultural Resources |
| 4.8 | Greenhouse Gas Emissions | 4.19 | Utilities and Service Systems |
| 4.9 | Hazards and Hazardous Materials | 4.20 | Wildfire |
| 4.10 | Hydrology and Water Quality | 4.21 | Mandatory Findings of Significance |
| 4.11 | Land Use and Planning | | |

The discussion for each environmental subject includes the following subsections:

- **Environmental Setting** – This subsection 1) provides a brief overview of relevant plans, policies, and regulations that compose the regulatory framework for the project and 2) describes the existing, physical environmental conditions at the project site and in the surrounding area, as relevant.
- **Impact Discussion** – This subsection 1) includes the recommended checklist questions from Appendix G of the CEQA Guidelines to assess impacts and 2) discusses the project's impact on the environmental subject as related to the checklist questions. For significant impacts, feasible mitigation measures are identified. "Mitigation measures" are measures that will minimize, avoid, or eliminate a significant impact (CEQA Guidelines Section 15370). Each impact is numbered to correspond to the checklist question being answered. For example, Impact BIO-1 answers the first checklist question in the Biological Resources section. Mitigation measures are also numbered to correspond to the impact they address. For example, MM BIO-1.3 refers to the third mitigation measure for the first impact in the Biological Resources section.

## 4.1 AESTHETICS

### 4.1.1 Environmental Setting

#### 4.1.1.1 *Regulatory Framework*

**State**

Streets and Highway Code Sections 260 through 263

The California Scenic Highway Program (Streets and Highway Code, Sections 260 through 263) is managed by the California Department of Transportation (Caltrans). The program is intended to protect and enhance the natural scenic beauty of California highways and adjacent corridors through special conservation treatment. There are no state-designated scenic highways in Santa Clara.

Interstate 280 from the San Mateo County line to SR 17 is an Eligible State Scenic Highway, yet not officially designated.

**Local**

Santa Clara General Plan

General Plan policies applicable to aesthetics include, but are not limited to, the following listed below.

| Policies | Description |
|---|---|
| General Land Use | |
| 5.3.1-P3 | Support high quality design consistent with adopted design guidelines and the City's architectural review process. |
| 5.3.1-P10 | Provide opportunities for increased landscaping and trees in the community, including requirements for new development to provide street trees and a minimum 2:1 on- or off-site replacement for trees removed as part of the proposal to help increase the urban forest and minimize the heat island effect. |
| 5.3.1-P28 | Encourage undergrounding of new utility lines and utility equipment throughout the City. |

City Code

The City Code includes regulations associated with protection of the City's visual character. The Code includes regulations for the maintenance of property or premises, to promote a sound and attractive community appearance that is in character with the City. The City Code also includes an Architectural Review process, as outlined in Zoning Ordinance Chapter 18.76. The Architectural Review process is intended to serve the following purposes:

- Encourage the orderly and harmonious appearance of structures and properties;
- Maintain the public health, safety, and welfare;
- Maintain property and improvement values throughout the City;

- Encourage the physical development of the City that is consistent with the General Plan and other City regulations; and
- Enhance the aesthetic appearance, functional relationships, neighborhood compatibility and excellent design quality.

No building permit shall be issued, and no structure, building, or sign shall be constructed or undergo exterior alternations until such plans and drawings have been approved by the City's architectural review process.

Architectural Review Process – Community Design Guidelines

The City's architectural review process requires that the Director of Community Development or a designee review plans and drawings submitted for design, aesthetic considerations, and consistency with zoning standards, generally prior to submittal for building permits. The review takes place at a publicly noticed Development Review Hearing and the hearing officer follows the City's Community Design Guidelines. The intent of these guidelines for architectural review is to provide a manual of consistent development standards in the interest of continued maintenance and enhancement of the high-quality living and working environment in the City.

#### 4.1.1.2 *Existing Conditions*

**Project Site**

The project site is currently developed with a one-story, 23,765 sf industrial building and a paved parking lot. The building facades are primarily stucco and cement. The main entrance to the building is located on the southern side of the structure facing Comstock Street and is composed of large, reflective windows, stucco, and cement. The roof is flat, with a screening wall adding approximately two additional feet in elevation. Trees and ornamental landscaping are located along the southern and western property boundaries.

The site is within a fully developed area in Santa Clara. The topography is flat and views of the eastern and western foothills from public view points are partially blocked by existing industrial and commercial structures in the area.

**Surrounding Area**

The project site is located north of Comstock Street, east of Kenneth Street, south of Bayshore Freeway, and west of Lafayette Street. The project consists primarily of light industrial and R&D uses. Buildings in the area are similar in height and scale to both the existing building and the proposed building. The Norman Y Mineta San Jose International Airport is located approximately 0.6 miles southeast of the site. Aircraft, along with truck and other vehicle traffic, are readily apparent in the area. Views of the project site can be seen in Photos 4.1-1 – 4.1-7.

There are no scenic resources on site, and the site is not visible from a scenic highway.

**Photo 4.1-1** View of building front on Comstock Street, facing north.

**Photo 4.1-2** View of current driveway on Comstock Street, facing north.

PHOTOS 4.1-1 & 4.1-2

**Photo 4.1-3** View of Comstock Street, facing east.

**Photo 4.1-4** View of Comstock Street, facing west.

PHOTOS 4.1-3 & 4.1-4

**Photo 4.1-5** View of neighboring industrial land use, east of project site.

**Photo 4.1-6** View of neighboring industrial land use, south of project site.

PHOTOS 4.1-5 & 4.1-6

**Photo 4.1-7** View of neighboring industrial land use, west of project site.

### 4.1.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Except as provided in Public Resources Code Section 21099, would the project: | | | | |
| 1) Have a substantial adverse effect on a scenic vista? | ☐ | ☐ | ☐ | ☒ |
| 2) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? | ☐ | ☐ | ☐ | ☒ |
| 3) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? [2] If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality? | ☐ | ☐ | ☒ | ☐ |
| 4) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area? | ☐ | ☐ | ☒ | ☐ |

**Impact AES-1:** The project would not have a substantial adverse effect on a scenic vista. **(No Impact)**

According to the EIR for the 2010-2035 General Plan, there are no scenic vistas within the City. There would be no impact to scenic vistas. **(No Impact)**

**Impact AES-2:** The project would not substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway. **(No Impact)**

The City of Santa Clara 2010-2035 General Plan EIR lists the Santa Cruz Mountains, Diablo range, San Tomas Aquino Creek, and the Guadalupe River as "visual resources" within the City. The topography of the project area is relatively flat and prominent viewpoints of the mountains are limited, as buildings, trees, and infrastructure (e.g., utility lines, elevated roadways, etc) obscure viewpoints. Views of the mountains are only available when roadways provide a break in the built environment or are elevated. The foothills to the east and west are partially visible through the Comstock Street throughway. The proposed project would not obstruct this view.

As discussed in Section 4.1.1.2, the project site is not near a state scenic highway. Impacts to trees and historic buildings outside a state scenic highway are discussed in Section 4.4 *Biological*

[2] Public views are those that are experienced from publicly accessible vantage points.

*Resources* and 4.5 *Cultural Resources*, respectively. The project would not damage resources within a designated state scenic highway. **(No Impact)**

| | |
|---|---|
| **Impact AES-3:** | The project would not substantially degrade the existing visual character or quality of public views of the site and its surroundings. The project would not conflict with applicable zoning and other regulations governing scenic quality. **(Less than Significant Impact)** |

The current character of the project area is built-up with single- and multi-story industrial buildings and has few landscaped areas. As described in Section 4.1.1.2 *Existing Conditions*, the project site is an existing industrial building. There would be a change from a one-story building to a larger, four-story structure. Though larger in mass and scale than the existing building, the proposed data center facility would be similar in scale to nearby development. The exterior of the building and the proposed screening fences would be subject to the City's design review process and would conform to current architectural and landscaping standards. The project, therefore, would not degrade the existing visual character or quality of the site and its surroundings. **(Less Than Significant Impact)**

| | |
|---|---|
| **Impact AES-4:** | The project would not create a new source of substantial light or glare which would adversely affect day or nighttime views in the area. **(Less than Significant Impact)** |

The project would install wall mounted sconce lights on all sides of the building's exterior to provide lighting. The outside lighting would comply with the City's lighting requirements (City Code Section 18.48.140), as well as requirements in the California Energy Code and in compliance with CALGreen Code (CGC) 5.106.8. Outside lighting would be comparable in brightness to the ambient lighting in the surrounding area. Additionally, outdoor lighting would be angled downward and would include light visors and light hoods. The exterior surfaces of the building would consist primarily of precast concrete and structural steel and would not be a significant source of glare during daytime hours.

Building materials and lighting plans would be subject to the City's architectural review process prior to issuance of building permits to ensure that the project would not create a substantial new source of light or glare. The project, therefore, would not create a new source of substantial light or glare, nor would it adversely affect day or nighttime views in the area. **(Less Than Significant Impact)**

## 4.2 AGRICULTURE AND FORESTRY RESOURCES

### 4.2.1 Environmental Setting

#### 4.2.1.1 *Regulatory Framework*

**State**

Farmland Mapping and Monitoring Program

The California Department of Conservation's Farmland Mapping and Monitoring Program (FMMP) assesses the location, quality, and quantity of agricultural land and conversion of these lands over time. Agricultural land is rated according to soil quality and irrigation status. The best quality land is called Prime Farmland. In CEQA analyses, the FMMP classifications and published county maps are used, in part, to identify whether agricultural resources that could be affected are present on-site or in the project area.[3]

California Land Conservation Act

The California Land Conservation Act (Williamson Act) enables local governments to enter into contracts with private landowners to restrict parcels of land to agricultural or related open space uses. In return, landowners receive lower property tax assessments. In CEQA analyses, identification of properties that are under a Williamson Act contract is used to also identify sites that may contain agricultural resources or are zoned for agricultural uses.[4]

Fire and Resource Assessment Program

The California Department of Forestry and Fire Protection (CAL FIRE) identifies forest land, timberland, and lands zoned for timberland production that can (or do) support forestry resources.[5] Programs such as CAL FIRE's Fire and Resource Assessment Program and are used to identify whether forest land, timberland, or timberland production areas that could be affected are located on or adjacent to a project site.[6]

#### 4.2.1.2 *Existing Conditions*

The project site is not designated as farmland or the subject of a Williamson Act contract.[7] According to the Santa Clara County Important Farmlands 2016 Map, the project site is designated

[3] California Department of Conservation. "Farmland Mapping and Monitoring Program." Accessed April 26, 2019. http://www.conservation.ca.gov/dlrp/fmmp/Pages/Index.aspx.
[4] California Department of Conservation. "Williamson Act." http://www.conservation.ca.gov/dlrp/lca.
[5] Forest Land is land that can support 10 percent native tree cover and allows for management of forest resources (California Public Resources Code Section 12220(g)); Timberland is land not owned by the federal government or designated as experimental forest land that is available for, and capable of, growing trees to produce lumber and other products, including Christmas trees (California Public Resources Code Section 4526); and Timberland Production is land used for growing and harvesting timber and compatible uses (Government Code Section 51104(g)).
[6] California Department of Forestry and Fire Protection. "Fire and Resource Assessment Program." Accessed October 21, 2019. http://frap.fire.ca.gov/.
[7] Agricultural lands in California can be protected from development and reserved for agricultural purposes or open-space conservation under the California Land Conservation Act, commonly known as the Williamson Act.

as *Urban and Built-Up Land*.[8] *Urban and Built-Up Land* is defined as land with at least six structures per 10 acres and utilized for residential, institutional, industrial, commercial, landfill, golf course, and other urban-related purposes.

The project site and surrounding properties are designated for and developed (or planned to be developed) with urban uses. The project site is currently developed with an industrial building. There are no agricultural or forest lands in the vicinity of the project site.

#### 4.2.1.3 *Impact Discussion*

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 1) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use? | ☐ | ☐ | ☐ | ☒ |
| 2) Conflict with existing zoning for agricultural use, or a Williamson Act contract? | ☐ | ☐ | ☐ | ☒ |
| 3) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))? | ☐ | ☐ | ☐ | ☒ |
| 4) Result in a loss of forest land or conversion of forest land to non-forest use? | ☐ | ☐ | ☐ | ☒ |
| 5) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use? | ☐ | ☐ | ☐ | ☒ |

[8] California Department of Conservation. *Santa Clara County Important Farmland 2016 Map*. September 2018.

| | |
|---|---|
| **Impact AG-1:** | The project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance, as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use. **(No Impact)** |

As discussed in Section 4.2.1.2 *Existing Conditions*, the project site is not designated as farmland pursuant to the Farmland Mapping and Monitoring Program. The project site and surrounding properties are designated for and developed with urban uses. For these reasons, the project would not convert designated farmland to non-agricultural use. **(No Impact)**

| | |
|---|---|
| **Impact AG-2:** | The project would not conflict with existing zoning for agricultural use, or a Williamson Act contract. **(No Impact)** |

The project site is not zoned for agricultural use, nor is it subject of a Williamson Act contract. The project, therefore, would not conflict with zoning for agricultural use or a Williamson Act contract. **(No Impact)**

| | |
|---|---|
| **Impact AG-3:** | The project would not conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production. **(No Impact)** |

The project site and surrounding properties are not zoned for forest land or timberland. For this reason, the project would not conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production. **(No Impact)**

| | |
|---|---|
| **Impact AG-4:** | The project would not result in a loss of forest land or conversion of forest land to non-forest use. **(No Impact)** |

The project site and surrounding properties are developed with urban uses, not forest land. For this reason, the development of the project would not result in the loss of forest land or conversion of forest land to non-forest use. **(No Impact)**

| | |
|---|---|
| **Impact AG-5:** | The project would not involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use. **(No Impact)** |

The project site is not designated agricultural or forest land, and is located within a developed urban area with no agricultural or forestry land nearby. As a result, the development of the project would not result in the conversion of farmland to non-agricultural use or forest land to non-forest uses. **(No Impact)**

## 4.3 AIR QUALITY

The following analysis is based, in part, on an Air Quality and Greenhouse Gas Emissions Assessment prepared by *Illingworth & Rodkin, Inc*. in May 2020. A copy of this report is included in Appendix A of this IS.

### 4.3.1 Environmental Setting

#### 4.3.1.1 *Background Information*

**Criteria Pollutants**

Air quality in the Bay Area is assessed related to six common air pollutants (referred to as criteria pollutants), including ground-level ozone ($O_3$), nitrogen oxides ($NO_x$), particulate matter (PM), carbon monoxide (CO), sulfur oxides ($SO_x$), and lead.[9] Criteria pollutants are regulated because they result in health effects. An overview of the sources of criteria pollutants and their associated health are summarized in Table 4.3-1. The most commonly regulated criteria pollutants in the Bay Area are discussed further below.

**Table 4.3-1: Health Effects of Air Pollutants**

| Pollutants | Sources | Primary Effects |
|---|---|---|
| $O_3$ | Atmospheric reaction of organic gases with nitrogen oxides in sunlight | • Aggravation of respiratory and cardiovascular diseases<br>• Irritation of eyes<br>• Cardiopulmonary function impairment |
| Nitrogen Dioxide ($NO_2$) | Motor vehicle exhaust, high temperature stationary combustion, atmospheric reactions | • Aggravation of respiratory illness<br>• Reduced visibility |
| Fine Particulate Matter ($PM_{2.5}$) and Coarse Particulate Matter ($PM_{10}$) | Stationary combustion of solid fuels, construction activities, industrial processes, atmospheric chemical reactions | • Reduced lung function, especially in children<br>• Aggravation of respiratory and cardiorespiratory diseases<br>• Increased cough and chest discomfort<br>• Reduced visibility |
| Toxic Air Contaminants (TACs) | Cars and trucks, especially diesel-fueled; industrial sources, such as chrome platers; dry cleaners and service stations; building materials and products | • Cancer<br>• Chronic eye, lung, or skin irritation<br>• Neurological and reproductive disorders |

High $O_3$ levels are caused by the cumulative emissions of reactive organic gases (ROG) and $NO_x$. These precursor pollutants react under certain meteorological conditions to form high $O_3$ levels. Controlling the emissions of these precursor pollutants is the focus of the Bay Area's attempts to

[9] The area has attained both state and federal ambient air quality standards for CO. The project does not include substantial new emissions of sulfur dioxide or lead. These criteria pollutants are not discussed further.

reduce $O_3$ levels. The highest $O_3$ levels in the Bay Area occur in the eastern and southern inland valleys that are downwind of air pollutant sources.

PM is a problematic air pollutant of the Bay Area. PM is assessed and measured in terms of respirable particulate matter or particles that have a diameter of 10 micrometers or less ($PM_{10}$) and fine particulate matter where particles have a diameter of 2.5 micrometers or less ($PM_{2.5}$). Elevated concentrations of $PM_{10}$ and $PM_{2.5}$ are the result of both region-wide emissions and localized emissions.

**Toxic Air Contaminants**

TACs are a broad class of compounds known to have health effects. They include but are not limited to criteria pollutants. TACs are found in ambient air, especially in urban areas, and are caused by industry, agriculture, diesel fuel combustion, and commercial operations (e.g., dry cleaners). TACs are typically found in low concentrations, even near their source (e.g., diesel particulate matter [DPM] near a freeway).

Diesel exhaust is the predominant TAC in urban air and is estimated to represent about three-quarters of the cancer risk from TACs. Diesel exhaust is a complex mixture of gases, vapors, and fine particles. Medium- and heavy-duty diesel trucks represent the bulk of DPM emissions from California highways. The majority of DPM is small enough to be inhaled into the lungs. Most inhaled particles are subsequently exhaled, but some deposit on the lung surface or are deposited in the deepest regions of the lungs (most susceptible to injury).[10] Chemicals in diesel exhaust, such as benzene and formaldehyde, have been previously identified as TACs by the California Air Resources Board (CARB).

**Sensitive Receptors**

Some groups of people are more affected by air pollution than others. CARB has identified the following persons who are most likely to be affected by air pollution: children under 16, the elderly over 65, athletes, and people with cardiovascular and chronic respiratory diseases. These groups are classified as sensitive receptors. Locations that may contain a high concentration of these sensitive population groups include residential areas, hospitals, daycare facilities, elder care facilities, and elementary schools.

#### 4.3.1.2 *Regulatory Framework*

**Federal and State**

Clean Air Act

At the federal level, the United States Environmental Protection Agency (EPA) is responsible for overseeing implementation of the Clean Air Act and its subsequent amendments. The federal Clean Air Act requires the EPA to set national ambient air quality standards for the six common criteria pollutants (discussed previously), including PM, $O_3$, CO, $SO_x$, $NO_x$, and lead.

[10] California Air Resources Board. "Overview: Diesel Exhaust and Health." Accessed June 16, 2018. https://www.arb.ca.gov/research/diesel/diesel-health.htm.

CARB is the state agency that regulates mobile sources throughout the state and oversees implementation of the state air quality laws and regulations, including the California Clean Air Act. The EPA and the CARB have adopted ambient air quality standards establishing permissible levels of these pollutants to protect public health and the climate. Violations of ambient air quality standards are based on air pollutant monitoring data and are determined for each air pollutant. Attainment status for a pollutant means that a given air district meets the standard set by the EPA and/or CARB.

Risk Reduction Plan

To address the issue of diesel emissions in the state, CARB developed the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles. In addition to requiring more stringent emission standards for new on-road and off-road mobile sources and stationary diesel-fueled engines to reduce particulate matter emissions by 90 percent, the plan involves application of emission control strategies to existing diesel vehicles and equipment to reduce DPM (in additional to other pollutants). Implementation of this plan, in conjunction with stringent federal and CARB-adopted emission limits for diesel fueled vehicles and equipment (including off-road equipment), will significantly reduce emissions of DPM and $NO_X$.

**Regional**

2017 Clean Air Plan

The Bay Area Air Quality Management District (BAAQMD) is the agency primarily responsible for assuring that the federal and state ambient air quality standards are maintained in the San Francisco Bay Area. Regional air quality management districts, such as BAAQMD, must prepare air quality plans specifying how state and federal air quality standards will be met. BAAQMD's most recently adopted plan is the Bay Area 2017 Clean Air Plan (2017 CAP). The 2017 CAP focuses on two related BAAQMD goals: protecting public health and protecting the climate. To protect public health, the 2017 CAP describes how BAAQMD will continue its progress toward attaining state and federal air quality standards and eliminating health risk disparities from exposure to air pollution among Bay Area communities. To protect the climate, the 2017 CAP includes control measures designed to reduce emissions of methane and other super-greenhouse gases (GHGs) that are potent climate pollutants in the near-term, and to decrease emissions of carbon dioxide by reducing fossil fuel combustion.[11]

CEQA Air Quality Guidelines

The BAAQMD CEQA Air Quality Guidelines are intended to serve as a guide for those who prepare or evaluate air quality impact analyses for projects and plans in the San Francisco Bay Area. Jurisdictions in the San Francisco Bay Area Air Basin utilize the thresholds and methodology for assessing air quality impacts developed by BAAQMD within their CEQA Air Quality Guidelines. The guidelines include information on legal requirements, BAAQMD rules, methods of analyzing impacts, and recommended mitigation measures.

[11] BAAQMD. *Final 2017 Clean Air Plan.* April 19, 2017. http://www.baaqmd.gov/plans-and-climate/air-quality-plans/current-plans.

Community Air Risk Evaluation Program

Under the Community Air Risk Evaluation (CARE) program, BAAQMD has identified areas with high TAC emissions, and sensitive populations that could be affected by them, and uses this information to establish policies and programs to reduce TAC emissions and exposures. Impacted communities identified to date are located in Concord, Richmond/San Pablo, San José, eastern San Francisco, western Alameda County, Vallejo, San Rafael, and Pittsburg/Antioch. The main objectives of the program are to:

- Evaluate health risks associated with exposure to TACs from stationary and mobile sources;
- Assess potential exposures to sensitive receptors and identify impacted communities;
- Prioritize TAC reduction measures for significant sources in impacted communities; and
- Develop and implement mitigation measures to improve air quality in impacted communities.

**Local**

Santa Clara General Plan

General Plan policies applicable to air quality include, but are not limited to, the following listed below.

| Policies | Description |
|---|---|
| Stationary Source Control Measures | |
| 5.10.2-P1 | Support alternative transportation modes and efficient parking mechanisms to improve air quality. |
| 5.10.2-P2 | Encourage development patterns that reduce vehicle miles traveled and air pollution. |
| 5.10.2-P3 | Encourage implementation of technological advances that minimize public health hazards and reduce the generation of air pollutants. |
| 5.10.2-P4 | Encourage measures to reduce greenhouse gas emissions to reach 30 percent below 1990 levels by 2020. |
| 5.10.2-P5 | Promote regional air pollution preventing plans for local industry and businesses. |
| 5.10.2-P6 | Require “Best Management Practices” for construction dust abatement. |
| Transportation Demand Management | |
| 5.8.5-P1 | Require new development and City employees to implement transportation demand management programs that can include site-design measures, including preferred carpool and vanpool parking, enhanced pedestrian access, bicycle storage and recreational facilities. |

### 4.3.1.3 *Existing Conditions*

The Bay Area is considered a non-attainment area for ground-level $O_3$ and $PM_{2.5}$ under both the federal Clean Air Act and state Clean Air Act. The area is also considered nonattainment for $PM_{10}$ under the state act, but not the federal act. The area has attained both state and federal ambient air quality standards for CO. As part of an effort to attain and maintain ambient air quality standards for $O_3$ and $PM_{10}$, BAAQMD has established thresholds of significance for these air pollutants and their

precursors. These thresholds are for $O_3$ precursor pollutants (ROG and $NO_X$), $PM_{10}$, and $PM_{2.5}$, and apply to both construction period and operational period impacts.

### Climate and Topography

Topography can restrict horizontal dilution and mixing of pollutants by creating a barrier to air movement. The South Bay has significant terrain features that affect air quality. The Santa Cruz Mountains and Diablo Range on either side of the South Bay restrict horizontal dilution, and this alignment of the terrain also channels winds from the north to south, carrying pollution from the northern Peninsula toward Santa Clara.

The combined effects of moderate ventilation, frequent inversions that restrict vertical dilution and terrain that restricts horizontal dilution give Santa Clara a relatively high atmospheric potential for pollution compared to other parts of the San Francisco Bay Air Basin and provide a high potential for transport of pollutants to the east and south.

### Existing Air Pollutant Levels

BAAQMD monitors air pollution at various sites within the Bay Area. The nearest official monitoring station to the City of Santa Clara is located at 158 East Jackson Street in San José, approximately 3.7 miles southeast of the site. Pollutant monitoring results for the years 2016 to 2018 at the San José monitoring station are shown in Table 4.3-2

**Table 4.3-2: Ambient Air Quality Standards Violations and Highest Concentrations**

| Pollutant | Standard | Days Exceeding Standard | | |
|---|---|---|---|---|
| | | 2016 | 2017 | 2018 |
| SAN JOSÉ STATION | | | | |
| Ozone | State 1-hour | 0 | 3 | 0 |
| | Federal 8-hour | 0 | 4 | 0 |
| Carbon Monoxide | Federal 8-hour | 0 | 0 | 0 |
| | State 8-hour | 0 | 0 | 0 |
| Nitrogen Dioxide | State 1-hour | 0 | 0 | 0 |
| $PM_{10}$ | Federal 24-hour | 0 | 0 | 0 |
| | State 24-hour | 0 | 6 | 4 |
| $PM_{2.5}$ | Federal 24-hour | 0 | 6 | 15 |

**Source:** BAAQMD. Air Pollution Summaries (2016-2018). Available at: http://www.baaqmd.gov/about-air-quality/air-quality-summaries.

The Bay Area, as a whole, does not meet state or federal ambient air quality standards for ground level $O_3$ and $PM_{2.5}$, nor does it meet state standards for $PM_{10}$. The Bay Area is considered in attainment or unclassified for all other pollutants.

### Sensitive Receptors

There are no sensitive receptors within 1,000 feet of the project site. The nearest sensitive receptors are the Granada Islamic School, approximately 1,700 feet northwest of the site and residences north of U.S. 101, approximately 3,315 feet north of the site.

### Odors

Common sources of odors and odor complaints include wastewater treatment plants, transfer stations, coffee roasters, painting/coating operations, and landfills. Significant sources of offending odors are typically identified based on complaint histories received and compiled by BAAQMD. Typical large sources of odors that result in complaints are wastewater treatment facilities, landfills including composting operations, food processing facilities, and chemical plants. Other sources, such as restaurants, paint or body shops, and coffee roasters typically result in localized sources of odors.

The project site is in an industrial area and is not surrounded by facilities that produce substantial odors.

## 4.3.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 1) Conflict with or obstruct implementation of the applicable air quality plan? | ☐ | ☐ | ☒ | ☐ |
| 2) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard? | ☐ | ☐ | ☒ | ☐ |
| 3) Expose sensitive receptors to substantial pollutant concentrations? | ☐ | ☐ | ☒ | ☐ |
| 4) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people? | ☐ | ☐ | ☒ | ☐ |

### 4.3.2.1 *Thresholds of Significance*

#### Impacts from the Project

As discussed in CEQA Guidelines Section 15064(b), the determination of whether a project may have a significant effect on the environment calls for judgment on the part of the lead agency and must be based to the extent possible on scientific and factual data. The City of Santa Clara has considered the air quality thresholds updated by BAAQMD in May 2017 and regards these thresholds to be based on the best information available for the San Francisco Bay Area Air Basin and conservative in terms of the assessment of health effects associated with TACs and $PM_{2.5}$. The BAAQMD CEQA Air Quality thresholds used in this analysis are identified in Table 4.3-3 below.

| Table 4.3-3: BAAQMD Air Quality Significance Thresholds | | | |
|---|---|---|---|
| **Pollutant** | **Construction Thresholds** | **Operation Thresholds** | |
| | **Average Daily Emissions (pounds/day)** | **Annual Daily Emissions (pounds/year)** | **Annual Average Emissions (tons/year)** |
| **Criteria Air Pollutants** | | | |
| ROG, $NO_x$ | 54 | 54 | 10 |
| $PM_{10}$ | 82 (exhaust) | 82 | 15 |
| $PM_{2.5}$ | 54 (exhaust) | 54 | 10 |
| CO | Not Applicable | 9.0 ppm (eight-hour) or 20.0 ppm (one-hour) | |
| Fugitive Dust | Dust Control Measures/Best Management Practices | Not Applicable | |
| **Health Risks and Hazards for New Sources (within a 1,000-foot Zone of Influence)** | | | |
| **Health Hazard** | **Single Source** | **Combined Cumulative Sources** | |
| Excess Cancer Risk | 10 per one million | 100 per one million | |
| Hazard Index | 1.0 | 10.0 | |
| Incremental Annual $PM_{2.5}$ | 0.3 $\mu g/m^3$ | 0.8 $\mu g/m^3$ (average) | |

### Health Effects from Criteria Pollutants

In a 2018 decision (*Sierra Club v. County of Fresno,* also referred to as *Friant Ranch*), the Supreme Court of California determined that CEQA requires that the potential for the project's emissions to affect human health in the air basin must be disclosed when a project's criteria air pollutant emissions would exceed applicable thresholds and contribute a considerably to a significant cumulative impact. State and federal ambient air quality standards are health-based standards and exceedances of those standards result in continued unhealthy levels of air pollutants. As stated in the BAAQMD CEQA Air Quality Guidelines, air pollution by its nature is largely a cumulative impact. No single project is sufficient in size to result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. In developing thresholds of significance for air pollutants, BAAQMD considered the emission levels for which a project's individual emissions would be cumulatively considerable. If a project has a less than significant impact for criteria pollutants, it is assumed not to have an adverse health effect.

| | |
|---|---|
| **Impact AIR-1:** | The project would not conflict with or obstruct implementation of the applicable air quality plan. **(Less than Significant Impact)** |

**2017 BAAQMD Clean Air Plan**

The BAAQMD CEQA Air Quality Guidelines set forth criteria for determining consistency with the Clean Air Plan. In general, a project is considered consistent if, a) the plan supports the primary goals of the Clean Air Plan; b) includes relevant control measures; and c) does not interfere with implementation of Clean Air Plan control measures. The project supports the goals of the 2017 BAAQMD CAP of protecting public health and protecting the climate and is consistent with BAAQMD CAP transportation, building, natural and working lands, and water control measures by:

- Implementing standard measures to reduce criteria air pollutant emissions during construction,
- Complying with applicable regulations that would result in energy and water efficiency including Title 24 and California Green Building Standards Code,
- Planting new trees in accordance with the City's tree ordinance to reduce the urban heat island effect, and
- Complying with the City's construction debris diversion ordinance and state waste diversion requirements to reduce the amount of waste in landfills.

Stationary equipment to be installed on the project site will be subject to the permit requirements of BAAQMD, which incorporate BAAQMD measures to reduce emissions from stationary sources such as the diesel-fueled emergency backup generators. Emissions of non-attainment air pollutants from the proposed project are addressed under Impact AIR-2. Additionally, exposure of sensitive receptors to TAC and $PM_{2.5}$ emissions associated with the project is addressed under Impact AIR-3. As noted in those discussions, the project will result in air quality impacts that are less than significant with the incorporation standard measures. The project would not conflict with implementation of the 2017 CAP. **(Less than Significant Impact)**

| | |
|---|---|
| **Impact AIR-2:** | The project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard. **(Less than Significant Impact)** |

The Bay Area is considered a nonattainment area for ground-level ozone and $PM_{2.5}$ under both the federal Clean Air Act and the California Clean Air Act. The area is also considered non-attainment for $PM_{10}$ under the California Clean Air Act, but not the federal Act. The area has attained both State and federal ambient air quality standards for carbon monoxide. As part of an effort to attain and maintain ambient air quality standards for ozone, $PM_{10}$ and $PM_{2.5}$, BAAQMD has established thresholds of significance for air pollutants. These thresholds are for ozone precursor pollutants (ROG and NOx), $PM_{10}$ and $PM_{2.5}$ and apply to both construction period and operational period impacts.

Both construction and operational emissions were computed using the California Emissions Estimator Model, Version 2016.3.2 (CalEEMod). In addition, emissions from routine testing and maintenance of the standby emergency generators were computed using emissions data published by the emergency generator manufacturer and assuming maximum allowable testing conditions.

**Construction Period Emissions**

Average daily construction emissions were calculated based on 240 construction workdays. As indicated in Table 4.3-4, construction period emissions would not exceed the BAAQMD significance thresholds.

| **Table 4.3-4: Construction Emissions (pounds/day)** | | | | |
|---|---|---|---|---|
| | **ROG** | **$NO_x$** | **$PM_{10}$** | **$PM_{2.5}$** |
| Construction Emissions | 5 | 17 | 1 | 1 |
| *BAAQMD Thresholds (pounds/day)* | *54* | *54* | *82* | *54* |
| **Significant?** | **No** | **No** | **No** | **No** |

Construction Fugitive Dust

During grading and construction activities, dust would be generated. Most of the dust would occur during grading activities. The amount of dust generated would be highly variable and is dependent on the size of the area disturbed at any given time, amount of activity, soil conditions and meteorological conditions. Nearby areas could be adversely affected by dust generated during construction activities. Nearby land uses are primarily commercial and office uses that are separated by roadways or open areas. The BAAQMD CEQA Air Quality Guidelines consider these impacts to be less than significant if best management practices are employed to reduce these emissions. The following measures are included in the project, consistent with BAAQMD best management practices, to reduce construction dust generation and other particulate matter.

**Standard Measures:**

- All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.
- All haul trucks transporting soil, sand, or other loose material off-site shall be covered.
- All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
- All vehicle speeds on unpaved roads shall be limited to 15 miles per hour (mph).
- All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.
- Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne

toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.

- All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.
- Post a publicly visible sign with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

According to the BAAQMD CEQA Air Quality Guidelines, incorporation of these measures would be considered Best Management Practices for controlling fugitive $PM_{10}$ and $PM_{2.5}$ emissions and the emissions would be considered less than significant.

**Operational Emissions**

The primary emission sources associated with operation of the proposed project would be from engine operation during testing or maintenance of the six diesel-fueled 3,000-kW and one diesel-fueled 500-kW emergency backup generators. There would also be emissions from traffic and area sources associated with operation of the data center facilities. Emissions from these sources are described below. The seven generators would be located within a generator room on the first floor of the building. Exhaust gases from the generators would pass through passive diesel particulate fileters (DPFs) an then would be discharged from exhaust stacks that pass through the northern wall of the first floor generator room then rise vertically to a height of 41 feet. For each of the 3,000-kW generators there would be two exhaust stacks, and for the 500-kW generator there would be a single exhaust stack. Fuel for the generators would be stored in two 30,000-gallon underground storage tanks which would feed individual 160-gallon day tanks located adjacent to each generator. The generators would have a combined diesel fuel storage capacity of 60,000 gallons. Due to the low volatility of diesel fuel there would be minor evaporative emissions of ROG.

<u>Emergency Generator Emissions</u>

During normal facility operation, the generators would not be operated other than for periodic testing and maintenance requirements. The generator engines would be fueled using ultra low sulfur diesel fuel with a maximum sulfur content of 15 ppm. The diesel engines would meet U.S. EPA Tier 2 emission standards.

The backup generators would have maintenance testing performed throughout the year to ensure performance when needed during a power failure. The operations of these generators are limited to 50 hours per year of non-emergency use (i.e. testing and maintenance) by the State's Air Toxic Control Measure for Stationary Compression Ignition Engines. For purposes of estimating emissions and potential air quality impacts from the engines, it was assumed that each engine could be operated for 50 hours per year (maximum operation hours allowed by the State's Air Toxic Control Measure and BAAQMD for testing and maintenance) at an average load of 74 percent. The emissions were calculated with CalEEMod and are shown in Table 4.3-5. Note that the project intends that emergency backup generators would each be tested once per month for up to one hour. Tests would be conducted with no load for 11 months out of the year, and at with full load one month out of the

year.[12]. Therefore, the emissions reported in this assessment are an overestimate and represent a maximum scenario based on the allowed operation per CARB and BAAQMD permit conditions.

Cooling Unit Particulate Matter Emissions

The project would use three hybrid coolers. The hybrid coolers can use evaporative cooling (water sprays) or dry cooling methods. Particulate matter emissions from evaporative cooling can occur and are a result of evaporation of liquid water entrained in the discharge air stream and carried out of the tower as "drift" droplets that contain dissolved solids in the water. Drift droplets that evaporate can produce small particulate matter (i.e., $PM_{10}$ and $PM_{2.5}$) emissions. These emissions are generated when the drift droplets evaporate and leave the particulate matter formed by crystallization of dissolved solids. There are no emissions from dry cooling.

$PM_{10}$ and $PM_{2.5}$ emissions from evaporative cooling, if used for the proposed project, were calculated based on a worst-case assumptions including use of evaporative cooling for 100 percent of the time, a water flow rate of 720 gallons per minute (gpm) per cooler, use of 0.005 percent drift eliminators, a total dissolved solids (TDS) concentration of 292 parts per million (ppm) for the makeup water, and six cycles of TDS concentration in the recirculating water. Based on a calculated total drift rate and recirculating water TDS concentration of 1,752 ppm, the $PM_{10}$ emissions were estimated as 2.3 pounds per day and annual emissions of 0.4 tons per year. $PM_{2.5}$ emissions were assumed to be the same as the $PM_{10}$ emissions.

Total Project Emissions

Total daily and annual emissions from the emergency generators, mobile and area sources are summarized in Table 4.3-5. Total increased average daily and annual emissions from operation of the project are modeled to be below the significance thresholds established by the BAAQMD. **(Less than Significant Impact)**

[12] Generator load refers to the actual electricity generation of the generator while it is running. For example, a generator running at no load generates no electricity, and is analogous to an idling engine. A generator running at full load is generating the maximum amount of electricity it is capable of producing. Generally, the higher the load that is placed on the engine, the more fuel it will consume, resulting in greater air quality and greenhouse gas emissions, as well as higher noise levels.

| Table 4.3-5: Operational Emissions (pounds/day) | | | | |
|---|---|---|---|---|
| | **ROG** | **NOx** | **$PM_{10}$** | **$PM_{2.5}$** |
| Data Center Operation | 3.2 | 1.6 | 0.5 | 0.2 |
| Emergency Generators (Permitted Maximum)[1] | 6.2 | 27.5 | 0.9 | 0.9 |
| Evaporative Cooling | -- | -- | 2.3 | 2.3 |
| Project Total | 9.4 | 29.1 | 3.7 | 3.4 |
| *BAAQMD Threshold* | *54* | *54* | *82* | *54* |
| ***Significant?*** | ***No*** | ***No*** | ***No*** | ***No*** |

[1] Generator emissions were calculated based on the maximum permitted operation of 50 hours per year per engine. The project proposes to operate each engine for only 12 hours per year. This analysis represents a conservative estimate of maximum permitted project emissions. Actual project emissions would be lower than the values shown.

**Impact AIR-3:** The project would not expose sensitive receptors to substantial pollutant concentrations**. (Less than Significant Impact)**

The proposed project would be a source of air pollutant emissions during project construction and during operation of emergency generators for testing and maintenance purposes. The proposed generators are diesel fueled, so they would emit DPM, which is a toxic air contaminant (TAC). The generators are also a source of $PM_{2.5}$, which has known adverse health effects.

The BAAQMD CEQA Air Quality Guidelines considers exposure of sensitive receptors to air pollutant levels that result in an unacceptable cancer risk or hazard to be significant. BAAQMD recommends a 1,000-foot zone of influence around project boundaries. There are no sensitive receptors within 1,000 feet of the project site. Since construction activities are temporary and would occur well over 1,000 feet from the nearest sensitive receptor, community risk impacts from construction activities would be less than significant.

Since the proposed project would emit DPM from the generator engines over the project lifetime, an analysis was performed to assess what ambient concentrations would result from their operation, and to quantify potential long-term health risks at the closest sensitive receptors. DPM concentrations and potential cancer risks from operation of the generators were evaluated at existing residences in the vicinity of the proposed data center site. The closest sensitive receptors to the proposed project site are the Granada Islamic School about 1,700 feet northwest of the project site, existing residences about 3,315 feet north of the project site, and additional residences about 4,330 and 4,590 feet south of the project site. The maximum average annual off-site DPM concentrations were used to calculate potential increased cancer risks from the project. Average annual DPM concentrations were used as being representative of long-term (30-year) exposures for calculation of cancer risks.

The maximum modeled annual DPM and $PM_{2.5}$ concentration from operation of the generators at the data center was 0.0001 µg/m$^3$ at several residential receptors north of the project site on Lafayette Street. Concentrations at all other existing residential locations would be lower than the maximum concentration.

Based on the maximum modeled DPM concentrations that assume operation for 50 hours per year per generator, maximum increased cancer risks and non-cancer health impacts were calculated using BAAQMD recommended methods. The maximum increased cancer risk at the closest sensitive receptor, Granada Islamic School, would be 0.02 in one million, and the maximum increased cancer risk at the closest residence would be 0.1 in one million. The maximum hazard index would be less than 0.01 from operation of the proposed emergency generators and would be below the BAAQMD maximum hazard index significance threshold of 1.0.[13] **(Less than Significant Impact)**

| | |
|---|---|
| **Impact AIR-4:** | The project would not result in other emissions (such as those leading to odors) adversely affecting a substantial number of people. **(Less than Significant Impact)** |

The project would generate localized emissions of diesel exhaust during construction equipment operation, and routine maintenance of emergency generators of the site. The odor emissions may be noticeable from time to time by adjacent receptors; however, the odors would be localized and temporary. **(Less Than Significant Impact)**

[13] Bay Area Air Quality Management District. California Environmental Quality Act Air Quality Guidelines. May 2017.

## 4.4 BIOLOGICAL RESOURCES

### 4.4.1 Environmental Setting

#### 4.4.1.1 *Regulatory Framework*

**Federal and State**

Endangered Species Act

Individual plant and animal species listed as rare, threatened, or endangered under state and federal Endangered Species Acts are considered special-status species. Federal and state endangered species legislation has provided the United States Fish and Wildlife Service (USFWS) and the California Department of Fish and Wildlife (CDFW) with a mechanism for conserving and protecting plant and animal species of limited distribution and/or low or declining populations. Permits may be required from both the USFWS and CDFW if activities associated with a proposed project would result in the take of a species listed as threatened or endangered. To "take" a listed species, as defined by the State of California, is "to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill" these species. Take is more broadly defined by the federal Endangered Species Act to include harm of a listed species.

In addition to species listed under state and federal Endangered Species Acts, Sections 15380(b) and (c) of the CEQA Guidelines provide that all potential rare or sensitive species, or habitats capable of supporting rare species, must be considered as part of the environmental review process. These may include plant species listed by the California Native Plant Society and CDFW-listed Species of Special Concern.

Migratory Bird Treaty Act

The federal Migratory Bird Treaty Act (MBTA) prohibits killing, capture, possession, or trade of migratory birds except in accordance with regulations prescribed by the Secretary of the Interior. Hunting and poaching are also prohibited. The taking and killing of birds resulting from an activity is not prohibited by the MBTA when the underlying purpose of that activity is not to take birds.[14] Nesting birds are considered special-status species and are protected by the USFWS. The CDFW also protects migratory and nesting birds under California Fish and Game Code Sections 3503, 3503.5, and 3800. The CDFW defines taking as causing abandonment and/or loss of reproductive efforts through disturbance.

Sensitive Habitat Regulations

Wetland and riparian habitats are considered sensitive habitats under CEQA. They are also afforded protection under applicable federal, state, and local regulations, and are generally subject to regulation by the United States Army Corps of Engineers (USACE), Regional Water Quality Control Board (RWQCB), CDFW, and/or the USFWS under provisions of the federal Clean Water Act (e.g., Sections 303, 304, 404) and State of California Porter-Cologne Water Quality Control Act.

[14] United States Department of the Interior. "Memorandum M-37050. The Migratory Bird Treaty Act Does Not Prohibit Incidental Take." Accessed October 22, 2019. https://www.doi.gov/sites/doi.gov/files/uploads/m-37050.pdf.

Fish and Game Code Section 1602

Streambeds and banks, as well as associated riparian habitat, are regulated by the CDFW per Section 1602 of the Fish and Game Code. Work within the bed or banks of a stream or the adjacent riparian habitat requires a Streambed Alteration Agreement from the CDFW.

**Regional and Local**

Santa Clara Valley Habitat Plan/Natural Community Conservation Plan

The Santa Clara Valley Habitat Plan/Natural Community Conservation Plan (Habitat Plan) covers approximately 520,000 acres, or approximately 62 percent of Santa Clara County. It was developed and adopted through a partnership between Santa Clara County, the Cities of San José, Morgan Hill, and Gilroy, Santa Clara Valley Water District (Valley Water), Santa Clara Valley Transportation Authority (VTA), USFWS, and CDFW. The Habitat Plan is intended to promote the recovery of endangered species and enhance ecological diversity and function, while accommodating planned growth in southern Santa Clara County. The Santa Clara Valley Habitat Agency is responsible for implementing the plan. The project site is outside of the Santa Clara Valley Habitat Plan's study area.

Santa Clara General Plan

General Plan policies applicable to biological resources include, but are not limited to, the following listed below.

| Policies | Description |
|---|---|
| 5.3.1-P10 | Provide opportunities for increased landscaping and trees in the community, including requirements for new development to provide street trees and a minimum 2:1 on- or off-site replacement for trees removed as part of the proposal to help increase the urban forest and minimize the heat island effect. |
| 5.10.1-P4 | Protect all healthy cedars, redwoods, oaks, olives, bay laurel, and pepper trees of any size, and all other trees over 36 inches in circumference measured from 48 inches above-grade on private and public property, as well as in the public right-of-way. |

### 4.4.1.2 *Existing Conditions*

The project site is developed with a one-story, 23,765 sf industrial building and a paved parking lot. Minimal landscaping and mature trees are located along the southern and western property boundaries.

Wildlife habitats in such developed urban areas are low in species diversity. Species that use the habitat on the site are predominately urban adapted birds, such as rock doves, mourning doves, house sparrows, finches, and starlings.

**Special Status Species**

Special status plants and wildlife species are not present on the highly urbanized project site, although raptors (birds of prey) could use the trees on the site for nesting or as a roost. Raptors are protected by the Federal Migratory Bird Treaty Act (MBTA) (16 U.S.C. Section 703, et seq.).

### Trees

Trees located on the project site are primarily non-native species in varying sizes and levels of health. City policy is to protect all healthy cedars, redwoods, oaks, olives, bay laurel and pepper trees of any size and all other trees over 36 inches in circumference (approximately 11 inches in diameter) as measured from 48 inches above the ground surface. Within the boundaries of the proposed modifications, there are a total of 35 trees, 16 of which are considered protected by City of Santa Clara policy. A summary of tree diameter and conditions is provided in Table 4.4-1.

**Table 4.4-1: Summary of Existing On-Site Trees**

| Common Name | Diameter | Condition |
|---|---|---|
| Xylosma | 15.5 | Fair |
| Xylosma | 13 | Fair |
| Unknown | 3 | Dead |
| Evergreen Ash | 5 | Good |
| Glossy Privet | 2.5 | Good |
| Evergreen Ash | 26 | Good |
| Evergreen Ash | 5.5 | Good |
| Evergreen Ash | 21.5 | Good |
| Evergreen Ash | 7.5 | Good |
| Evergreen Ash | 8 | Good |
| Evergreen Ash | 5 | Good |
| Evergreen Ash | 3 | Good |
| Evergreen Ash | 3 | Good |
| Evergreen Ash | 5 | Poor |
| Evergreen Ash | 3.5 | Good |
| Evergreen Ash | 13 | Good |
| Evergreen Ash | 18 | Fair |
| Evergreen Ash | 6 | Good |
| Glossy Privet | 4 | Good |
| Xylosma | 8 | Poor |
| Xylosma | 19 | Poor |
| Evergreen Ash | 2 | Poor |
| Evergreen Ash | 23 | Fair |
| Evergreen Ash | 1 | Good |
| Cherry Tree | 15 | Dead |
| Cherry Tree | 16 | Dead |
| Canary Island Pine | 27 | Good |
| Crape Myrtle | 6 | Good |
| Crape Myrtle | 6 | Good |
| Incense Cedar | 10 | Fair |
| Incense Cedar | 8 | Fair |
| Tulip Poplar | 17 | Fair |
| Eucalyptus | 31 | Good |
| Canary Island Pine | 16 | Good |
| Peach Tree | 5 | Good |

### 4.4.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 1) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife (CDFW) or United States Fish and Wildlife Service (USFWS)? | ☐ | ☒ | ☐ | ☐ |
| 2) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the CDFW or USFWS? | ☐ | ☐ | ☐ | ☒ |
| 3) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means? | ☐ | ☐ | ☐ | ☒ |
| 4) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, impede the use of native wildlife nursery sites? | ☐ | ☐ | ☐ | ☒ |
| 5) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance? | ☐ | ☐ | ☒ | ☐ |
| 6) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan? | ☐ | ☐ | ☐ | ☒ |

**Impact BIO-1:** As mitigated, the project would not have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the CDFW or USFWS. **(Less than Significant Impact with Mitigation Incorporated)**

Given the urbanized nature of the project site and surrounding area, there are no sensitive habitats or special-status animal or plant species on or adjacent to the project site. The project site, however, includes trees which could be used by nesting birds (including migratory birds and raptors). Nesting birds are protected under the MBTA and by the California Fish and Game Code 3503, 3503.5, and

2800. Construction disturbance during breeding season could result in incidental loss of fertile eggs or nestlings, or otherwise lead to nest abandonment. Disturbance that causes abandonment and/or loss of reproductive effort is considered a taking by CDFW. Any loss of fertile eggs, nesting raptors, or any activities resulting in nest abandonment would constitute a significant impact. Construction activities such as site grading that disturb a nesting bird or raptor on-site or immediately adjacent to the construction zone would constitute a significant impact.

**Mitigation Measure:**

**MM BIO-1.1:** Construction shall be scheduled to avoid the nesting bird season to the extent feasible. The nesting season for most birds, including most raptors, in the San Francisco Bay Area extends from February 1 through August 31.

If it is not possible to schedule construction activities between September 1 and January 31, then pre-construction surveys for nesting birds shall be completed by a qualified ornithologist to ensure no nest shall be disturbed during project implementation. This survey shall be completed no more than 14 days prior to the initiation of grading, tree removal, or other demolition or construction activities during the early part of the breeding season (February through April) and no more than 30 days prior to the initiation of these activities during the late part of the breeding season (May through August).

During this survey, the ornithologist shall inspect all trees and other possible nesting habitats within and immediately adjacent to the construction area for nests. If an active nest is found sufficiently close to work areas to be disturbed by construction, the ornithologist, in consultation with CDFW, shall determine the extent of a construction-free buffer zone to be established around the nest to ensure that nests of bird species protected by the MBTA or Fish and Game Code shall not be disturbed during project construction.

A final report of nesting birds, including any protection measures, shall be submitted to the Director of Community Development prior to the start of grading or tree removal.

The project, with implementation of the above mitigation measure, would reduce impacts to nesting birds (if present) by avoiding construction during nesting bird season or completing pre-construction nesting bird surveys to minimize and/or avoid impacts to nesting birds. **(Less than Significant Impact with Mitigation Incorporated)**

| | |
|---|---|
| **Impact BIO-2:** | The project would not have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the CDFW or USFWS. **(No Impact)** |

As discussed in Section 4.4.1 and under Impact BIO-1, the project site is developed and located in an urbanized area. There are no riparian habitats located within or adjacent to the site, and the project site does not support other sensitive natural communities. The nearest riparian habitat is the

Guadalupe River, which is approximately .85 miles east of the project site. The project would not result in any changes to the river. For these reasons, the project would not have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulation or by the CDFW or USFWS. **(No Impact)**

| | |
|---|---|
| **Impact BIO-3:** | The project would not have a substantial adverse effect on state or federally protected wetlands through direct removal, filling, hydrological interruption, or other means. **(No Impact)** |

The project site is developed and located in an urbanized area. The project site does not contain state or federally protected wetlands. **(No Impact)**

| | |
|---|---|
| **Impact BIO-4:** | The project would not interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites. **(No Impact)** |

The project site is developed and surrounded by urban development. There are no sensitive habitats or waterways on or adjacent to the site. For these reasons, the project site does not facilitate substantial wildlife movement. There are no native wildlife nursery sites in the vicinity. For these reasons, the project would not interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors or impede the use of native wildlife nursery sites. **(No Impact)**

| | |
|---|---|
| **Impact BIO-5:** | The project would not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance. **(Less than Significant Impact)** |

As discussed in Section 4.4.1, there are a total of approximately 32 trees on-site.

The project would remove 24 trees on-site. The project does, however, propose to plant new landscaping around the southern and western perimeter of the site. The City's General Plan (Policy 5.3.1-P10) requires new development to include new street trees and at least a 2:1 on- or off-site replacement for removal of existing trees. While the proposed project would need to plant a minimum of 48 trees, the landscape plan shows five new trees would be planted on the project site. At the City's directive, the project would plant, at a minimum, 43 trees off-site to offset the loss of the trees to be removed as a result of the project. If additional trees are removed, whether due to deterioration, construction injury, or a mitigation measure, the project would need to offset the loss of trees in accordance with General Plan Policy 5.3.1-P10. Because the project would be required to comply with the City's tree replacement policy, the loss of these trees on-site would result in a less than significant impact on trees in the project area.

Of the 24 trees to be removed on-site, 16 trees are classified as protected by the City. The removal of these trees would be inconsistent with General Plan Policy 5.10.1-P4 to protect healthy cedars and all

types of trees over 36 inches in circumference measured from 48 inches above-grade on private and public property. Although 16 City-protected trees would be removed as part of the project, the project would be required to comply with the City's tree replacement policy and, as a result, the overall loss of these trees would be less than significant. **(Less than Significant Impact)**

| | |
|---|---|
| **Impact BIO-6:** | The project would not conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan. **(No Impact)** |

The project site is not located within a adopted Habitat Conservation Plan, Natural Community Plan, or other approved, local, regional, or state habitat conservation plan. The proposed project, therefore, would not conflict with provisions of any of these plans. **(No Impact)**

## 4.5 CULTURAL RESOURCES

The discussion in this section is based in part upon a Cultural Resources Literature Search prepared for the project by Holman & Associates, Inc. in October 2019. A copy of the report is included in Appendix B of this IS.

### 4.5.1 Environmental Setting

Cultural resources are evidence of past human occupation and activity and include both historical and archaeological resources. These resources may be located above ground or underground and have significance in the history, prehistory, architecture, architecture of cultural of the nation, State of California, or local or tribal communities.

#### 4.5.1.1 *Regulatory Framework*

**Federal and State**

National Historic Preservation Act

Federal protection is legislated by the National Historic Preservation Act of 1966 (NHPA) and the Archaeological Resource Protection Act of 1979. These laws maintain processes for determination of the effects on historical properties eligible for listing in the National Register of Historic Places (NRHP). Section 106 of the NHPA and related regulations (36 Code of Federal Regulations [CFR] Part 800) constitute the primary federal regulatory framework guiding cultural resources investigations and require consideration of effects on properties that are listed or eligible for listing in the NRHP. Impacts to properties listed in the NRHP must be evaluated under CEQA.

California Register of Historical Resources

The California Register of Historical Resources (CRHR) is administered by the State Office of Historic Preservation and encourages protection of resources of architectural, historical, archeological, and cultural significance. The CRHR identifies historic resources for state and local planning purposes and affords protections under CEQA. Under Public Resources Code Section 5024.1(c), a resource may be eligible for listing in the CRHR if it meets any of the NRHP criteria.[15]

Historical resources eligible for listing in the CRHR must meet the significance criteria described previously and retain enough of their historic character or appearance to be recognizable as historical resources and to convey the reasons for their significance. A resource that has lost its historic character or appearance may still have sufficient integrity for the CRHR if it maintains the potential to yield significant scientific or historical information or specific data.

The concept of integrity is essential to identifying the important physical characteristics of historical resources and, therefore, in evaluating adverse changes to them. Integrity is defined as “the authenticity of a historical resource’s physical identity evidenced by the survival of characteristics that existed during the resource's period of significance.” The processes of determining integrity are similar for both the CRHR and NRHP and use the same seven variables or aspects to define integrity

[15] California Office of Historic Preservation. “CEQA Guidelines Section 15064.5(a)(3) and California Office of Historic Preservation Technical Assistance Series #6.” March 14, 2006.

that are used to evaluate a resource's eligibility for listing. These seven characteristics include 1) location, 2) design, 3) setting, 4) materials, 5) workmanship, 6) feeling, and 7) association.

California Native American Historical, Cultural, and Sacred Sites Act

The California Native American Historical, Cultural, and Sacred Sites Act applies to both state and private lands. The act requires that upon discovery of human remains, construction or excavation activity must cease and the county coroner be notified.

Public Resources Code Sections 5097 and 5097.98

Section 15064.5 of the CEQA Guidelines specifies procedures to be used in the event of an unexpected discovery of Native American human remains on non-federal land. These procedures are outlined in Public Resources Code Sections 5097 and 5097.98. These codes protect such remains from disturbance, vandalism, and inadvertent destruction, establish procedures to be implemented if Native American skeletal remains are discovered during construction of a project, and establish the Native American Heritage Commission (NAHC) as the authority to resolve disputes regarding disposition of such remains.

Pursuant to Public Resources Code Section 5097.98, in the event of human remains discovery, no further disturbance is allowed until the county coroner has made the necessary findings regarding the origin and disposition of the remains. If the remains are of a Native American, the county coroner must notify the NAHC. The NAHC then notifies those persons most likely to be related to the Native American remains. The code section also stipulates the procedures that the descendants may follow for treating or disposing of the remains and associated grave goods.

#### 4.5.1.2 *Existing Conditions*

**Historic Resources**

The project site has been developed with the existing office building since 1974. Buildings surrounding the site were constructed in 1968 or later. Prior to construction of the existing building, the site was used for agricultural purposes from around 1899 to 1939. Between 1950 and 1956, six structures (likely agricultural in use) were developed on site.

**Archaeological/Prehistoric Resources**

Although there are no existing conditions or immediate evidence that would suggest the presence of subsurface cultural resources, the project site is located in a culturally sensitive area due to known prehistoric and historic occupation of Santa Clara and proximity to the nearby creek. The project site is located approximately .85 miles west of the Guadalupe River and .9 miles east of the San Tomas Aquino Creek. Native American settlements are commonly associated with the abundant food supply in the Santa Clara Valley. Aside from the sites already identified within the City of Santa Clara, there may be other undiscovered archaeological sites. In addition, historic occupation of Santa Clara has been well documented, and the City has a strong record reflecting early settlement by Spanish missionaries. The project is located approximately 0.5 miles from the second location of Mission Santa Clara. No archaeological sites have been recorded within or adjacent to the project area. The project area has not been previously studied for its cultural resource potential.

### 4.5.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 1) Cause a substantial adverse change in the significance of a historical resource pursuant to CEQA Guidelines Section 15064.5? | ☐ | ☐ | ☐ | ☒ |
| 2) Cause a substantial adverse change in the significance of an archaeological resource as pursuant to CEQA Guidelines Section 15064.5? | ☐ | ☒ | ☐ | ☐ |
| 3) Disturb any human remains, including those interred outside of dedicated cemeteries? | ☐ | ☒ | ☐ | ☐ |

**Impact CUL-1:** The project would not cause a substantial adverse change in the significance of a historical resource pursuant to CEQA Guidelines Section 15064.5. **(No Impact)**

The existing office building was constructed in 1974 and is not classified as a historic resource nor is it eligible to be listed on the CRHR, NRHP, or local register since it is less than 50 years of age. The buildings directly adjacent to the project site and in the immediate project area are not classified as historic by the City of Santa Clara and are not currently eligible for inclusion on the CRHR given they are less than 50 years of age and are of a common or modern architectural style.[16] Development of the project site would not physically damage or materially impair the integrity of any historic building. Implementation of the proposed project would, therefore, have no impact on any designated or eligible historic structures. **(No Impact)**

**Impact CUL-2:** As mitigated, the project would not cause a substantial adverse change in the significance of an archaeological resource pursuant to CEQA Guidelines Section 15064.5. **(Less than Significant Impact with Mitigation Incorporated)**

Although there are no known prehistoric archaeological deposits on or adjacent to the site, there is a moderate to high potential for Native American sites within the project area. Construction on-site could result in the exposure or destruction of undiscovered subsurface prehistoric archaeological resources. If the exposure or destruction of subsurface prehistoric resources were to occur, it would be considered a significant impact.

[16] City of Santa Clara. 2010 -2035 General Plan, Table 8.9-1: Architecturally or Historically Significant Properties. Updated 2014.

**Mitigation Measures:**

The following project-specific mitigation measures would be implemented during construction to avoid significant impacts to unknown subsurface cultural resources:

**MM CUL-1.1:** After demolition of the existing building and paved parking lot on the site, a qualified archaeologist shall complete mechanical presence/absence testing for archaeological deposits and cultural materials. In the event any prehistoric site indicators are discovered, additional backhoe testing will be conducted to map the aerial extent and depth below the surface of the deposits. In the event prehistoric or historic archaeological deposits are found during presence/absence testing, the significance of the find will be determined. If deemed significant, a Treatment Plan will be prepared and provided to the Director of Community Development. The key elements of a Treatment Plan shall include the following:

- Identify scope of work and range of subsurface effects (include location map and development plan),
- Describe the environmental setting (past and present) and the historic/prehistoric background of the parcel (potential range of what might be found),
- Develop research questions and goals to be addressed by the investigation (what is significant vs. what is redundant information),
- Detail field strategy used to record, recover, or avoid the finds (photogs, drawings, written records, provenience data maps, soil profiles, excavation techniques, standard archaeological methods) and address research goals.
- Analytical methods (radiocarbon dating, obsidian studies, bone studies, historic artifacts studies [list categories and methods], packaging methods for artifacts, etc.).
- Report structure, including a technical and layman's report and an outline of document contents in one year of completion of development (provide a draft for review before a final report),
- Disposition of the artifacts,
- Appendices: site records, update site records, correspondence, consultation with Native Americans, etc.

**MM CUL-1.2:** In the event that prehistoric or historic resources that are not discovered during presence/absence testing are encountered during excavation and/or grading of the site, all activity within a 50-foot radius of the find will be stopped, the Director of Community Development will be notified, and the archaeologist will examine the find and make appropriate recommendations

prior to issuance of building permits. If the find is deemed significant, a Treatment Plan will be prepared as outlined in MM CUL-1.1.

With implementation of these measures, impacts to unknown subsurface prehistoric and historic archaeological resources would be less than significant. **(Less than Significant Impact with Mitigation Incorporated)**

| | |
|---|---|
| **Impact CUL-3:** | As mitigated, the project would not disturb any human remains, including those interred outside of dedicated cemeteries. **(Less than Significant Impact with Mitigation Incorporated)** |

Although there are no known human remains on the site, construction on-site could result in the exposure or destruction of undiscovered subsurface prehistoric human remains. If the exposure or destruction of these resources were to occur, it would be considered a significant impact.

**Mitigation Measures:**

The following project-specific mitigation measures will be implemented during construction to avoid significant impacts to unknown human remains:

**MM CUL-2.1:** In the event that human remains are discovered during excavation and/or grading of the site, all activity within a 50-foot radius of the find will be stopped. The Santa Clara County Coroner will be notified and shall make a determination as to whether the remains are of Native American origin or whether an investigation into the cause of death is required. If the remains are determined to be Native American, the Coroner will notify the Native American Heritage Commission (NAHC) immediately. Once the NAHC identifies the most likely descendants, the descendants will make recommendations regarding proper burial, which will be implemented in accordance with Section 15064.5(e) of the CEQA Guidelines.

With implementation of these measures, impacts to unknown human remains would be less than significant. **(Less than Significant Impact with Mitigation)**

## 4.6 ENERGY

### 4.6.1 Environmental Setting

#### 4.6.1.1 *Regulatory Framework*

**Federal**

At the federal level, energy standards set by the U.S. Environmental Protection Agency (EPA) apply to numerous consumer products and appliances (e.g., the EnergyStar™ program). The EPA also sets fuel efficiency standards for automobiles and other modes of transportation.

**State**

Renewable Energy Standards

In 2002, California established its Renewables Portfolio Standard (RPS) Program, with the goal of increasing the percentage of renewable energy in the state's electricity mix to 20 percent of retail sales by 2010. In 2008, Executive Order S-14-08 was signed into law requiring retail sellers of electricity serve 33 percent of their load with renewable energy by 2020. In October 2015, Governor Brown signed Senate Bill 350 (SB 350) to codify California's climate and clean energy goals. A key provision of SB 350 requires retail sellers and publicly owned utilities to procure 50 percent of their electricity from renewable sources by 2030. SB 100, passed in 2018, increased the 2030 renewable source requirement to 60%, and requires 100 percent of electricity in California to be provided by 100 percent renewable and carbon-free sources by 2045.

Silicon Valley Power (SVP) provides electricity service to the project site. In 2017, renewable energy facilities provided approximately 72 percent of SVP's electricity mix.[17]

Building Codes

The Energy Efficiency Standards for Residential and Nonresidential Buildings, as specified in Title 24, Part 6, of the California Code of Regulations (Title 24), was established in 1978 in response to a legislative mandate to reduce California's energy consumption. Title 24 is updated approximately every three years, and the 2019 Title 24 updates went into effect on January 1, 2020.

CALGreen establishes mandatory green building standards for buildings in California. The most recent updates to CALGreen went into effect on January 1, 2020, and covers five categories: planning and design, energy efficiency, water efficiency and conservation, material and resource efficiency, and indoor environmental quality.

[17] Silicon Valley Power. "Renewable Energy FAQ" Accessed October 29, 2019. http://www.siliconvalleypower.com/solar-and-green-power/renewable-energy-faq

Energy Star and Fuel Efficiency

At the federal level, energy standards set by the EPA apply to numerous consumer products and appliances (e.g., the EnergyStar™ program). The EPA also sets fuel efficiency standards for automobiles and other modes of transportation.

Renewables Portfolio Standard Program

In 2002, California established its Renewables Portfolio Standard Program, with the goal of increasing the percentage of renewable energy in the state's electricity mix to 20 percent of retail sales by 2010. In 2008, Executive Order S-14-08 was signed into law, requiring retail sellers of electricity serve 33 percent of their load with renewable energy by 2020. In October 2015, Governor Brown signed SB 350 to codify California's climate and clean energy goals. A key provision of SB 350 requires retail sellers and publicly owned utilities to procure 50 percent of their electricity from renewable sources by 2030. SB 100, passed in 2018, increased the 2030 renewable source requirement to 60%, and requires 100 percent of electricity in California to be provided by 100 percent renewable and carbon-free sources by 2045.

California Building Standards Code

The Energy Efficiency Standards for Residential and Nonresidential Buildings, as specified in Title 24, Part 6 of the California Code of Regulations (Title 24), was established in 1978 in response to a legislative mandate to reduce California's energy consumption. Title 24 is updated approximately every three years, and the 2019 Title 24 updates went into effect on January 1, 2029. Compliance with Title 24 is mandatory at the time new building permits are issued by city and county governments.

California Green Building Standards Code

CALGreen establishes mandatory green building standards for buildings in California. CALGreen was developed to reduce GHG emissions from buildings, promote environmentally responsible and healthier places to live and work, reduce energy and water consumption, and respond to state environmental directives. The most recent update to CALGreen went into effect on January 1, 2020, and covers five categories: planning and design, energy efficiency, water efficiency and conservation, material and resource efficiency, and indoor environmental quality.

Advanced Clean Cars Program

CARB adopted the Advanced Clean Cars program in 2012 in coordination with the EPA and National Highway Traffic Safety Administration. The program combines the control of smog-causing pollutants and GHG emissions into a single coordinated set of requirements for vehicle model years 2015 through 2025. The program promotes development of environmentally superior passenger cars and other vehicles, as well as saving the consumer money through fuel savings.[18]

[18] California Air Resources Board. "The Advanced Clean Cars Program." Accessed April 6, 2018. https://www.arb.ca.gov/msprog/acc/acc.htm.

#### 4.6.1.2 *Existing Conditions*

Total energy usage in California was approximately 7,881 trillion British thermal units (Btu) in the year 2017, the most recent year for which this data was available.[19] Out of the 50 states, California is ranked second in total energy consumption and 48th in energy consumption per capita. The breakdown by sector was approximately 18 percent (1,416 trillion Btu) for residential uses, 19 percent (1,473 trillion Btu) for commercial uses, 23 percent (1,818 trillion Btu) for industrial uses, and 40 percent (3,175 trillion Btu) for transportation.[20] This energy is primarily supplied in the form of natural gas, petroleum, nuclear electric power, and hydroelectric power.

**Electricity**

Electricity in Santa Clara County in 2018 was consumed primarily by the commercial sector (77 percent), followed by the residential sector consuming 23 percent. In 2018, a total of approximately 16,668 gigawatt hours (GWh) of electricity was consumed in Santa Clara County.[21]

Silicon Valley Power (SVP) is the City of Santa Clara's energy utility and would provide electricity service to the project site. For commercial customers, SVP offers several options for participation in green energy programs, including a carbon-free energy option.[22]

**Natural Gas**

PG&E provides natural gas services within the City of Santa Clara. In 2018, approximately one percent of California's natural gas supply came from in-state production, while the remaining supply was imported from other western states and Canada.[23] In 2018, residential and commercial customers in California used 34 percent of the state's natural gas, power plants used 35 percent, the industrial sector used 21 percent, and other uses used 10 percent. Transportation accounted for one percent of natural gas use in California. In 2018, Santa Clara County used approximately 3.5 percent of the state's total consumption of natural gas.[24]

**Fuel for Motor Vehicles**

In 2017, 15 billion gallons of gasoline were sold in California.[25] The average fuel economy for light-duty vehicles (autos, pickups, vans, and sport utility vehicles) in the United States has steadily increased from about 13.1 miles per gallon (mpg) in the mid-1970s to 24.9 mpg in 2018.[26] Federal

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[19] United States Energy Information Administration. "State Profile and Energy Estimates, 2017." Accessed October 29, 2019. https://www.eia.gov/state/?sid=CA#tabs-2.
[20] United States Energy Information Administration. "State Profile and Energy Estimates, 2017." Accessed October 29, 2019. https://www.eia.gov/state/?sid=CA#tabs-2.
[21] California Energy Commission. Energy Consumption Data Management System. "Electricity Consumption by County." Accessed October 29, 2019. http://ecdms.energy.ca.gov/elecbycounty.aspx.
[22] Silicon Valley Power. "Did you Know." Accessed October 29, 2019. http://www.siliconvalleypower.com/.
[23] California Gas and Electric Utilities. 2019 *California Gas Report.* Accessed October 29, 2019. https://www.socalgas.com/regulatory/documents/cgr/2019_CGR_Supplement_7-1-19.pdf.
[24] California Energy Commission. "Natural Gas Consumption by County." Accessed October 29, 2019. http://ecdms.energy.ca.gov/gasbycounty.aspx.
[25] California Department of Tax and Fee Administration. "Net Taxable Gasoline Gallons." Accessed October 29, 2019. http://www.cdtfa.ca.gov/taxes-and-fees/MVF_10_Year_Report.pdf.
[26] United States Environmental Protection Agency. "The 2018 EPA Automotive Trends Report: Greenhouse Gas Emissions, Fuel Economy, and Technology since 1975." March 2019.

fuel economy standards have changed substantially since the Energy Independence and Security Act was passed in 2007. That standard, which originally mandated a national fuel economy standard of 35 miles per gallon by the year 2020, was subsequently revised to apply to cars and light trucks model years 2011 through 2020. [27,28]

#### 4.6.1.3 *Existing Energy Use on the Project Site*

The project site is currently developed with a one-story, 23,765 sf industrial building. The main source of energy use associated with the existing development on-site is the electricity and natural gas use of the existing building. Fuel use also results from vehicle trips associated with the existing development.

### 4.6.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 1) Result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation? | ☐ | ☐ | ☒ | ☐ |
| 2) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency? | ☐ | ☐ | ☒ | ☐ |

**Impact EN-1:** The project would not result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation. **(Less than Significant Impact)**

Energy would be consumed during both the construction and operational phases of the proposed project. Energy requirements throughout the construction phase include energy for the manufacturing and transportation of building materials, preparation of the site, and operation of construction equipment. The operation of the data center building would consume electricity for building equipment power, lighting, air conditioning, and cooling. Data centers are an energy-intensive land use, and electricity will be the primary form of energy used at the data center building proposed by the project. Fuel would also be consumed by vehicles traveling to and from the site and regular testing and maintenance of the backup generators.

[27] United States Department of Energy. *Energy Independence & Security Act of 2007.* Accessed February 8, 2018. http://www.afdc.energy.gov/laws/eisa.
[28] Public Law 110–140—December 19, 2007. *Energy Independence & Security Act of 2007.* Accessed February 8, 2018. http://www.gpo.gov/fdsys/pkg/PLAW-110publ140/pdf/PLAW-110publ140.pdf.

### Construction

Construction of the project would require energy for the demolition of existing buildings, manufacture and transportation of building materials, site preparation and grading, and the actual construction of the buildings and infrastructure. As discussed in Section 4.3 Air Quality, the project would implement measures to minimize the idling of construction equipment. Additionally, the project would participate in the City's Construction and Demolition Debris Recycling Program by recycling or diverting at least 50 percent of materials generated for discards by the project in order to reduce the amount of demolition and construction waste going to the landfill. Diversion saves energy by reusing and recycling materials for other uses (instead of landfilling materials and using additional non-renewable resources).

### Operation

The projected maximum load for information technology (IT) equipment in the data center would be 10 MW. Additional electricity would be required for mechanical cooling equipment and other building functions. Power Usage Effectiveness (PUE) is a metric used to compare the operating efficiency of data center facilities. PUE is defined as the ratio of total power use of a facility to the power used strictly by the information technology (IT) equipment (e.g. PUE=Total Facility Power/IT Equipment Power). For example, with a PUE of 2.0 a data center would use (2) watts of total power for every (1) watt of power used by the IT equipment. The ideal PUE is one (1) where all power drawn by the facility goes to the IT infrastructure. The annualized PUE of the proposed data center would be 1.2, resulting in the consumption of 89,352 MW-hours (MWh) of electricity per year.[29] For comparison, the current industrial use on the site is estimated to consume roughly 196 MWh of electricity per year.[30] A PUE of 1.2 is considered efficient. Based on industry surveys, the average PUE for data centers is 1.67, although newly constructed data centers typically have PUEs ranging from 1.1 to 1.4.[31]

The diesel-fueled generators would only be operated when necessary for testing and maintenance, and would not be used regularly for electricity generation, resulting in minimal fuel consumption. Additionally, vehicle travel associated with the project would be less than existing uses on the site due to the low employment requirements of data centers, resulting in a reduction in fuel consumption.

Although the project would result in an increase in energy use on the site, the project would be built in accordance with Title 24 and CalGreen and include green building measures to reduce energy consumption. The project would also utilize lighting control to reduce energy usage for new exterior lighting and air economization for building cooling. Water efficient landscaping and ultra-low flow plumbing fixtures in the building would be implemented to limit water consumption. Due to the energy efficiency measures incorporated into the facility, the project would not result in a wasteful,

[29] Illingworth & Rodkin, Inc. *1111 Comstock Street Data Center Air Quality and GHG Emissions Assessment*. November 11, 2019.
[30] Based on CalEEMod default electricity consumption rates for general light industrial land uses applied to the existing 23,765 sf building on the site.
[31] Uptime Institute. Annual Data Center Survey Results - 2019. Available at: https://datacenter.com/wp-content/uploads/2019/06/data-center-survey-2019.pdf

inefficient, or unnecessary consumption of energy, or wasteful use of energy resources. **(Less than Significant Impact)**

| | |
|---|---|
| **Impact EN-2:** | The project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. **(Less than Significant Impact)** |

The project would be consistent with the regulations described in 4.6.1.1 (including General Plan Policies) by:

- Complying with Title 24 and CalGreen,
- Participating in the City's Construction and Demolition Debris Recycling Program
- Implementing TDM measures to promote walking, bicycling and transit use.
- Incorporating measures such as lighting control, air economization, water conservation measures, and energy conservation measures.

The project, therefore, would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. **(Less than Significant Impact)**

## 4.7 GEOLOGY AND SOILS

The following analysis is based in part on a Geotechnical Investigation Report for the project prepared by Kleinfelder, Inc in April 2019. A copy of this report is included in Appendix C of this IS.

### 4.7.1 Environmental Setting

#### 4.7.1.1 *Regulatory Framework*

**State**

Alquist-Priolo Earthquake Fault Zoning Act

The Alquist-Priolo Earthquake Fault Zoning Act was passed following the 1971 San Fernando earthquake. The act regulates development in California near known active faults due to hazards associated with surface fault ruptures. Alquist-Priolo maps are distributed to affected cities, counties, and state agencies for their use in planning and controlling new construction. Areas within an Alquist-Priolo Earthquake Fault Zone require special studies to evaluate the potential for surface rupture to ensure that no structures intended for human occupancy are constructed across an active fault.

Seismic Hazards Mapping Act

The Seismic Hazards Mapping Act (SHMA) was passed in 1990 following the 1989 Loma Prieta earthquake. The SHMA directs the California Geological Survey (CGS) to identify and map areas prone to liquefaction, earthquake-induced landslides, and amplified ground shaking. CGS has completed seismic hazard mapping for the portions of California most susceptible to liquefaction, landslides, and ground shaking, including the central San Francisco Bay Area. The SHMA requires that agencies only approve projects in seismic hazard zones following site-specific geotechnical investigations to determine if the seismic hazard is present and identify measures to reduce earthquake-related hazards.

California Building Standards Code

The CBC prescribes standards for constructing safe buildings. The CBC contains provisions for earthquake safety based on factors including occupancy type, soil and rock profile, ground strength, and distance to seismic sources. The CBC requires that a site-specific geotechnical investigation report be prepared for most development projects to evaluate seismic and geologic conditions such as surface fault ruptures, ground shaking, liquefaction, differential settlement, lateral spreading, expansive soils, and slope stability. The CBC is updated every three years.

California Division of Occupational Safety and Health Regulations

Excavation, shoring, and trenching activities during construction are subject to occupational safety standards for stabilization by the California Department of Industrial Relations, Division of Occupational Safety and Health (Cal/OSHA) under Title 8 of the California Code of Regulations and Excavation Rules. These regulations minimize the potential for instability and collapse that could injure construction workers on the site.

Public Resources Code Section 5097.5

Paleontological resources are the fossilized remains of organisms from prehistoric environments found in geologic strata. They range from mammoth and dinosaur bones to impressions of ancient animals and plants, trace remains, and microfossils. These are valued for the information they yield about the history of the earth and its past ecological settings. California Public Resources Code Section 5097.5 specifies that unauthorized removal of a paleontological resource is a misdemeanor. Under the CEQA Guidelines, a project would have a significant impact on paleontological resources if it would disturb or destroy a unique paleontological resource or site or unique geologic feature.

**Local**

Santa Clara General Plan

General Plan policies applicable to geology and soils include, but are not limited to, the following listed below.

| Policies | Description |
|---|---|
| 5.6.3-P5 | In the event that archaeological/paleontological resources are discovered, require that work be suspended until the significance of the find and recommended actions are determined by a qualified archaeological/paleontologist. |
| 5.10.5-P5 | Regulate development, including remodeling or structural rehabilitation, to ensure adequate mitigation of safety hazards, including flooding, seismic, erosion, liquefaction and subsidence dangers. |
| 5.10.5-P6 | Require that new development is designed to meet current safety standards and implement appropriate building code to reduce risks associated with geologic conditions. |
| 5.10.5-P7 | Implement all recommendations and design solutions identified in project soils reports to reduce potential adverse effects associated with unstable soils or seismic hazards. |

City Code

Title 15 of the Santa Clara City Code includes the City's adopted Building and Construction Code. These regulations are based on the CBC and include requirements for building foundations, walls, and seismic resistant design. Requirements for grading and excavation permits and erosion control are included in Chapter 15.15 (Building Code). Requirements for building safety and earthquake reduction hazard are addressed in Chapter 15.55 (Seismic Hazard Identification).

### 4.7.1.2 *Existing Conditions*

The project site is located in the Santa Clara Valley, a relatively flat alluvial basin, bounded by the Santa Cruz Mountains to the southwest and west, the Diablo Mountain Range to the east, and the San Francisco Bay to the north.

**Soil Conditions**

Soil on site includes clay, silt, clayey silt to silty clay, including sands at various depths, and sandy silt to clayey silt to a depth of 120 feet below the ground surface. The site has highly expansive

clayey soils near the ground surface. Undocumented fill was not encountered onsite during investigation.

Because the topography of the project area is relatively flat, with an elevation of approximately 35 feet above sea level, erosion hazard is limited and there is no landslide hazard.

### Groundwater

Depth to groundwater in the area is approximately eight feet below ground surface (bgs). Fluctuations in groundwater levels are common due to seasonal fluctuation, underground drainage patterns, regional fluctuations, and other factors.

### Seismicity and Seismic Hazards

The project site is located within the San Francisco Bay Area, which is one of the most seismically active areas in the country. There are nine faults located within 35 miles of the site (see Table 4.7-1). Given the site's proximity to these faults, moderate to severe earthquakes can cause strong ground shaking at the site.

The site is not located within a state-designated Alquist-Priolo Earthquake Fault Zone or a Santa Clara County Fault Hazard Zone. No known surface expression of fault traces cross the site; therefore, fault rupture hazard is not a significant geologic hazard at the site.

**Table 4.7-1: Approximate Distances to Nearby Faults**

| **Fault Name** | **Distance from the Project Site** (miles) |
|---|---|
| Hayward-Roger's Creek | 6.2 |
| Monte Vista-Shannon | 7.4 |
| Calaveras | 9.1 |
| San Andreas | 10.9 |
| Zayante-Vergales | 23.9 |
| Greenville Connected | 23.9 |
| San Gregorio | 24.9 |
| Mount Diablo Thrust | 25.8 |
| Monterey Bay-Tularcitos | 32.4 |

### Liquification

Liquefaction is the result of seismic activity and is characterized as the transformation of loose water-saturated soils from a solid state to a liquid state after ground shaking. There are many variables that contribute to liquefaction, including the age of the soil, soil type, soil cohesion, soil density, and groundwater level.

The site is within a state-designated Liquefaction Hazard Zone, as well as a Santa Clara County Liquefaction Hazard Zone.[32] Analysis of on-site soils indicate that there is a potential for liquefaction of localized sand layers during a significant seismic event.

### Lateral Spreading

Lateral spreading is horizontal/lateral ground movement of relatively flat-lying soil deposits towards a free face such as an excavation, channel, or open body of water; typically lateral spreading is associated with liquefaction of one or more subsurface layers near the bottom of an exposed slope. There are no open faces within a distance considered susceptible to lateral spreading; therefore, the potential for lateral spreading to affect the site is low.

### Paleontological Resources

The project site is underlain by Holocene basin deposits.[33] Geologic units of Holocene age are generally not considered sensitive for paleontological resources because biological remains younger than 10,000 years are not usually considered fossils; however, these recent sediments overlie sediments of older Pleistocene sediments with high potential to contain paleontological resources.[34] These older sediments, often found at depths of 10 feet or more below the ground surface, have yielded the fossil remains of plants and extinct terrestrial Pleistocene vertebrates.

## 4.7.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 1) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving: | | | | |
| – Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault (refer to Division of Mines and Geology Special Publication 42)? | ☐ | ☐ | ☒ | ☐ |
| – Strong seismic ground shaking? | ☐ | ☐ | ☒ | ☐ |
| – Seismic-related ground failure, including liquefaction? | ☐ | ☐ | ☒ | ☐ |
| – Landslides? | ☐ | ☐ | ☒ | ☐ |
| 2) Result in substantial soil erosion or the loss of topsoil? | ☐ | ☐ | ☒ | ☐ |

[32] CA Department of Conservation. *CGS Seismic Hazard Zone and Liquefaction Map. Santa Clara County*. 2012
[33] City of Santa Clara. *Integrated Final EIR for the City of Santa Clara Draft 2010-2035 General Plan*. January 2011. Figure 4.5-1.
[34] City of Santa Clara. *Integrated Final EIR for the City of Santa Clara Draft 2010-2035 General Plan*. January 2011. Page 323.

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 3) Be located on a geologic unit or soil that is unstable, or that will become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse? | ☐ | ☐ | ☒ | ☐ |
| 4) Be located on expansive soil, as defined in the current California Building Code, creating substantial direct or indirect risks to life or property? | ☐ | ☐ | ☒ | ☐ |
| 5) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater? | ☐ | ☐ | ☐ | ☒ |
| 6) Directly or indirectly destroy a unique paleontological resource or site or unique geological feature? | ☐ | ☒ | ☐ | ☐ |

**Existing Geologic Conditions Affecting the Project – Planning Considerations**

The California Supreme Court in a December 2015 opinion (*BIA v. BAAQMD*) confirmed CEQA is concerned with the impacts of a project on the environment, not the effects the existing environment may have on a project; nevertheless, the City has policies that address existing conditions (e.g. geologic hazards) affecting a proposed project, which are addressed below.

The policies of the City of Santa Clara 2035 General Plan have been adopted for the purpose of avoiding or mitigating environmental effects resulting from planned development within the City. Santa Clara General Plan Policy 5.10-P6 requires that new development is designed to meet current safety standards and implement appropriate building codes to reduce risk associated with geologic conditions.

**Impact GEO-1:** The project would not directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault; strong seismic ground shaking; seismic-related ground failure, including liquefaction; or landslides. **(Less than Significant Impact)**

The project site is not located within a fault rupture zone. The project site is located in a seismically active region. Geologic conditions on the site would require the new building be designed and constructed in accordance with standard engineering techniques, current California Building Code requirements, and the site-specific geotechnical report, to avoid or minimize potential damage from seismic shaking and liquefaction on the site.

**Standard Permit Condition:**

To avoid or minimize potential damage from seismic shaking, the project would be built using standard engineering and seismic safety design techniques. Building redevelopment design and construction at the site shall be completed in conformance with the recommendations of a design-level geotechnical investigation, which will be included in a report to the City. The report shall be reviewed and approved by the City of Santa Clara's Building Division as part of the building permit review and issuance process. The building shall meet the requirements of applicable Building and Fire Codes, including the 2019 California Building Code, as adopted or updated by the City. The project shall be designed to withstand potential geologic hazards identified on the site and the project shall be designed to reduce the risk to life or property to the extent feasible and in compliance with the Building Code.

With implementation of the Standard Permit Condition, the project would not directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault; strong seismic ground shaking; seismic-related ground failure, including liquefaction; or landslides. **(Less than Significant Impact)**

| | |
|---|---|
| **Impact GEO-2:** | The project would not result in substantial erosion or the loss of topsoil. **(Less than Significant Impact)** |

Construction of the project (including demolition and soil excavation activities) would expose soils and could result in wind or water-related erosion and loss of topsoil. Compliance with erosion control measures, as required by the National Pollutant Discharge Elimination System (NPDES) program described in Section 4.10 *Hydrology and Water Quality*, would reduce the potential for substantial erosion or loss of topsoil to a less than significant level. **(Less than Significant Impact)**

| | |
|---|---|
| **Impact GEO-3:** | The project would not be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse. **(Less than Significant Impact)** |

The project site is located in a mapped liquefaction hazard zone, and soils on the site have a high potential for expansion. Due to the flat topography of the project site, future development on-site is not expected to be exposed to slope instability, lateral spreading, or landslide-related hazards.[35] The site, however, includes moderate to very highly expansive soils. Expansive soil conditions could potentially damage the future buildings and improvements on-site without the incorporation of appropriate engineering into the grading and foundation design. As discussed under Impact GEO-1, Standard Permit Conditions would be incorporated.

[35] County of Santa Clara. *Santa Clara County Geologic Hazard Zones Combined Hazard Zones Map*. 2012.

The existing expansive on-site soils conditions discussed above would not be exacerbated by the project such that it would impact (or worsen) off-site conditions. **(Less than Significant Impact)**

| | |
|---|---|
| **Impact GEO-4:** | The project would not be located on expansive soil, as defined in the current California Building Code, creating substantial direct or indirect risks to life or property. **(Less than Significant Impact)** |

As discussed in Section 4.7.1.2, *Existing Conditions*, soils on-site have high expansion potential. Hazards associated with expansive soils would be reduced and managed with City adopted regulations and policies, in combination with the state building requirements. As a result, development of the proposed project would not expose future occupants of the site or nearby properties to hazards related to expansive soils. **(Less Than Significant Impact)**

| | |
|---|---|
| **Impact GEO-5:** | The project would not have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water. **(No Impact)** |

The project site is located within an urban area of Santa Clara where sewers are available to dispose wastewater from the project site. Therefore, the project site would not need to support septic tanks or alternative wastewater disposal systems. **(No Impact)**

| | |
|---|---|
| **Impact GEO-6:** | As mitigated, the project would not directly or indirectly destroy a unique paleontological resource or site or unique geological feature. **(Less than Significant Impact with Mitigation Incorporated)** |

Ground disturbing activities of 10 feet in depth or more at the site has the potential to impact undiscovered paleontological resources. While trenching/grading for utilities would excavate to only eight feet below ground surface, augered foundation piles would extend to a depth of 80 feet. Drilling activities associated with the proposed augered foundation piles has the potential to disturb paleontological resources, which would be considered in a significant impact.

**<u>Mitigation Measures:</u>**

**MM GEO-1.1:** Drilling activities associated with the proposed augered foundation piles shall be monitored by a qualified paleontologist. In the event paleontological resources are discovered all work shall be halted within 50 feet of the find and a Paleontological Resource Mitigation Plan shall be prepared by a qualified paleontologist to address assessment and recovery of the resource. A final report documenting any found resources, their recovery, and disposition shall be prepared in consultation with the Community Development Director and filed with the City and local repository.

With implementation of these measures, impacts to undiscovered paleontological resources would be less than significant. **(Less than Significant Impact with Mitigation)**

## 4.8 GREENHOUSE GAS EMISSIONS

### 4.8.1.1 *Background Information*

Gases that trap heat in the atmosphere, GHGs, regulate the earth's temperature. This phenomenon, known as the greenhouse effect, is responsible for maintaining a habitable climate. In GHG emission inventories, the weight of each gas is multiplied by its global warming potential (GWP) and is measured in units of $CO_2$ equivalents ($CO_2e$). The most common GHGs are carbon dioxide ($CO_2$) and water vapor but there are also several others, most importantly methane ($CH_4$), nitrous oxide ($N_2O$), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride ($SF_6$). These are released into the earth's atmosphere through a variety of natural processes and human activities. Sources of GHGs are generally as follows:

- $CO_2$ and $N_2O$ are byproducts of fossil fuel combustion.
- $N_2O$ is associated with agricultural operations such as fertilization of crops.
- $CH_4$ is commonly created by off-gassing from agricultural practices (e.g., keeping livestock) and landfill operations.
- Chlorofluorocarbons (CFCs) were widely used as refrigerants, propellants, and cleaning solvents, but their production has been stopped by international treaty.
- HFCs are now used as a substitute for CFCs in refrigeration and cooling.
- PFCs and $SF_6$ emissions are commonly created by industries such as aluminum production and semiconductor manufacturing.

An expanding body of scientific research supports the theory that global climate change is currently causing changes in weather patterns, average sea level, ocean acidification, chemical reaction rates, and precipitation rates, and that it will increasingly do so in the future. The climate and several naturally occurring resources within California are adversely affected by the global warming trend. Increased precipitation and sea level rise will increase coastal flooding, saltwater intrusion, and degradation of wetlands. Mass migration and/or loss of plant and animal species could also occur. Potential effects of global climate change that could adversely affect human health include more extreme heat waves and heat-related stress; an increase in climate-sensitive diseases; more frequent and intense natural disasters such as flooding, hurricanes and drought; and increased levels of air pollution.

### 4.8.1.2 *Regulatory Framework*

**State**

<u>Assembly Bill 32 (2006)</u>

Under the California Global Warming Solutions Act, also known as AB 32 (2006), CARB established a statewide GHG emissions cap for 2020, adopted mandatory reporting rules for significant sources of GHGs, and adopted a comprehensive plan, known as the Climate Change Scoping Plan, identifying how emission reductions would be achieved from significant GHG sources.

Senate Bill 32 (2016)

In 2016, SB 32 was signed into law, amending the California Global Warming Solution Act. SB 32, and accompanying Executive Order B-30-15, require CARB to ensure that statewide GHG emissions are reduced to 40 percent below the 1990 level by 2030. CARB updated its Climate Change Scoping Plan in December of 2017 to express the 2030 statewide target in terms of million metric tons of $CO_2E$ ($MMTCO_2e$). Based on the emissions reductions directed by SB 32, the annual 2030 statewide target emissions level for California is 260 $MMTCO_2e$.

Senate Bill 375

SB 375, known as the Sustainable Communities Strategy and Climate Protection Act, was signed into law in September 2008. SB 375 builds upon AB 32 by requiring CARB to develop regional GHG reduction targets for automobile and light truck sectors for 2020 and 2035. The per-capita GHG emissions reduction targets for passenger vehicles in the San Francisco Bay Area include a seven percent reduction by 2020 and a 15 percent reduction by 2035.

Consistent with the requirements of SB 375, the Metropolitan Transportation Commission (MTC) partnered with the Association of Bay Area Governments (ABAG), BAAQMD, and the Bay Conservation and Development Commission to prepare the region's Sustainable Communities Strategy (SCS) as part of the Regional Transportation Plan process. The SCS is referred to as Plan Bay Area 2040. Plan Bay Area 2040 establishes a course for reducing per-capita GHG emissions through the promotion of compact, high-density, mixed-use neighborhoods near transit, particularly within identified Priority Development Areas (PDAs).

**Regional and Local**

2017 Clean Air Plan

To protect the climate, the 2017 CAP (prepared by BAAQMD) includes control measures designed to reduce emissions of methane and other super-GHGs that are potent climate pollutants in the near-term, and to decrease emissions of carbon dioxide by reducing fossil fuel combustion.

CEQA Air Quality Guidelines

The BAAQMD CEQA Air Quality Guidelines are intended to serve as a guide for those who prepare or evaluate air quality impact analyses for projects and plans in the San Francisco Bay Area. The jurisdictions in the San Francisco Bay Area Air Basin utilize the thresholds and methodology for assessing GHG impacts developed by BAAQMD within the CEQA Air Quality Guidelines. The guidelines include information on legal requirements, BAAQMD rules, methods of analyzing impacts, and recommended mitigation measures.

### 4.8.1.3 *Existing Conditions*

Unlike emissions of criteria and toxic air pollutants, which have regional and local impacts, emissions of GHGs have a broader, global impact. Global warming is a process whereby GHGs accumulating in the upper atmosphere contribute to an increase in the temperature of the earth and changes in weather patterns.

## Other Implementing Laws and Regulations

There are a number laws that have been adopted as a part of the State of California's efforts to reduce GHG emissions and their contribution to climate change. State laws and regulations related to growth, development, planning and municipal operations in Santa Clara include, but are not limited to:

- California Mandatory Commercial Recycling Law (AB 341)
- California Water Conservation in Landscaping Act of 2006 (AB 1881)
- California Water Conservation Act of 2009 (SBX7-7)
- Various Diesel-Fuel Vehicle Idling regulations in Chapter 13 of the California Code of Regulations
- Building Energy Efficiency Standards (Title 24, Part 6)
- California Green Building Code (Title 24, Part 11)
- Appliance Energy Efficiency Standards (Title 20)

Implementation of the policies in the City's General Plan as a part of the City's development permitting and other programs provides for meeting building standards for energy efficiency, recycling, and water conservation, consistent with the laws and regulations designed to reduce GHG emissions.

## Local

City of Santa Clara General Plan

The Santa Clara 2010-2035 General Plan includes policies that address the reduction of GHG gas emissions during the planning horizon of the General Plan. Goals and policies that address sustainability (see Appendix 8.13: Sustainability Goals and Policies Matrix in the General Plan) are aimed at reducing the City's contribution to GHG emissions. As described below, the development of a comprehensive GHG emissions reduction strategy for the City is also included in the General Plan.

Climate Action Plan

The City of Santa Clara has a comprehensive GHG emissions reduction strategy (Climate Action Plan) to achieve its fair share of statewide emissions reductions for the 2020 timeframe consistent with AB 32, the Global Warming Solutions Act. The Climate Action Plan was adopted on December 3, 2013. The City of Santa Clara Climate Action Plan specifies the strategies and measures to be taken for a number of focus areas (coal-free and large renewables, energy efficiency, water conservation, transportation and land use, waste reduction, etc.) citywide to achieve the overall emission reduction target, and includes an adaptive management process that can incorporate new technology and respond when goals are not being met.

A key reduction measure that is being undertaken by the City of Santa Clara under the Climate Action Plan is in the *Coal-Free and Large Renewables* focus area. The City of Santa Clara operates Silicon Valley Power (SVP), a publicly owned utility that provides electricity for the community of Santa Clara, including the project site. Data centers constitute a large portion of the electricity used

in the City of Santa Clara; about 28 percent on average. Since nearly half (48 percent) of Santa Clara's GHG emissions result from electricity use, removing GHG-intensive sources of electricity generation (such as coal) is a major focus area in the Climate Action Plan for achieving the City's GHG reduction goals.

CEQA clearance for all discretionary development proposals are required to address the consistency of individual projects with reduction measures in the Climate Action Plan and goals and policies in the General Plan designed to reduce GHG emissions. Compliance with appropriate measures in the Climate Action Plan would ensure an individual project's consistency with an adopted GHG reduction plan.

In December 2018, SVP published an updated Strategic Plan that outlines goals and actions for achieving 2030 GHG emission reductions consistent with the legislation described above. All electricity from SVP has been coal-free since January 2018. SVP's 2018 Integrated Resource Plan lays out needed steps to meet the 50 percent Renewable Portfolio Standard set by SB 32. SVP plans to exceed the 50 percent target.[36]

#### 4.8.1.4 *Existing GHG Emission from the Project Site*

The project site is currently developed with a one-story, 23,765 sf industrial building. The main source of GHG emissions associated with the existing uses on-site is the electricity use of the existing building. Additional emissions also result from vehicle trips associated with the building's daily operations.

### 4.8.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 1) Generate greenhouse gas (GHG) emissions, either directly or indirectly, that may have a significant impact on the environment? | ☐ | ☐ | ☒ | ☐ |
| 2) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of GHGs? | ☐ | ☐ | ☒ | ☐ |

GHG emissions worldwide contribute, on a cumulative basis, to the significant adverse environmental impacts of global climate change. No single land use project could generate sufficient GHG emissions on its own to noticeably change the global average temperature. The combination of GHG emissions from past, present, and future projects in Santa Clara, the entire state of California, and across the nation and around the world, contribute cumulatively to the phenomenon of global climate change and its associated environmental impacts.

[36] Silicon Valley Power. 2018 Integrated Resource Plan. November 12, 2018. Available at: http://www.siliconvalleypower.com/home/showdocument?id=62481.

Per the CEQA Guidelines, a lead agency may analyze and mitigate significant GHG emissions in a plan for the reduction of GHG emissions that has been adopted in a public process following environmental review. The City of Santa Clara adopted its Climate Action Plan (a GHG reduction strategy) in 2013 in conformance with its most recent General Plan Update. The City's projected emissions and the Climate Action Plan are consistent with measures necessary to meet statewide 2020 goals established by AB 32 and addressed in the Climate Change Scoping Plan. For projects that would be operational by the end of 2020, the threshold of significance for whether a development project in the City of Santa Clara would generate GHG emissions that would have a significant impact on the environment therefore would be whether or not the project conforms to the applicable reduction measures in the City's Climate Action Plan. Because the project would not become operational prior to the end of 2020, consistency with the CAP cannot be used to determine significance under CEQA. The project, however, would still be required to be consistent with the requirements of the CAP, and implementation of required Climate Action Plan measures would reduce GHG emissions from the project.

| | |
|---|---|
| **Impact GHG-1:** | The project would not generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment. (**Less Than Significant Impact)** |

**Overview of GHG Emissions**

GHG emissions from the proposed project would consist of emissions from vehicle trips to and from the building and emissions related to the generation of electricity used in the data center building. Data centers are an energy-intensive land use, requiring more electricity than other types of development. The primary function of the data center is to house computer servers, which require electricity and cooling 24 hours a day to operate.

Silicon Valley Power Electricity Generation

Electricity for the data center facility is provided by SVP, which is the public electric utility of the City of Santa Clara. Santa Clara currently has ownership interest, or has purchase agreements for 1,079.15 megawatts (MW) of electricity.[37] In 2017, approximately 38 percent of that generation is eligible as renewable (as defined by the California Energy Commission) and an additional 34 percent is otherwise a non-GHG emitting resource (i.e. large-hydroelectric).[38] This capacity far exceeds City of Santa Clara's current peak electricity demand of approximately 526.2 MW. No new generation peak capacity is necessary to meet the capacity requirements of new construction, or redeveloped facilities within the City to meet the near or projected future demand.

The City of Santa Clara follows the State's preferred loading order in procuring new energy resources. First, the current load (customer) is encouraged to participate in energy efficiency programs to reduce their usage, thus freeing up existing resources (and any related emissions) for the new load (electricity demand). In addition, the City of Santa Clara encourages the use of renewable resources and clean distributed generation, and has seen a significant increase in its applications for

[37] Silicon Valley Power, City of Santa Clara. The Silicon Valley Power Resources Map. Accessed: June 21, 2019. Available at: http://www.siliconvalleypower.com/home/showdocument?id=5763.
[38] Silicon Valley Power. "Power Content Label". Accessed: June 21, 2019. Available at: http://siliconvalleypower.com/svp-and-community/about-svp/power-content-label

large and small rooftop photovoltaics (PV). Demand displaced by customer-based renewable projects is also available to meet new load requests.

The City of Santa Clara seeks to meet its Renewable Portfolio Standard (RPS) through the addition of new renewable resources. In order to meet anticipated increases in energy needs (as separate from peak generation capacity requirements) the City of Santa Clara has contracted for additional wind energy including the Big Horn II Wind Project that would provide the City of Santa Clara up to an additional 17.5 MW of GHG-emission-free electricity.

SVP has a lower emission rate than the statewide California power mix because it utilizes a much higher portion of renewable sources. A comparison of SVP's and the statewide power mix is shown in Table 4.8-1.

**Table 4.8-1: Comparison of SVP And Statewide Power Mix**

| Energy Resources | 2017 SVP Power Mix | 2017 CA Power Mix (For Comparison) |
|---|---|---|
| Eligible Renewables (Biomass & Waste, Geothermal, Eligible Hydro, Solar, Wind) | 38% | 29% |
| Coal | 9% | 4% |
| Large Hydro | 34% | 15% |
| Natural Gas | 16% | 34% |
| Nuclear | 0% | 9% |
| Other | 0% | <1% |
| Unspecified Source of Power (Not Traceable to Specific Sources) | 3% | 9% |
| Total | 100.0% | 100.0% |

It is important to note that SVP's carbon intensity factor for electricity generation would continue to change as SVP's power mix continues to reduce the percentage of electricity produced by coal-fired power plants and increase the use of renewable resources. As noted above, electricity from SVP has been coal-free since January 2018, and SVP has committed to increase large renewables power generation as a part of the City's Climate Action Plan.

### Proposed Efficiency Measures

Overview: Power Usage Effectiveness During Operation

Power Usage Effectiveness, or PUE, is a metric used to compare the efficiency of facilities that house computer servers. PUE is defined as the ratio of total facility energy use to Information Technology (IT) (i.e., server) power draw (e.g., PUE = Total Facility Source Energy/ IT Source Energy). For example a PUE of two (2), means that the data center or laboratory must draw two (2) watts of electricity for every one (1) watt of power consumed by the IT/server equipment. It is equal to the total energy consumption of a data center (for all fuels) divided by the energy consumption used for the IT equipment. The ideal PUE is one (1) where all power drawn by the facility goes to the IT infrastructure. The average annual PUE for the project would be 1.2, which is considered

efficient. Based on industry surveys, the average PUE for data centers is 1.67, although newly constructed data centers typically have PUEs ranging from 1.1 to 1.4.[39]

Energy and Water Use Efficiency Measures in Building Design

Due to the heat generated by the data center equipment, cooling is one of the main uses of electricity in data center operations. In order to reduce GHG emissions and reduce the use of energy related to building operations, the project proposes to implement the following efficiency measures:

- Evaporative cooling instead of mechanical cooling for IT and electrical rooms.
- Daylight penetration to common areas.
- Reflective roof surface.
- Meet or exceed Title 24 requirements.
- Clean air vehicle parking.
- Low flow plumbing fixtures.
- Landscaping would meet City of Santa Clara requirements for low water use.

**Construction-Related Emissions**

GHG emissions associated with construction were computed to be 289 MT of $CO_2e$ for the total construction period. These are the emissions from on-site operation of construction equipment, vendor and hauling truck trips, and worker trips. Neither the City of Santa Clara nor BAAQMD have a threshold for construction emissions. These emissions would be temporary in nature and would be less than the indirect emissions associated with operation of the proposed uses. Construction emissions would occur during building construction, trenching and minor paving and landscape installation.

As a Best Management Practice (BMP), the project would participate in the City's Construction and Demolition Debris Recycling Program by recycling or diverting at least 50 percent of materials generated for discards by the project in order to reduce the amount of demolition and construction waste going to the landfill.

**Data Center Operational Emissions**

SVP's carbon intensity factor for was determined to be 341 pounds of CO2e per MWh in 2019, and projected to be 271 pounds of CO2e per MWh in 2021.[40] SVP's carbon intensity factor for electricity generation will continue to change as SVP's power mix continues to reduce the percentage of electricity produced by coal-fired power plants and increase the use of renewable resources. As noted above, the City and SVP have committed to be coal-free and increased large renewables power generation as a part of the City's CAP.

Project Electricity Usage. Data centers are an energy-intensive land use, requiring more electricity than other types of development. The primary function of the data center is to house computer

[39] Uptime Institute. Annual Data Center Survey Results - 2019. Available at: https://datacenter.com/wp-content/uploads/2019/06/data-center-survey-2019.pdf
[40] Kathleen Hughes, City of Santa Clara. Personal Communication. February 6, 2019.

servers, which require electricity and cooling 24 hours a day to operate. On an annual basis, the data center would consume up to the maximum electrical usage of 89,352 MWh per year. The project's annual GHG emissions related to electricity use would be about 43.5 percent less per year by using SVP's power mix than if the California statewide average power mix was used.

Generator Emissions from Routine Testing

The consumption of diesel fuel to test the backup generators would result in direct $CO_2$ emissions. On an annual basis, the project's total operational emissions related to emergency backup generator maintenance and testing use would be approximately 522 metric tons of $CO_2e$ per year.

Project Mobile Emission Sources. Using standard trip generation rates for data centers published by the Institute of Transportation Engineers (ITE, Land Use Code 160), the project could generate up to 120 daily vehicle trips. This represents a conservative estimate as it does not account for the elimination of existing vehicle trips associated with the project site.

Project Water Consumption and Waste Generation. Water consumption results in indirect emissions from electricity usage for water conveyance and wastewater treatment. The project would generate a water demand of approximately 812,000 gallons of water per year.

Total GHG emissions generated by the project are summarized in Table 4.8-2.

**Table 4.8-2: GHG Emissions**

| Source | Annual Emissions (Metric Tons of $CO_2e$) |
|---|---|
| Energy Use[1] | 9,596 |
| Generator Testing/Maintenance | 522 |
| Mobile Sources[2] | 128 |
| Water Use | 1 |
| Waste Generation | 76 |
| **Total** | **10,323** |

Notes:
[1] Based on projected 2021 SVP carbon intensity factor of 271 pounds of $CO_2e$ per MWh.
[2] Based on ITE trip rates for Data Center (Land Use Code 160) applied to a 121,170 square foot data center with default CalEEMod mobile emission factors for General Light Industrial land uses.

As shown in Table 4.8-2, the primary source of GHG emissions from the project is electricity use. As described above, electricity to the project would be provided by SVP, a utility that is on track to meet the 2030 GHG emissions reductions target established by SB 32. To reduce GHG emissions and the use of energy related to building operations, the project includes a variety of energy efficiency measures, as described above. The project would comply with all applicable City and state green building measures, including Title 24, Part 6, California Energy Code baseline standard requirements for energy efficiency, based on the 2019 Energy Efficiency Standards requirements, and the 2019 California Green Building Standards Code, commonly referred to as CALGreen (California Code of Regulations, Part 11). Because the project would receive electricity from a utility on track to meet the SB 32 2030 GHG emission reduction target, would result in lower emissions (43.5 percent) than the statewide average for an equivalent facility due to SVP's power mix, would include energy efficiency measures to reduce emissions to the extent feasible, and would be consistent with applicable plans and policies adopted to reduce GHG emissions, the project would

not generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment. **(Less Than Significant Impact)**

| | |
|---|---|
| **Impact GHG-2:** | The project would not conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of GHGs. **(Less Than Significant Impact)** |

**Santa Clara Climate Action Plan**

As described previously, the *City of Santa Clara Climate Action Plan* was adopted in December 2013. The Climate Action Plan, which is part of the City's General Plan, identifies a series of GHG emissions reduction measures to be implemented by development projects that would allow the City to achieve its GHG reduction goals. The measures center around seven focus areas: coal-free and large renewables, energy efficiency, water conservation, waste reduction, off-road equipment, transportation and land use, and urban heat island effect.

The Climate Action Plan includes measures applicable to City government, existing development and new development projects in Santa Clara. The project's conformance with applicable reduction measures for new development in the CAP are discussed below.

Energy Efficiency Measures

*Measure 2.3 Data Centers* calls for completion of a feasibility study of energy efficient practices for new data center projects with an average rack power rating[41] of 15 kilowatts or more to achieve a power usage effectiveness (PUE) of 1.2 or lower. The average rack power rating of the proposed data center would be eight kW. The PUE of the proposed data center would be 1.2, which meets the goal of Measure 2.3.

Water Conservation Measures

*Measure 3.1 Water Conservation* calls for a reduction in per capita water use to meet Urban Water Management targets by 2020. Development standards for water conservation would be applied to increase efficiency in indoor and outdoor water use areas. Water conservation measures include the use of:

- recycled or non-potable graywater for landscape irrigation;
- water efficient landscaping with low water usage plant material to minimize irrigation requirements; and
- ultra-low flow toilets and plumbing fixtures in the building.

[41] Average rack power rating is a measure of the power available for use on a rack used to store computer servers. The higher the value of kilowatts, the greater power density per rack and generally more energy use per square foot of building area in a data center.

Waste Reduction Measures

*Measure 4.2 Increased Waste Diversion* calls for an increase in solid waste diversion rate through recycling efforts, curbside food waste pickup, and construction and demolition waste programs. The project would divert construction and demolition waste during project construction to help the City reach its 80 percent waste diversion rate.

Off-Road Equipment

*Measure 5.2 Alternative Construction Fuels* requires construction projects to comply with BAAQMD best management practices, including alternative-fueled vehicles and equipment. The project would adopt BAAQMD best management practices, as described in *Section 4.3 Air Quality*.

Transportation and Land Use

*Measure 6.1 Transportation Demand Management Program* requires new development located in the City's transportation districts to implement a transportation demand program (TDM) to reduce drive-alone trips. The project site is located within Transportation District 1 – North of Caltrain. Based on Table 9: Minimum Vehicle Miles Traveled Reduction Requirements by Transportation District and Land Use Designation of the Climate Action Plan, the project would be required to have a 25 percent vehicle miles traveled (VMT) reduction, with 10 percent coming from TDM measures. The project would be required to comply with General Plan Policy 5.8.5-P1, which requires new development to implement TDM programs that can include site-design measures, including preferred carpool and vanpool parking, enhanced pedestrian access, bicycle storage and recreational facilities.

### Applicable General Plan Policies

In addition to the reduction measures in the Climate Action Plan, the City of Santa Clara General Plan has goals and policies to address sustainability (see Appendix 8.13: Sustainability Goals and Policies Matrix in the General Plan) aimed at reducing the City's contribution to GHG emissions. For the proposed project, implementation of policies that increase energy efficiency or reduce energy use would effectively reduce indirect GHG emissions associated with energy generation. The consistency of the proposed project with the Land Use, Air Quality, Energy, and Water Policies of the General Plan is described in Table 4.8-3.

### Bay Area 2017 Clean Air Plan

The Bay Area 2017 Clean Air Plan includes performance objectives, consistent with the State's climate protection goals under AB 32, SB 375, and SB 32, designed to reduce emissions of GHG emissions to 1990 levels by 2020 and 40 percent below 1990 levels by 2030. The 2017 Clean Air Plan identifies a range of control measures that make up the Clean Air Plan's control strategy for emissions, including GHGs.

Due to the relatively high electrical demand of the data center uses on the site, energy efficiency measures have been included in the design and operation of the electrical and mechanical systems on the site. This is in keeping with the general purpose of Energy Sector Control Measures in the Clean Air Plan.

**Plan One Bay Area/ California Senate Bill 375 –**
**Redesigning Communities to Reduce Greenhouse Gases**

Under the requirements of SB 375, the Metropolitan Planning Organizations (MPO) in partnership with ABAG have developed a Sustainable Community Strategy with the adopted *Plan One Bay Area* to achieve the Bay Area's regional GHG reduction target. Targets for the MTC in the San Francisco Bay Area, originally adopted in September 2010 by CARB, include a seven (7) percent reduction in GHG per capita from passenger vehicles by 2020 compared to emissions in 2005. The adopted target for 2035 is a 15 percent reduction per capita from passenger vehicles when compared to emissions in 2005. The emission reduction targets are for those associated with land use and transportation strategies only.

The project has a low concentration of employment and would not contribute to a substantial increase in passenger vehicle travel within the region.

**Table 4.8-3: General Plan Sustainability Policies**

| Emission Reduction Policies | Project Consistency |
|---|---|
| **Air Quality Policies** | |
| 5.10.2-P3 Encourage implementation of technological advances that minimize public health hazards and reduce the generation of air pollutants. | The project proposes to use emergency generators with advanced air pollution controls.<br><br>The generator testing schedule includes measures to reduce local air quality impacts. |
| 5.10.2-P4 Encourage measures to reduce GHG emissions to reach 30 percent below 1990 levels by 2020. | Water conservation and energy efficiency measures included in the project would reduce GHG emissions associated with the generation of electricity |
| **Energy Policies** | |
| 5.10.3-P1 Promote the use of renewable energy resources, conservation and recycling programs. | The project would divert at least 50 percent of construction waste.<br><br>The project would utilize lighting control to reduce energy usage for new exterior lighting and air economization for building cooling. Water efficient landscaping and ultra-low flow plumbing fixtures in the building would be installed to limit water consumption. |
| 5.10.3-P4 Encourage new development to incorporate sustainable building design, site planning and construction, including encouraging solar opportunities. | |
| 5.10.3-P5 Reduce energy consumption through sustainable construction practices, materials and recycling. | |

| Table 4.8-3: General Plan Sustainability Policies | |
|---|---|
| **Emission Reduction Policies** | **Project Consistency** |
| 5.10.3-P6 Promote sustainable buildings and land planning for all new development, including programs that reduce energy and water consumption in new development. | |
| 5.10.3-P8 Provide incentives for LEED certified, or equivalent development. | |
| **Water Policies** | |
| 5.10.4-P7 Require installation of native and low-water consumption plant species with landscaping new development and public spaces to reduce water usage. | The project would use water efficient landscaping with low water usage plant material to minimize irrigation requirements. |

### Applicable State Climate Change Strategies and Policies

In 2008, the Governor of California issued Executive Order S-13-08 that specifically asked the Natural Resources Agency to identify how State agencies can respond to rising temperatures, changing precipitation patterns, sea level rise, and extreme natural events. The 2009 *California Climate Adaptation Strategy* was developed in response to the executive order. Adaptation to projected sea level rise is addressed in *Section 4.9 Hydrology and Water Quality*.

The CARB-approved *Climate Change Scoping Plan* outlines a comprehensive set of actions intended to reduce overall GHG emissions in California, improve the environment, reduce dependence on oil, diversify California's energy sources, save energy, create new jobs, and enhance public health. Actions associated with energy efficiency standards and renewables portfolio standards are measures that would most greatly influence GHG emissions of the project over time.

The project would be generally consistent with the Climate Change Scoping Plan, as updated, and appropriate GHG Control Measures in the Bay Area 2017 Clean Air Plan (as discussed above). As discussed above, the project would not conflict with plans, policies or regulations adopted for the purpose of reducing the emissions of GHG. Therefore, the project would not conflict with any currently adopted local plans, policies, or regulations pertaining to GHG emissions and would not generate GHG emissions that would have a significant impact on the environment. **(Less than Significant Impact)**

## 4.9 HAZARDS AND HAZARDOUS MATERIALS

The discussion in this section is based in part upon a Phase I Environmental Site Assessment prepared for the project by Partner Engineering and Science, Inc. in September 2018. A copy of this report is included in Appendix D of this IS.

### 4.9.1 Environmental Setting

#### 4.9.1.1 *Regulatory Framework*

**Overview**

The storage, use, generation, transport, and disposal of hazardous materials and waste are highly regulated under federal and state laws. Federal regulations and policies related to development include the Comprehensive Environmental Response, Compensation, and Liability Act, commonly known as Superfund, and the Resource Conservation and Recovery Act. In California, the EPA has granted most enforcement authority over federal hazardous materials regulations to the California Environmental Protection Agency (CalEPA). In turn, local agencies have been granted responsibility for implementation and enforcement of many hazardous materials regulations under the Certified Unified Program Agency (CUPA) program.

Worker health and safety and public safety are key issues when dealing with hazardous materials. Proper handling and disposal of hazardous material is vital if it is disturbed during project construction. Cal/OSHA enforces state worker health and safety regulations related to construction activities. Regulations include exposure limits, requirements for protective clothing, and training requirements to prevent exposure to hazardous materials. Cal/OSHA also enforces occupational health and safety regulations specific to lead and asbestos investigations and abatement.

**Federal and State**

Federal Aviation Regulations Part 77

Federal Aviation Regulations, Part 77 Objects Affecting Navigable Airspace (FAR Part 77) sets forth standards and review requirements for protecting the airspace for safe aircraft operation, particularly by restricting the height of potential structures and minimizing other potential hazards (such as reflective surfaces, flashing lights, and electronic interference) to aircraft in flight. These regulations require that the Federal Aviation Administration (FAA) be notified of certain proposed construction projects located within an extended zone defined by an imaginary slope radiating outward for several miles from an airport's runways, or which would otherwise stand at least 200 feet in height above the ground.

Government Code Section 65962.5

Section 65962.5 of the Government Code requires CalEPA to develop and update a list of hazardous waste and substances sites, known as the Cortese List. The Cortese List is used by state and local agencies and developers to comply with CEQA requirements. The Cortese List includes hazardous substance release sites identified by the Department of Toxic Substances Control (DTSC), State

Water Resources Control Board (SWRCB), and Santa Clara County. The project site is not on the Cortese List.[42]

California Accidental Release Prevention Program

The California Accidental Release Prevention (CalARP) Program aims to prevent accidental releases of regulated hazardous materials that represent a potential hazard beyond the boundaries of property. Facilities that are required to participate in the CalARP program use or store specified quantities of toxic and flammable substances (hazardous materials) that can have off-site consequences if accidentally released. The City of Santa Clara Fire Department reviews CalARP risk management plans as the Certified Unified Program Agency (CUPA).

Asbestos-Containing Materials

Friable asbestos is any asbestos containing material (ACM) that, when dry, can easily be crumbled or pulverized to a powder by hand, allowing the asbestos particles to become airborne. Common examples of products that have been found to contain friable asbestos include acoustical ceilings, plaster, wallboard, and thermal insulation for water heaters and pipes. Common examples of non-friable ACMs are asphalt roofing shingles, vinyl floor tiles, and transite siding made with cement. The EPA phased out use of friable asbestos products between 1973 and 1978. National Emission Standards for Hazardous Air Pollutants guidelines require that potentially friable ACMs be removed prior to building demolition or remodeling that may disturb the ACMs.

CCR Title 8, Section 1532.1

The United States Consumer Product Safety Commission banned the use of lead-based paint in 1978. Removal of older structures with lead-based paint is subject to requirements outlined by Cal/OSHA Lead in Construction Standard, CCR Title 8, Section 1532.1 during demolition activities. Requirements include employee training, employee air monitoring, and dust control. If lead-based paint is peeling, flaking, or blistered, it is required to be removed prior to demolition.

### Regional and Local

Municipal Regional Permit Provision C.12.f

Polychlorinated biphenyls (PCBs) were produced in the United States between 1955 and 1978 and used in hundreds of industrial and commercial applications, including building and structure materials such as plasticizers, paints, sealants, caulk, and wood floor finishes. In 1979, the EPA banned the production and use of PCBs due to their potential harmful health effects and persistence in the environment. PCBs can still be released to the environment today during demolition of buildings that contain legacy caulks, sealants, or other PCB-containing materials.

With the adoption of the San Francisco Bay Region Municipal Regional Stormwater National Pollutant Discharge Elimination System (NPDES) Permit (MRP) by the San Francisco Bay Regional Water Quality Control Board on November 19, 2015, Provision C.12.f requires that permittees develop an assessment protocol methodology for managing materials with PCBs in applicable

[42] CalEPA. "Cortese List Data Resources." Accessed October 22, 2019. https://calepa.ca.gov/sitecleanup/corteselist.

structures planned for demolition to ensure PCBs do not enter municipal storm drain systems.[43] Municipalities throughout the Bay Area are currently modifying demolition permit processes and implementing PCB screening protocols to comply with Provision C.12.f. As of July 1, 2019, buildings constructed between 1955 and 1978 that are proposed for demolition must be screened for the presence of PCBs prior to the issuance of a demolition permit.

Norman Y. Mineta San José International Airport Comprehensive Land Use Plan

The project site is located approximately 0.6 miles northwest of the San José International Airport, and is located within the Airport Influence Area (AIA) defined by the Santa Clara County Airport Land Use Commission's Comprehensive Land Use Plan (CLUP) for the San José International Airport.

Federal Aviation Administration Regulations

Federal Aviation Regulations, Part 77, "Objects Affecting Navigable Airspace" (FAR Part 77) sets forth standards and review requirements for protecting the airspace for safe aircraft operation, particularly by restricting the height of potential structures and minimizing other potential hazards (such as reflective surfaces, flashing lights, and electronic interference) to aircraft in flight. These regulations require that the FAA be notified of certain proposed construction projects located within an extended zone defined by an imaginary slope radiating outward for several miles from an airport's runways.

Santa Clara Emergency Operations Plan

In June 2016, the City of Santa Clara adopted an Emergency Operations Plan (EOP) to address the planned response of the City of Santa Clara to emergency situations associated with natural disasters and technological incidents, as well as chemical, biological, radiological, nuclear and explosive emergencies. The EOP establishes the emergency organization, assign tasks, specifies policies and general procedures, and provides for coordination of planning efforts for emergency events such as earthquake, flooding, dam failure, and hazardous materials responses.

#### 4.9.1.2 *Existing Conditions*

**Project Site**

The approximately 1.38-acre project site is approximately 35 feet above mean sea level (amsl) with a topographic gradient sloping north. Groundwater in the project area flows in the northeast direction. Based on groundwater monitoring activities, groundwater has been encountered at the site at approximately eight feet below ground surface. Fluctuations in groundwater levels may occur seasonally and over a period of years due to precipitation, temperature and irrigation.

The site is currently developed with a one-story, 23,765 sf industrial building and paved surface parking lot. The property is currently occupied by Qual Tech Circuits, Inc (1101 Comstock Street) and Light Streams (1111 Comstock Street) for industrial use. Qual Tech Circuits, Inc. occupies the east portion of the building and operates as a circuit board manufacturing facility. The unit consists

[43] California Regional Water Quality Control Board. *San Francisco Bay Region Municipal Regional Stormwater NPDES Permit.* November 2015.

of an office area, planting area, oven room, photo processing room, developer/screening room, laminating room, and etching room. Onsite operations include electroplating and anodizing of circuit boards, laser and manual etching, backup diesel generator maintenance, building maintenance, wastewater treatment system operations and photo processing. Light Streams occupies the west side of the building and operates as a ceramic manufacturing facility. The unit consists of an office area, kiln area, and warehouse storage area. Onsite operations include typical office activities, building maintenance activities, ceramic storage, cutting, and kiln-firing activities.

Due to the age of the current facility, there is a potential that asbestos-containing material (ACM) and/or lead-based paint (LBP) are present.

**Surrounding Properties**

The immediately surrounding properties consist of an industrial building occupied by Digital Reality (1100 Space Park Drive) to the north; Comstock Street and Central Expressway to the south, beyond which is a multi-building industrial complex occupied by Owens Corning (960 Central Expressway); a one-story industrial building occupied by Trescal (1152 Comstock Street) to the east; and a two-story industrial building occupied by Digital Reality (1201 Comstock Street) to the west.

#### 4.9.1.3 *Historic Conditions*

As part of the Phase I ESA, a land use history of the site and surrounding uses was complied.

**Project Site**

The project site was developed with agricultural land between 1899 and 1939. Between 1950 and 1956 the site was developed with approximately six structures, likely agricultural in use. The site was redeveloped with the current structure in 1974.

**On-Site Contamination Sources**

A review of environmental databases and records managed by federal, state and local agencies was completed for the project site and surrounding properties. The review was completed as part of the Phase I ESA to identify hazardous materials or chemical concerns on the site and surrounding properties. The project site's listings are summarized in Table 4.9-1.

**Table 4.9-1: Project Site Listings on Regulatory Databases**

| Database Listing | Site Description | Potential Impact |
|---|---|---|
| Waste Discharge System (WDS), Resource Conservation and Recovery Act- Large Quantity Generator (RCRA-LQG), California Environmental Reporting System Hazardous Waste (CERS Haz Waste) and California Environmental Reporting System Hazardous | The subject property, identified as Qual Tech, Inc. at 1101 Comstock Street, is listed under the RCRALQG database as manifesting arsenic, chromium, lead, aqueous solution with metals, other inorganic solid waste, spent cyanide plating bath solutions, and wastewater | Based on onsite observations and extended time period that this tenant has operated as a circuit board manufacturing business, this listing is not expected to represent a significant concern at this time. |

| Table 4.9-1: Project Site Listings on Regulatory Databases | | |
|---|---|---|
| **Database Listing** | **Site Description** | **Potential Impact** |
| Waste (CERS Haz Waste) and California Environmental Reporting System (CERS) | treatment sludge from 2006 to 2015 (CAL EPA I.D # CAR000450022). In addition, the subject property is listed as operating an active waste discharge system. Only minor administrative violations are listed within the CERS and CERS Hazwaste databases. | |
| RCRA-LQG | The subject property, identified as Quick Turn Circuit Link at 1101 Comstock Street, is listed under the RCRA – LQG database as manifesting unspecified hazardous materials in 2002 (CAL EPA I.D #CAR000945922). Based on onsite observations this facility appears to be no longer active. | Based on the inactive status of the business and lack of documented releases within the local regulatory agency records review, this listing is not expected to represent a significant environmental concern. |
| Resource Conservation and Recovery Act – Small Quantity Generator (RCRA-SQA), Facilty Index System (FINDS), and Enforcement Compliance History Online (ECHO) | The subject property, identified as Advance Circuits, Inc. at 1111 Comstock Street, is listed under the RCRA – SQG database as manifesting unspecified hazardous materials in 1996 (CAL EPA I.D #CAD098537004). In addition, this site is listed as a historic RCRA – LQG in 1980. No pertinent information on the subject property is available within the FINDS or ECHO databases. | Based on subsequent subsurface investigations conducted on the subject property and facility closure this listing is not expected to represent a significant environmental concern. |

**Off-Site Contamination Sources**

An EDR search performed in the 2018 Phase I Environmental Site Assessment identified neighboring properties with the potential to affect the project site from previous environmental contamination or hazardous material storage. Of the three sites identified, only one is located upgradient of the subject property. The three sites that have the potential to affect the project site include:

- 1201 Comstock Partners (1201 Comstock Street) – listed as utilizing an unspecified number of above ground petroleum tanks. Only minor administrative violations were reported on the CERS Tank, CERS, and CERS Hazmat databases. No unauthorized releases or spills are reported on the EDR, the Regional Water Quality Control Board's GeoTracker website, or

the Department of Toxic Substance Control's EnviroStar website. The property is unlikely to pose an environmental concern to the project site.

- LLC and TATA Communications (1100 Space Park Drive) – listed as manifesting liquids with halogenated organic compounds less than or equal to 1,000 mg/L in 2014 (CAL EPA #: CAD059494310). The site is listed as an emitter of total organic hydrocarbon gases, reactive organic gases, carbon monoxide, oxides of nitrogen, oxides of Sulphur, and particulate matter from 2005 to 2016. The site is listed as utilizing an unspecified number of aboveground storage tanks and underground storage tanks on site. Only minor administrative violations were reported on the CERS Tank, CERS, and CERS Hazmat databases. No unauthorized releases or spills are reported on EDR, the Regional Water Quality Control Board's GeoTracker website, or the Department of Toxic Substance Control's (DTSC) EnviroStor website. Based on the perceived hydraulic gradient (down), regulatory oversight and lack of documented releases, the property is unlikely to pose an environmental concern to the project site.

- Owens Corning (960 Central Expressway) – listed as RCRA-SQG of degreasing sludge, ignitable hazardous waste, barium, cadmium, chromium, lead, mercury, silver, methyl ethyl ketone, spent halogenated solvents, corrosive waste, waste oil and mixed oil, unspecified oil containing waste, aqueous solution with total organic residues less than 10 percent, oxygenated solvents, other organic solids, other inorganic solid waste, and hydrocarbon solvents from 1993 to 2016 (CAL EPA I.D # CAD009452657). The site is listed as an emitter of total organic hydrocarbon gases, reactive organic gases, carbon monoxide emissions, oxides of nitrogen, oxides of Sulphur, and particulate matter from 1987 to 2016. This site is listed as an active industrial waste discharge facility. This site is listed as utilizing a 20,000-gallon AST containing unspecified materials. This site is listed under the historic UST database as utilizing a 4,000-gallon gasoline UST installed in 1980 and a 2,000-gallon UST installed in 1980 and containing unspecified hazardous materials. The site is listed as a "case closed" LUST cleanup site. The site is listed as an "open assessment" SLIC cleanup site. Groundwater sampling was conduced on site until 2012. The most recent groundwater data shows that concentrations of trichloroethene, tetrachloroethene, cis-1,2-Dichloroethen (cis-1,2-DCE), and vinyl chloride still exist onsite and exceed their environmental screening levels. Historical groundwater records reportedly show that the wells still containing concentrations that exceed their respective ESLs have stabilized and are not increasing, and that VOC plume is not migrating off the property. Based on the analytical data, regulatory oversight, and projected contamination plume, the SLIC cleanup site is unlikely to pose an environmental concern to the project site.

#### 4.9.1.4 *Other Hazards*

**Airport**

The project site is located approximately 0.6 miles northwest of the San José Norman Y. Mineta International Airport. The project site is located within the Airport Influence Area (AIA) defined by the Santa Clara County Airport Land Use Commission's Comprehensive Land Use Plan (CLUP) for the San José International Airport. Development within the AIA can be subject to hazards from aircraft and also pose hazards to aircraft travelling to and from the airport. The AIA is a composite

of areas surrounding the airport that are affected by noise, height and safety considerations. These hazards are addressed in Federal and State regulations as well as in land use regulations and policies in the CLUP. The most recent CLUP for the Airport was adopted in 2011 and updated in 2016.

As described previously, Federal Aviation Regulations, Part 77, "Objects Affecting Navigable Airspace" (referred to as FAR Part 77), requires that the Federal Aviation Administration (FAA) be notified of certain proposed construction projects located within an extended zone defined by an imaginary slope radiating outward for several miles from an airport's runways, or which would otherwise stand at least 200 feet in height above ground. The San José Airport released a contour map which includes height restrictions for new developments that could be a hazard to aircraft safety and would require FAA notification under FAR Part 77. For the project site, any structure exceeding 30 feet in height above grade would require submittal to the FAA for airspace safety review.[44] The proposed building would be approximately 80 feet in height, with parapets extending to a height of 87.5 feet and a metal roof screen extending to a height of 98 feet to shield mechanical equipment. As a result, notification to the FAA is required to determine the potential for the project to create an aviation hazard.

The project site is within Airport Safety Zones Traffic Pattern Zone (TPZ). The TPZ does not limit population density, but does require that at least 10 percent of the gross area be devoted to open space. In addition, sports stadiums and similar uses with very high concentrations of people (greater than 20,000) are prohibited.

The project site is not located in the vicinity of a private airstrip.

### Wildfire Hazards

The project site is located in an urbanized area of Santa Clara. According to the California Department of Forestry and Fire Protection (CAL FIRE), the project site is not located within a moderate, high, or very high fire hazard severity zone.[45]

[44] Norman Y. Mineta San José International Airport. "Notice Requirement Criteria for Filing FAA Form 7460-1". September 2013.
[45] CAL FIRE. "Draft Fire Hazard Severity Zones." Accessed October 29, 2019. http://frap.fire.ca.gov/webdata/maps/statewide/fhszl06_1_map.jpg.

### 4.9.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 1) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? | ☐ | ☐ | ☒ | ☐ |
| 2) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? | ☐ | ☐ | ☒ | ☐ |
| 3) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? | ☐ | ☐ | ☒ | ☐ |
| 4) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, will it create a significant hazard to the public or the environment? | ☐ | ☐ | ☐ | ☒ |
| 5) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, result in a safety hazard or excessive noise for people residing or working in the project area? | ☐ | ☐ | ☒ | ☐ |
| 6) Impair implementation of, or physically interfere with, an adopted emergency response plan or emergency evacuation plan? | ☐ | ☐ | ☐ | ☒ |
| 7) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires? | ☐ | ☐ | ☐ | ☒ |

**Impact HAZ-1:** The project would not create a significant hazard to the public or the environment through routine transport, use, or disposal of hazardous materials. **(Less than Significant Impact)**

Fuel for the generators would be stored in two 30,000-gallon underground storage tanks which would feed individual 160-gallon daytanks located adjacent to each generator. The tanks would be double-walled and have leak detection systems. Some oils and lubricants could be stored on-site for maintenance of mechanical equipment in the equipment yards.

Hazardous materials storage at the proposed data center would be regulated under local, state and federal regulations. A Hazardous Materials Business Plan would be completed for the safe storage and use of chemicals.

Conformance with relevant laws and regulations would minimize the likelihood of hazardous material releases from the proposed fuel storage tanks and the use or storage of diesel fuel, oils and lubricants by the project would not create a significant impact on the environment. **(Less Than Significant Impact)**

| | |
|---|---|
| **Impact HAZ-2:** | The project would not create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment. **(Less than Significant Impact)** |

**Project Operation Impacts**

As described previously, fuel for the generators would be stored in two 30,000-gallon underground storage tanks which would feed individual 160-gallon daytanks located adjacent to each generator. The tanks would be double-walled and have leak detection systems. Some oils and lubricants could be stored on-site for maintenance of mechanical equipment in the equipment yards.

Hazardous materials storage at the proposed data center would be regulated under local, state and federal regulations. A Hazardous Materials Business Plan would be completed for the safe storage and use of chemicals.

Conformance with relevant laws and regulations would minimize the likelihood of hazardous material releases from the proposed fuel storage tanks and the use or storage of diesel fuel, oils and lubricants by the project would not create a significant impact on the environment. **(Less Than Significant Impact)**

**Project Construction Impacts**

<u>Asbestos and Lead Based Paint</u>

Due to the age of the existing building on site (pre-1980 construction), asbestos-containing materials (ACMs) and lead-based paint may be present.

Demolition of the existing building on the project site could expose construction workers or residents in the vicinity of the project site to harmful levels of ACMs or lead. The project is required to conform to the following regulatory programs and to implement the following measures to reduce impacts to the presence of ACMs and/or lead-based paint:

- In conformance with State and local laws, a visual inspection/pre-demolition survey, and possible sampling, shall be conducted prior to the demolition of on-site buildings to determine the presence of asbestos-containing materials and/or lead-based paint.
- Prior to demolition activities, all building materials containing lead-based paint shall be removed in accordance with Cal/OSHA Lead in Construction Standard, Title 8, California

Code of Regulations (CCR) 1523.1, including employee training, employee air monitoring, and dust control. Any debris or soil containing lead-based paint or coatings would be disposed of at landfills that meet acceptance criteria for the waste being disposed.

- All potentially friable ACMs shall be removed in accordance with NESGAP guidelines prior to any building demolition or renovation that may disturb the materials. All demolition activities will be undertaken in accordance with Cal/OSHA standards contained in Title 8 of CCR, Section 1529, to protect workers from exposure to asbestos.
- A registered asbestos abatement contractor shall be retained to remove and dispose of ACMs identified in the asbestos survey performed for the site in accordance with the standards stated above.
- Materials containing more than one percent asbestos are also subject to Bay Area Air Quality Management District (BAAQMD) regulations. Removal of materials containing more than one percent asbestos shall be completed in accordance with BAAQMD requirements.

Conformance with aforementioned regulatory requirements will result in a less than significant impact from ACMs and lead. **(Less than Significant Impact)**

**Impacts of Off-Site Facilities on the Project**

Nearby sites identified on the California Geotracker database, as described in *Section 4.9.1.2* above, have all received a "Case Closure" status or are identified as not posing an environmental concern to the project site.

| | |
|---|---|
| **Impact HAZ-3:** | The project would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school. **(Less than Significant Impact)** |

The nearest school to the project site is Granada Islamic School (3003 Scott Boulevard), approximately 0.33 miles northwest of the site. The project site is not within one-quarter mile of an existing or proposed school. The project would not routinely generate hazardous air emissions nor would it handle acutely hazardous materials or hazardous waste and therefore, would not impact schools within the project area. **(Less Than Significant Impact)**

| | |
|---|---|
| **Impact HAZ-4:** | The project would not be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, create a significant hazard to the public or the environment. **(No Impact)** |

The project is not included on a list of hazardous materials sites pursuant to Government Code Section 65962.5.[46]

[46] CalEPA. *Cortese List Data Resources*. Accessed October 28, 2019. https://calepa.ca.gov/sitecleanup/corteselist.

| | |
|---|---|
| **Impact HAZ-5:** | The project would be located within an airport land use plan. However, the project would not result in a safety hazard or excessive noise for people residing or working in the project area. **(Less than Significant Impact)** |

The proposed project site is located approximately 0.6 miles northwest of the San José Norman Y. Mineta International Airport. Aircraft noise levels at the project site are discussed in Section 4.13 *Noise and Vibration* of this Initial Study.

As described previously, the project site is located within Airport Safety Zones Traffic Pattern Zone (TPZ). The TPZ does not limit population density, but does require that at least 10 percent of the gross area be devoted to open space. More than 10 percent of the site would be free of buildings and other obstructions. Therefore, the project would comply with TPZ requirements.

As described previously, FAR Part 77 requires that the FAA be notified of certain proposed construction projects located within an extended zone defined by an imaginary slope radiating outward for several miles from an airport's runways, or which would otherwise stand at least 200 feet in height above ground. For the project site, any structure exceeding 30 feet in height above grade would require submittal to the FAA for airspace safety review. The proposed building would be approximately 80 feet in height, with parapets extending to a height of 87.5 feet and a metal roof screen extending to a height of 98 feet to shield mechanical equipment. As a result, notification to the FAA is required to determine the potential for the project to create an aviation hazard. FAA issuance of "determination of no hazard" clearances, and subsequent applicant compliance with any conditions set forth in such FAA determinations, would ensure that the project does not have an adverse impact on airspace safety. The proposed project, therefore, would be compatible with applicable CLUP policies and the Airport Influence Area for building height.

The project site is not located in the vicinity of a private airstrip. **(Less Than Significant Impact)**

| | |
|---|---|
| **Impact HAZ-6:** | The project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. **(No Impact)** |

In June 2016, the City adopted an Emergency Response Plan, which addresses the planned response of the City of Santa Clara to emergency situations associated with natural disasters, technological incidents, and chemical, biological, radiological, nuclear and explosive emergencies. The project would include construction at a site designated for light industrial uses and would comply with relevant building and fire codes. The proposed project would not, therefore, impair or interfere with the implementation of an adopted emergency response plan or emergency evacuation plan. **(No Impact)**

| | |
|---|---|
| **Impact HAZ-7:** | The project would not expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires. **(No Impact)** |

The project site is located in an urbanized area of Santa Clara. According to the California Department of Forestry and Fire Protection (CAL FIRE), the project site is not located within a moderate, high, or very high fire hazard severity zone.[47] **(No Impact)**

[47] CAL FIRE. "Draft Fire Hazard Severity Zones." Accessed October 29, 2019. http://frap.fire.ca.gov/webdata/maps/statewide/fhszl06_1_map.jpg.

## 4.10 HYDROLOGY AND WATER QUALITY

### 4.10.1 Environmental Setting

#### 4.10.1.1 *Regulatory Framework*

**Overview**

The federal Clean Water Act and California's Porter-Cologne Water Quality Control Act are the primary laws related to water quality in California. Regulations set forth by the EPA and the State Water Resources Control Board (SWRCB) have been developed to fulfill the requirements of this legislation. EPA regulations include the National Pollutant Discharge Elimination System (NPDES) permit program, which controls sources that discharge pollutants into the waters of the United States (e.g., streams, lakes, bays, etc.). These regulations are implemented at the regional level by the Regional Water Quality Control Boards (RWQCBs). The project site is within the jurisdiction of the San Francisco Bay RWQCB.

**Federal and State**

National Flood Insurance Program

The Federal Emergency Management Agency (FEMA) established the National Flood Insurance Program (NFIP) to reduce impacts of flooding on private and public properties. The program provides subsidized flood insurance to communities that comply with FEMA regulations protecting development in floodplains. As part of the program, FEMA publishes Flood Insurance Rate Maps (FIRMs) that identify Special Flood Hazard Areas (SFHAs). An SFHA is an area that would be inundated by the one-percent annual chance flood, which is also referred to as the base flood or 100-year flood.

Statewide Construction General Permit

The SWRCB has implemented an NPDES General Construction Permit for the State of California (Construction General Permit). For projects disturbing one acre or more of soil, a Notice of Intent (NOI) and Storm Water Pollution Prevention Plan (SWPPP) must be prepared by a qualified professional prior to commencement of construction. The Construction General Permit includes requirements for training, inspections, record keeping, and, for projects of certain risk levels, monitoring. The general purpose of the requirements is to minimize the discharge of pollutants and to protect beneficial uses and receiving waters from the adverse effects of construction-related storm water discharges.

**Regional and Local**

San Francisco Bay Basin Plan

The San Francisco Bay RWQCB regulates water quality in accordance with the Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan). The Basin Plan lists the beneficial uses that the San Francisco Bay RWQCB has identified for local aquifers, streams, marshes, rivers, and the San Francisco Bay, as well as the water quality objectives and criteria that must be met to protect these uses. The San Francisco Bay RWQCB implements the Basin Plan by issuing and enforcing

waste discharge requirements, including permits for nonpoint sources such as the urban runoff discharged by a City's stormwater drainage system. The Basin Plan also describes watershed management programs and water quality attainment strategies.

Municipal Regional Permit Provision C.3.

The San Francisco Bay RWQCB re-issued the Municipal Regional Stormwater NPDES Permit (MRP) in 2015 to regulate stormwater discharges from municipalities and local agencies (co-permittees) in Alameda, Contra Costa, San Mateo, and Santa Clara Counties, and the cities of Fairfield, Suisun City, and Vallejo.[48] Under Provision C.3 of the MRP, new and redevelopment projects that create or replace 10,000 square feet or more of impervious surface area are required to implement site design, source control, and Low Impact Development (LID)-based stormwater treatment controls to treat post-construction stormwater runoff. LID-based treatment controls are intended to maintain or restore the site's natural hydrologic functions, maximizing opportunities for infiltration and evapotranspiration, and using stormwater as a resource (e.g. rainwater harvesting for non-potable uses). The MRP also requires that stormwater treatment measures are properly installed, operated, and maintained.

In addition to water quality controls, the MRP requires new development and redevelopment projects that create or replace one acre or more of impervious surface to manage development-related increases in peak runoff flow, volume, and duration, where such hydromodification is likely to cause increased erosion, silt pollutant generation, or other impacts to local rivers, streams, and creeks. Projects may be deemed exempt from these requirements if they do not meet the minimized size threshold, drain into tidally influenced areas or directly into the Bay, or drain into hardened channels, or if they are infill projects in subwatersheds or catchment areas that are greater than or equal to 65 percent impervious.

Municipal Regional Permit Provision C.12.f

Provision C.12.f of the MRP requires co-permittee agencies to implement a control program for PCBs that reduces PCB loads by a specified amount during the term of the permit, thereby making substantial progress toward achieving the urban runoff PCBs wasteload allocation in the Basin Plan by March 2030.[49] Programs must include focused implementation of PCB control measures, such as source control, treatment control, and pollution prevention strategies. Municipalities throughout the Bay Area are updating their demolition permit processes to incorporate the management of PCBs in demolition building materials to ensure PCBs are not discharged to storm drains during demolition. As of July 1, 2019, buildings constructed between 1955 and 1978 that are proposed for demolition must be screened for the presence of PCBs prior to the issuance of a demolition permit.

Dam Safety

Dam failure is the uncontrolled release of impounded water behind a dam. Flooding, earthquakes, blockages, landslides, lack of maintenance, improper operation, poor construction, vandalism, and

[48] MRP Number CAS612008
[49] San Francisco Bay Regional Water Quality Control Board. *Municipal Regional Stormwater Permit, Provision C.12.* November 19, 2015.

terrorism can all cause a dam to fail.[50] Because dam failure that results in downstream flooding may affect life and property, dam safety is regulated at both the federal and state level. Dams under the jurisdiction of the California Division of Safety of Dams are identified in California Water Code Sections 6002, 6003, and 6004 and regulations for dams and reservoirs are included in the California Code of Regulations.

As part of its comprehensive dam safety program, the Valley Water routinely monitors and studies the condition of each of its 10 dams. The Valley Water also has its own Emergency Operations Center and a response team that inspects dams after significant earthquakes. These regulatory inspection programs reduce the potential for dam failure.

Santa Clara General Plan

General Plan policies applicable to hydrology and water quality include, but are not limited to, the following listed below.

| Policies | Description |
|---|---|
| 5.10.5-P11 | Require that new development meet stormwater and water management requirements in conformance with state and regional regulations. |
| 5.10.5-P13 | Require that development complies with the Flood Damage Protection Code. |
| 5.10.5-P15 | Require new development to minimize paved and impervious surfaces and promote on-site Best Management Practices for infiltration and retention, including grassy swales, pervious pavement, covered retention areas, bioswales, and cisterns, to reduce urban water run-off. |
| 5.10.5-P16 | Require new development to implement erosion and sedimentation control measures to maintain an operational drainage system, preserve drainage capacity and protect water quality. |
| 5.10.5-P17 | Require that grading and other construction activities comply with the Association of Bay Area Governments' Manual of Standards for Erosion and Sediment Control Measures and with the California Stormwater Quality Association, Stormwater Best Management Practice Handbook for Construction. |
| 5.10.5-P18 | Implement the Santa Clara Valley Nonpoint Source Pollution Control Program, Santa Clara Valley Urban Runoff Pollution Prevention Program and the Urban Runoff Management Plan. |
| 5.10.5-P20 | Maintain, upgrade and replace storm drains throughout the City to reduce potential flooding. |
| 5.10.5-P21 | Require that storm drain infrastructure is adequate to serve all new development and is in place prior to occupancy. |

City Code

Chapter 13.20, Storms Drains and Discharges, of City Code is enacted for the protection of health, life, resources and property through prevention and control of unauthorized discharges into watercourses. The primary goal of this chapter is the cleanup of stormwater pollution from urban runoff that flows to creeks and channels, eventually discharging into the San Francisco Bay. The

[50] State of California. "2013 State Hazards Mitigation Plan." Accessed October 23, 2019. http://www.caloes.ca.gov/for-individuals-families/hazard-mitigation-planning/state-hazard-mitigation-plan.

City Code also includes Flood Damage Prevention Code (Chapter 15.45) and requirements for grading and excavation permits and erosion control (Chapter 15.15).

Water Resources Protection Ordinance and District Well Ordinance

The Santa Clara Valley Water District (Valley Water) operates as the flood control agency for Santa Clara County. Their stewardship also includes creek restoration, pollution prevention efforts, and groundwater recharge. Permits for well construction and destruction work, most exploratory boring for groundwater exploration, and projects within Valley Water property or easements are required under Valley Water's Water Resources Protection Ordinance and District Well Ordinance.

#### 4.10.1.2 *Existing Conditions*

**Surface Water Quality**

The water quality of streams, creeks, ponds, and other surface water bodies can be greatly affected by pollution carried in contaminated surface runoff. Pollutants from unidentified sources, known as non-point source pollutants, are washed from streets, construction sites, parking lots, and other exposed surfaces into storm drains. Urban stormwater runoff often contains contaminants such as oil and grease, plant and animal debris (e.g., leaves, dust, animal feces, etc.), pesticides, litter, and heavy metals. In sufficient concentration, these pollutants have been found to adversely affect the aquatic habitats to which they drain. The nearest waterways to the project site are the Guadalupe River approximately .85 miles to the east and the San Tomas Aquino Creek approximately .9 miles to the west.

**Groundwater**

Groundwater beneath the project site was encountered at eight feet below ground surface (bgs), and flows to the north.[51] The depth to groundwater can vary due to factors such as variations in rainfall, temperature, runoff, irrigation, and groundwater withdrawal and/or recharge. The regional topographic gradient is generally northeast towards the bay.

**Stormwater Drainage**

The site is in the Guadalupe River watershed. The City of Santa Clara owns and maintains the municipal storm drainage system in the project vicinity. Stormwater from the site is conveyed to a storm drain in Comstock Street via a 12-inch storm drain lateral to a 30-inch storm drain line along Central Expressway. The lines that serve the project site drain into Guadalupe River, which is located approximately .85 miles east of the site. Guadalupe River flows north, carrying the effluent from the storm drains into San Francisco Bay. Stormwater from urban uses contain metals, pesticides, herbicides, and other contaminants, including oil, grease, asbestos, lead, and animal waste. The runoff eventually empties into Guadalupe River, which is .85 miles from the site, and flows into the San Francisco Bay. Based on data from the SWRCB, Guadalupe River is currently listed on the California 303(d) impaired waters list for mercury.[52]

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[51] Kleinfelder, Inc. *Geotechnical Investigation Report. Comstock Data Center. 1111 Comstock Street.* April 25, 2019.
[52] California State Water Boards. *Final 2014 and 2016 Integrated Report (CWA Section 303(d) List/ 305(b) Report.* October 3, 2017.

### Flooding

The site is not located within a 100-year flood (one percent annual flood) hazard zone. According to the FEMA flood insurance rate map for the project area, the site is located within Zone X, which is defined as "areas of the 0.2 percent annual chance flood; area of one percent annual chance flood with average depths of less than one foot or with drainage areas less than one square mile; and areas protected by levees from one percent annual chance flood."[53] The existing elevation is approximately 35 feet above mean seal level (msl).

### Dam Failure

There are two dams that affect the City of Santa Clara related to potential flooding. These dams are Lexington, located in the Town of Los Gatos, and Anderson, located in the City of Morgan Hill. The project site is within the Anderson Dam failure inundation area under the "inflow design" scenario, which assumes that dam failure occurs during a large storm event with a high pool elevation in the reservoir and high flow conditions downstream of the dam.[54] The project site is within the Lexington Dam failure inundation area under the "fair weather" scenario, which assumes that dam failure occurs during non-storm conditions with a normal full pool elevation in the reservoir and normal flow conditions downstream of the dam.[55]

As part of its comprehensive dam safety program, Valley Water routinely monitors and studies the condition of each of its 10 dams. Valley Water also has its own Emergency Operations Center and a response team that inspects dams after significant earthquakes. These regulatory inspection programs reduce the potential for dam failure.

### Sea Level Rise

Global climate change has the potential to cause sea level rise, which can inundate low-lying areas. Based on a US Geological Survey analysis which predicted areas in the San Francisco Bay Area region that are subject to inundation due to future sea level rise (up to 60 inches in year 2100), the project site is not subject to inundation due to sea level rise.[56] The project site has a surface elevation of approximately 35 feet above msl, and would not be affected by this projected increase.

### Seiche, Tsunami, and Mudflows

A seiche is the oscillation of water in an enclosed body of water such as a lake or the San Francisco Bay. There are not landlocked bodies of water near the project site that would affect the site in the event of a seiche.

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[53] Federal Emergency Management Agency. *Flood Insurance Rate Map, Community Panel No. 06085C0227H*. Effective Date: May 18, 2009.
[54] Santa Clara Valley Water District. Anderson Dam Flood Inundation Maps. 2016.
[55] Santa Clara Valley Water District. Lenihan (Lexington) Dam Flood Inundation Maps. 2016.
[56] U.S. Geological Survey. *Potential Inundation due to Rising Sea Levels in the San Francisco Bay Region.* March 2009

A tsunami is a sea wave generated by an earthquake, landslide, or other large displacement of water in the ocean. There are no bodies of water neat the project site that would affect the site in the event of a tsunami.[57]

A mudflow is the rapid movement of a large mass of mud formed from loose soil and water. The project area is flat and there are no mountains in proximity that would affect the site in the event of a mudflow.

### 4.10.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 1) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality? | ☐ | ☐ | ☒ | ☐ |
| 2) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin? | ☐ | ☐ | ☒ | ☐ |
| 3) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: | ☐ | ☐ | ☒ | ☐ |
| – result in substantial erosion or siltation on- or off-site; | ☐ | ☐ | ☒ | ☐ |
| – substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site; | ☐ | ☐ | ☒ | ☐ |
| – create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or | ☐ | ☐ | ☒ | ☐ |
| – impede or redirect flood flows? | ☐ | ☐ | ☒ | ☐ |
| 4) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation? | ☐ | ☐ | ☒ | ☐ |
| 5) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan? | ☐ | ☐ | ☒ | ☐ |

[57] Association of Bay Area Governments. "Tsunami Maps and Information." Accessed: October 24, 2019. http://resilience.abag.ca.gov/tsunamis/.

| | |
|---|---|
| **Impact HYD-1:** | The project would not violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality. **(Less than Significant Impact)** |

**Construction Impacts**

Implementation of the project would result in ground disturbance of the site and would temporarily increase pollutant loads due to grading and construction (i.e., removal of pavement and construction of new structures). Demolition, soil excavation, and construction activities would temporarily increase the amount of debris on-site and grading activities would increase the potential for erosion and sedimentation that could be carried by runoff into Guadalupe River and eventually the San Francisco Bay.

The project would disturb more than one acre, and therefore, is required to comply with the General Construction Permit (which includes preparation of a SWPPP) and MRP (including Provision C.12) to reduce pollutants in surface runoff from the site during construction to a less than significant level. In addition, in accordance with the City's grading permit requirements, the project would be required to prepare an erosion control plan. The erosion control plan would include locations and specifications of recommended soil stabilization techniques such as the use of straw wattles, silt fences, construction berms, and storm drain inlet protection. For these reasons, the project would not result in substantial water quality impacts during construction. **(Less than Significant Impact)**

**Post-Construction Impacts**

The type of development and use on the project site would not substantially change with implementation of the project and, therefore, the project would contribute similar types of stormwater runoff pollutants as the existing use.

New catch basins and storm drain lines would be installed on the site as part of the project and would connect to the existing City of Santa Clara storm drain system. Bioretention areas would be installed in on-site landscape areas as part of the project, which would help to detain stormwater runoff and infiltrate water into the soil. Additional C.3/post-construction measures such as porous asphalt and permeable pavers would be implemented.

Impervious surfaces on the project site would decrease from 89 percent to 53 percent after the construction of the project, as shown in Table 4.10-1.

**Table 4.10-1: Pervious and Impervious Surfaces**

| | **Impervious (sf)** | **Pervious (sf)** | **Total Area (sf)** | **Percent Impervious** |
|---|---|---|---|---|
| **Existing** | 53,580 | 6,484 | 60,064 | 89 |
| **Proposed** | 31,727 | 28,337 | 60,064 | 36 |

Because the project would reduce the amount of impervious surfaces on the site, implementation of the project would not increase the discharge to the storm drain system that serves the project site. **(Less than Significant Impact)**

| | |
|---|---|
| **Impact HYD-2:** | The project would not substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin. **(Less than Significant Impact)** |

As mentioned previously, groundwater has been encountered at the project site at approximately eight feet below ground surface. The project would not use groundwater, deplete groundwater supply, or interfere with groundwater recharge. Therefore, the impact to groundwater would be less than significant. **(Less than Significant Impact)**

| | |
|---|---|
| **Impact HYD-3:** | The project would not substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would result in substantial erosion or siltation on- or off-site; substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site; create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or impede or redirect flood flows. **(Less than Significant Impact)** |

The proposed project would not substantially alter the existing drainage pattern of the site or area through the alteration of any waterway. As mentioned under Impact HYD-1, the project would decrease impervious surfaces. As a result, the project would not substantially alter the existing drainage pattern of the site or area. **(Less than Significant Impact)**

| | |
|---|---|
| **Impact HYD-4:** | The project would not risk release of pollutants due to project inundation in flood hazard, tsunami, or seiche zones. **(Less than Significant Impact)** |

The project site is outside of the 100-year flood hazard zone, and therefore, would not expose people or structures to 100-year flood hazards. As discussed under Section 4.10.1.2 *Existing Conditions*, given there are no bodies of water that would impact the site and project area from a seiche or tsunami, the project site and adjacent properties are not subject to a seiche or tsunami.

The site is located within the Lexington and Anderson dam failure inundation zone. As discussed under Section 4.10.1.1 *Regulatory Setting*, Valley Water routinely monitors and studies the condition of Lexington and Anderson Dam. The regulatory inspection program currently in place reduces the potential for dam failure and inundation. Therefore, the project would not risk release of pollutants due to inundation in flood hazard, tsunami, or seiche zones. **(Less than Significant Impact)**

| | |
|---|---|
| **Impact HYD-5:** | The project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan. **(Less than Significant Impact)** |

As discussed under Impact HYD-1 and HYD-2, the project would be required to comply with the NPDES MRP, and would not impact groundwater recharge. The project would comply with applicable water quality control regulations. For these reasons, the project would not conflict with implementation of a water quality or groundwater management plan. **(Less than Significant Impact)**

## 4.11 LAND USE AND PLANNING

### 4.11.1 Environmental Setting

#### 4.11.1.1 *Regulatory Framework*

**Regional**

Norman Y. Mineta San José International Airport

The project site is located approximately 0.6 miles northwest of the San José International Airport, and is located within the Airport Influence Area (AIA) defined by the Santa Clara County Airport Land Use Commission's Comprehensive Land Use Plan (CLUP) for the San José International Airport. Development within the AIA can be subject to hazards from aircraft and also pose hazards to aircraft travelling to and from the airport. The AIA is a composite of areas surrounding the airport that are affected by noise, height and safety considerations. These hazards are addressed in Federal and State regulations as well as in land use regulations and policies in the CLUP. The most recent CLUP for the Airport was adopted in 2011 and updated in 2016.

The project site is located within Part 77 Surface zone 212, which limits the building height to a maximum of 212 feet above mean seal level.[58]

The CLUP includes land use compatibility policies and standards, which form the basis for evaluating the land use compatibility of individual projects with the Airport and its operations. Standards in the CLUP focus on the three areas of ALUC responsibility: 1) aircraft noise, 2) the safety of persons on the ground and in aircraft, and 3) the control of objects in navigable airspace.

Proposals for amendments to general or specific plans and either building or zoning regulations by local agencies must be submitted to the ALUC for a determination of consistency. In addition, development projects that are higher than 200 feet above ground level are also encouraged to be submitted for review by the ALUC. Recommendations made by the ALUC are advisory to local jurisdictions, not mandatory.

Applicable CLUP land use policies to the project include the following listed below.

| Policies | Description |
|---|---|
| G-5 | Where legally allowed, dedication of an avigation easement to the City of San José shall be required to be offered as a condition of approval on all projects located within an Airport Influence Area, other than reconstruction projects. |
| G-7 | All new exterior lighting within the AIA shall be designed so as to create no interference with aircraft operations. Such lighting shall be constructed and located so that only the intended area is illuminated and off-site glare is fully controlled. The lighting shall be arrayed in such a manner that it cannot be mistaken for airport approach or runway lights by pilots. |
| O-1 | All new projects within the AIA that are subject to discretionary review and approval shall be required to dedicate in compliance with state law, an avigation easement to the City of San José. |

[58] Santa Clara County Airport Land Use Commission. *Comprehensive Land Use Plan.* Figure 7. Amended November 16, 2016.

Santa Clara Valley Habitat Plan

The Habitat Plan, discussed in *Section 3.4 Biological Resources*, is a conservation program intended to promote the recovery of endangered species and enhance ecological diversity and function, while accommodating planned growth on approximately 500,000 acres of southern Santa Clara County. The project site is outside of the Santa Clara Valley Habitat Plan's study area.

Farmland Mapping and Monitoring Program

The California Resources Agency's Farmland Mapping and Monitoring Program (FMMP) assesses the location, quality, and quantity of agricultural land and conversion of these lands over time. Agricultural land is rated according to soil quality and irrigation status; the best quality land is called Prime Farmland. In CEQA analyses, the FMMP classifications and published County maps are used, in part, to identify whether agricultural resources that could be affected are present on-site or in the project area.

## City of Santa Clara

Santa Clara General Plan

Applicable land use General Plan policies include, but are not limited to, the following listed below.

| Policies | Description |
|---|---|
| General | |
| 5.3.1-P9 | Require new development provide adequate public services and facilities, infrastructure, and amenities to serve the new employment or residential growth. |
| Safety | |
| 5.10.5-P29 | Continue to refer proposed projects located within the Airport Influence Area to the Airport Land Use Commission. |
| 5.10.5-P30 | Review the location and design of development within Airport Land Use Commission jurisdiction for compatibility with the Airport Land Use Compatibility Plan. |
| 5.10.5-P31 | Discourage schools, hospitals, sensitive uses and critical infrastructure, such as power plants, electric substations and communications facilities, from locating within specified safety zones for the Airport as designated in the Airport Comprehensive Land Use Plan. |
| 5.10.5-P32 | Encourage all new projects within the Airport Influence Area to dedicate an avigation easement. |
| 5.10.5-P33 | Limit the height of structures in accordance with the Federal Aviation Administration Federal Aviation Regulations, FAR Part 77 criteria. |

General Plan Land Use Designation

The Land Use Diagram of the *2010-2035 General Plan* contains three phases: Phase 1: 2010-2015, Phase II: 2015-2023, and Phase III: 2023-2035. The project site is designated as *Low Intensity Office/R&D* and will retain its designation for all phases.

The *Low Intensity Office/R&D* designation is intended for campus-like office development that includes office and R&D, as well as medical facilities and free-standing data centers, with

manufacturing uses limited to a maximum of 20 percent of the building area. It includes landscaped areas for employee activities and parking that may be surface, structured, or below grade. Accessory or secondary small-scale supporting retail uses that serve local employees and visitors are also permitted. The maximum FAR allowed under this designation is 1.00.

Zoning Designation

The project site is zoned ML - Light Industrial. The ML – Light Industrial zoning designation (Chapter 18.48 of the City Code) is intended for (but not limited to) commercial storage and wholesale distribution warehouses, plants and facilities for the manufacturing, processing, and repair of equipment and merchandise, and retail sales of industrial products, and uses of a similar nature. Retail commercial and service uses, kennels, and lumber yards (and other similar uses) may also be allowed as a conditional use with City approval of a Use Permit. The maximum permitted building height within this zone is 70 feet and the maximum building coverage is 75 percent.

Zoning Ordinance

The City of Santa Clara Zoning Ordinance (Title 18 of the City Code) provides a regulatory framework for development and operation of uses within the City. The intent of the Zoning Ordinance is to encourage development of various kinds of living, working, and commercial activities in specific areas as defined in the General Plan and to accomplish the following purposes:

- To promote the public health, safety, comfort, and general welfare;
- To conserve the values of property throughout the City and to protect the character and stability of residential, commercial, professional and manufacturing areas, and to promote the orderly and beneficial development of such areas;
- To provide adequate light, air, privacy, and convenience of access to property;
- To minimize congestion on the public streets and highways;
- To provide for the elimination of incompatible and nonconforming uses of land, buildings, and structures which are adversely affecting the character and value of desirable development in each district;
- To establish official plan lines and building setback lines;
- To define the powers and duties of the administrative officers and bodies as provided herein.
- To promote efficient urban design arrangement and to secure economy in governmental expenditures; and
- To preserve landmarks which reflect the City's historical, architectural, cultural and aesthetic

#### 4.11.1.2 *Existing Conditions*

The site is currently developed with a one-story, 23,765 sf industrial building and paved surface parking lot. The property is currently occupied by a circuit board manufacturing facility and a ceramic manufacturing facility. The project site is bound by Comstock Street to the south, and light industrial uses to the west, north and east. An aerial photograph with surrounding land uses is shown on Figure 3.1-3.

### 4.11.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 1) Physically divide an established community? | ☐ | ☐ | ☐ | ☒ |
| 2) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect? | ☐ | ☐ | ☒ | ☐ |

**Impact LU-1:** The project would not physically divide an established community. **(No Impact)**

The project site is located in an industrial area surrounded by industrial development. It would not include any physical features that would physically divide the community (e.g., blocking of roadways or sidewalks) and would not interfere with the movement of residents through a neighborhood. For these reasons, construction of the proposed project would not divide an established community. **(No Impact)**

**Impact LU-2:** The project would not cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. **(Less than Significant Impact)**

**Consistency with Applicable Local Plans, Policies, and Regulations**

Santa Clara General Plan

The project site is designated as Low-Intensity Office/R&D under the City's General Plan. As described previously, free standing data centers are permitted in this designation. The proposed FAR for the project is 2.02, which exceeds the maximum FAR of 1.0 allowed under the City's General Plan. The City maintains the discretion to allow an increased FAR for qualifying projects where findings can be made that the project is otherwise consistent with the General Plan. As described in this section and throughout the Initial Study, the project is consistent with the policies in the General Plan. Therefore, the proposed project is consistent with the General Plan land use designation on the site.

The project area consists of a mix of uses including industrial, office/R&D, and commercial. The proposed data center would be compatible with the surrounding industrial land uses and would not interfere with the existing operations of adjacent or nearby businesses. Activities and equipment at the site would be separated from the nearest residential area by Bayshore Freeway.

Noise and lighting levels associated with the proposed project would not substantially increase over existing levels and are not anticipated to adversely affect adjacent land uses. The proposed project,

therefore, would not introduce a land use to the site that would create a land use compatibility conflict in the project area.

City of Santa Clara City Code

As stated above, the project site is zoned *ML – Light Industrial* (Chapter 18.48 of the City Code), which accommodates industries operating substantially within an enclosed building. The permissible uses include (but not limited to) commercial storage and wholesale distribution warehouses, plants and facilities for the manufacturing, processing, or repair of equipment and merchandise, and retail sales of industrial products, and uses "of a similar nature". Any uses permitted within the *MP – Planned Industrial* zoning designation are also allowed. The City has routinely approved of data centers as a use consistent with the *ML* zoning designation. Additionally, noise generated by the project would not exceed restrictions in the City's zoning ordinance (see Section 4.13 *Noise*). The proposed project, therefore, would not conflict with the City's General Plan or Zoning Ordinance.

San José International Airport Comprehensive Land Use Plan

The project site is located within the AIA of the San José International Airport and within the 65 CNEL noise contour for aircraft overflights.[59] It is located within the TPZ. Potential conflicts related to the building height or aircraft noise are discussed in Section 4.9 *Hazards and Hazardous Materials* and Section 4.13 *Noise*, respectively. The project would not conflict with the CLUP.

Consistency with Applicable Habitat Conservation Plan

The project site is not located within a habitat conservation plan or natural community conservation plan.

The project, therefore, would not cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. **(Less than Significant Impact)**

[59] Santa Clara County Airport Land Use Commission. *Comprehensive Land Use Plan.* Figure 5. Amended November 16, 2016.

## 4.12 MINERAL RESOURCES

### 4.12.1 Environmental Setting

#### 4.12.1.1 *Regulatory Framework*

**State**

Surface Mining and Reclamation Act

The Surface Mining and Reclamation Act (SMARA) was enacted by the California legislature in 1975 to address the need for a continuing supply of mineral resources, and to prevent or minimize the negative impacts of surface mining to public health, property, and the environment. As mandated under SMARA, the State Geologist has designated mineral land classifications in order to help identify and protect mineral resources in areas within the state subject to urban expansion or other irreversible land uses which would preclude mineral extraction. SMARA also allowed the State Mining and Geology Board (SMGB), after receiving classification information from the State Geologist, to designate lands containing mineral deposits of regional or statewide significance.

#### 4.12.1.2 *Existing Conditions*

The City of Santa Clara is located in an area zoned MRZ-1 for aggregate materials by the State of California. MRZ-1 zones are areas where adequate information indicates that no significant mineral deposits are present or where it is judged that little likelihood exists for their presence. The area is not known to support significant mineral resources of any type. No mineral resources are currently being extracted in the City. The State Office of Mine Reclamation's list of mines (AB 3098 list) regulated under the Surface Mining and Reclamation Act does not include any mines within the City.

### 4.12.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 1) Result in the loss of availability of a known mineral resource that will be of value to the region and the residents of the state? | ☐ | ☐ | ☐ | ☒ |
| 2) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan? | ☐ | ☐ | ☐ | ☒ |

| | |
|---|---|
| **Impact MIN-1:** | The project would not result in the loss of availability of a known mineral resource that would be of value to the region and residents of the state. **(No Impact)** |

The project would not result in the loss of availability of a known mineral resource, and no mineral excavation sites are present within the general area. The proposed project, therefore, would not result in impacts to mineral resources. **(No Impact)**

| | |
|---|---|
| **Impact MIN-2:** | The project would not result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan. **(No Impact)** |

There are no locally important mineral resources identified in the City's General Plan. Therefore, the project would not result in the loss of a locally important mineral resource recovery site. **(No Impact)**

## 4.13 NOISE

The following analysis is based, in part, on a Noise Assessment prepared by *Illingworth & Rodkin, Inc*. in May 2020. A copy of this report is included in Appendix E of this IS.

### 4.13.1 Environmental Setting

**Noise**

Factors that influence sound as it is perceived by the human ear, include the actual level of sound, period of exposure, frequencies involved, and fluctuation in the noise level during exposure. Noise is measured on a decibel scale, which serves as an index of loudness. The zero on the decibel scale is based on the lowest sound level that the healthy, unimpaired human ear can detect. Each 10 decibel increase in sound level is perceived as approximately a doubling of loudness. Because the human ear cannot hear all pitches or frequencies, sound levels are frequently adjusted or weighted to correspond to human hearing. This adjusted unit is known as the A-weighted decibel, or dBA.

Since excessive noise levels can adversely affect human activities and human health, federal, state, and local governmental agencies have set forth criteria or planning goals to minimize or avoid these effects. Noise guidelines are generally expressed using one of several noise averaging methods, including $L_{eq}$, DNL, or CNEL.[60] These descriptors are used to measure a location's overall noise exposure, given that there are times when noise levels are higher (e.g., when a jet is taking off from an airport or when a leaf blower is operating) and times when noise levels are lower (e.g., during lulls in traffic flows on freeways or in the middle of the night). $L_{max}$ is the maximum A-weighted noise level during a measurement period.

Sensitivity to noise increases during the evening and at night because excessive noise interferes with the ability to sleep. To emphasize quiet-time noise events, the Day/Night Average Sound Level (DNL or $L_{dn}$) and CNEL were developed to measure the average cumulative noise exposure over a 24-hour period. Both DNL and CNEL include a 10 dB addition to noise levels from 10:00 PM to 7:00 AM to account for human sensitivity to night noise, while CNEL also includes a five dB addition to noise generated between 7:00 PM and 10:00 PM.

**Vibration**

Ground vibration consists of rapidly fluctuating motions or waves with an average motion of zero. Vibration amplitude can be quantified using Peak Particle Velocity (PPV), which is defined as the maximum instantaneous positive or negative peak of the vibration wave. PPV has been routinely used to measure and assess ground-borne construction vibration. Studies have shown that the threshold of perception for average persons is in the range of 0.008 to 0.012 inches/second (in/sec) PPV.

[60] $L_{eq}$ is a measurement of average energy level intensity of noise over a given period of time. Day-Night Level (DNL) is a 24-hour average of noise levels, with a 10 dB penalty applied to noise occurring between 10:00 PM and 7:00 AM. Community Noise Equivalent Level (CNEL) includes an additional five dB applied to noise occurring between 7:00 PM and 10:00 PM. Where traffic noise predominates, the CNEL and DNL are typically within two dBA of the peak-hour $L_{eq}$.

#### 4.13.1.1 *Regulatory Framework*

**State and Local**

California Green Building Standards Code

For commercial uses, CalGreen (Section 5.507.4.1 and 5.507.4.2) requires that wall and roof-ceiling assemblies exposed to the adjacent roadways have a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 when the commercial property falls within the 65 dBA $L_{dn}$ or greater noise contour for a freeway or expressway, railroad, or industrial or stationary noise source. The state requires interior noise levels to be maintained at 50 dBA $L_{eq(1\text{-}hr)}$ or less during hours of operation at a proposed commercial use.

General Plan

The City of Santa Clara General Plan identifies noise and land use compatibility standards for various land uses (General Plan Table 5.10-2). The noise standard is 70 dBA Community Noise Equivalent Level (CNEL) for uses with an industrial land use designation and 55 dBA CNEL for uses with a residential land use designation. The following policies are applicable to the project:

| Policies | Description |
|---|---|
| 5.10.6-P1 | Review all land use and development proposals for consistency with the General Plan compatability standards and acceptable noise exposure levels defined on Table 5.10-1. |
| 5.10.6-P3 | New development should include noise control techniques to reduce noise to acceptable levels, including site layout (setbacks, separation and shielding), building treatments (mechanical ventilation system, sound-rated windows, solid core doors and baffling) and structural measures (earthen berms and sound walls) |
| 5.10.6-P4 | Encourage the control of noise at the source through site design, building design, landscaping, hours of operation and other techniques. |
| 5.10.6-P5 | Require noise-generating uses near residential neighborhoods to include solid walls and heavy landscaping along common property lines, and to place compressors and mechanical equipment in sound-proof enclosures. |
| 5.10.6-P6 | Discourage noise sensitive uses, such as residences, hospitals, schools, libraries and rest homes, from areas with high noise levels, and discourage high noise generating uses from areas adjacent to sensitive uses. |
| 5.10.6-P7 | Implement measures to reduce interior noise levels and restrict outdoor activities in areas subject to aircraft noise in order to make Office/research and Development uses compatible with the Norman Y. Mineta International Airport land use restrictions. |

City Code

Chapter 9.10 “Regulation of Noise and Vibration,” of the City of Santa Clara City Code identifies allowable hours for construction to limit impacts to sensitive uses within 300 feet of a project site. The nearest sensitive receptors to the proposed project site are the Granada Islamic School about 0.5 miles northwest of the site and existing residences along Layfette Street in Santa Clara about 0.6 miles north of the site. The project is, therefore, not subject to the City Code regulations on construction hours.

The City Code also includes standards for maximum noise levels according to zoning designations at nearby properties from noise generated on a subject property, independent of distance. Noise limits at the nearest adjacent property lines to the project site are shown in 4.13-1 below.

| Table 4.13-1: Noise Limits at Adjacent Property Lines | | |
|---|---|---|
| **Adjacent Property Line** | **Daytime Noise Limit (dBA)** | **Nighttime Noise Limit (DBA)** |
| North – Light Industrial | 70 | 70 |
| West – Light Industrial | 70 | 70 |
| East – Light Industrial | 70 | 70 |
| South – Heavy Industrial | 75 | 75 |

The nearest residences are roughly 0.6 miles away; the noise limits at those residences would be 55 dBA during the daytime and 50 dBA at night.

Section 9.10.060(c) states: "If the measured ambient noise level at any given location differs from those levels set forth in SCCC 9.10.040, Schedule A, the allowable noise exposure standard shall be adjusted in five dBA increments in each category as appropriate to encompass or reflect said ambient noise level."

Section 9.10.020 and 9.10.070 state that emergency work, including the operation of emergency generators necessary to provide services during an emergency, are exempt from the criteria. Private utility work to restore services and protect property from damage is also exempt.

**Norman Y. Mineta San José International Comprehensive Land Use Plan**

The Santa Clara County Airport Land Use Commission (ALUC) has adopted a Land Use Compatibility table for projects near Norman Y. Mineta San José International Airport (Airport). Under the ALUC's land use compatibility noise policies, industrial uses are compatible in noise environments (from aircraft overflights) that are 70 CNEL or less. The site is located in area between the 65 and 70 CNEL airport noise contours on the Comprehensive Land Use Plan (CLUP) noise map.

### 4.13.1.2 *Existing Conditions*

The project site is located in a mixed industrial and commercial area. Data center uses are located directly north of the site and on Comstock Street west of the site. To the east is a Trescal instrument calibration facility and an Ultrasolar energy equipment supplier. South of the site and across the Central Expressway is an Owens Corning manufacturing plant. The nearest residences are approximately 0.6 miles to the north along Lafayette Street.

A noise monitoring survey was completed between Tuesday, October 8, 2019 and Thursday, October 10, 2019 to quantify and characterize ambient noise levels at the site and in the surrounding area. The survey included one long-term (48-hour) measurement and two short-term (10-minute) measurements, as shown in Figure 4.13-1. The predominant sources of noise in the project vicinity

NOISE MEASUREMENT LOCATIONS

FIGURE 4.13-1

included traffic on the Central Expressway, flyovers by aircraft associated with Norman Y. Mineta San José International Airport, and mechanical equipment at adjacent sites.

Two attended short-term (10-minute) measurements, ST-1 and ST-2, were made to quantify noise levels produced by mechanical equipment operating at surrounding sites and from traffic along Comstock Street and Central Expressway. During the measurements, a constant hum was observed originating at a chiller adjacent to the existing data center to the north. This hum was recorded as 56 to 57 dBA at location ST-1 and as 60 to 61 dBA at location ST-2. Over the course of the two measurements, five aircraft flyovers were observed, resulting in maximum intermittent noise levels between 63 and 71 dBA $L_{max}$.

One unattended, long-term 48-hour measurement LT-1 was made to quantify the ambient noise level at the site characterized by traffic along Comstock Street and the Central Expressway, and operations at surrounding uses. Hourly average noise levels varied between 64 and 69 dBA $L_{eq}$ during the day, and between 61 and 66 dBA $L_{eq}$ at night. The average noise level on Wednesday, October 9, 2019 was 71 dBA CNEL. Measurement results are summarized in Table 4.13-1.

**Table 4.13-1: Summary of Noise Measurement Data**

| Location (Date, Start Time) | | Measured Noise Levels, dBA | | | | | Primary noise source |
|---|---|---|---|---|---|---|---|
| | | $L_{10}$ | $L_{50}$ | $L_{90}$ | $L_{eq}$ | CNEL[1, 2] | |
| LT-1 | Approx. 20 ft north of Comstock Street centerline. (Tuesday, 10/8/2019, 9:40 a.m. – Thursday, 10/10/2019, 1:20 p.m.) | 61 - 75 | 60 - 72 | 58 - 67 | 62 - 72 | 71 | Traffic along Central Expressway, occasional aircraft flyovers. |
| ST-1 | Eastern site boundary. (Tuesday, 10/8/2019, 9:50 a.m. – 10:00 a.m.) | 58 | 57 | 56 | 57 | 63 | Mechanical equipment from site to north (56 to 57 dBA), occasional aircraft flyovers. |
| ST-2 | Center of northern site boundary. (Tuesday, 10/8/2019, 10:10 a.m. – 10:20 a.m.) | 65 | 61 | 60 | 62 | 68 | Mechanical equipment from site to north (60 to 61 dBA), occasional aircraft flyovers. |

[1] CNEL Level is for Wednesday, October 9th, 2019.
[2] CNEL Levels for short-term measurements are calculated based on noise levels from 24-hour operation of mechanical equipment.

### 4.13.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project result in: | | | | |
| 1) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? | ☐ | ☒ | ☐ | ☐ |
| 2) Generation of excessive groundborne vibration or groundborne noise levels? | ☐ | ☒ | ☐ | ☐ |
| 3) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? | ☐ | ☐ | ☒ | ☐ |

**Impact NOI-1:** As mitigated, the project would not result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies. **(Less than Significant Impact with Mitigation Incorporated)**

**Construction**

Construction activities would include demolition, site preparation, grading and excavation, trenching, building (exterior), interior/ architectural coating and paving. Auger cast piles are proposed for construction of the building foundation. Hourly average noise levels due to construction activities during busy construction periods outdoors would typically range from about 78 to 89 dBA $L_{eq}$ at a distance of 50 feet. Construction-generated noise levels drop off at a rate of about six dBA per doubling of the distance between the source and receptor. Shielding from intervening structures or buildings would be anticipated to provide 10 to 20 dBA or more of additional noise reduction.

There are no residences located within 300 feet of the site. The closest residences are approximately 0.6 miles to the north and approximately 0.9 miles to the south. Given the large distance and the substantial shielding between residences and the project site, construction noise levels are anticipated to be well below and indistinguishable from ambient levels at the closest residences.

Construction noise levels at commercial or industrial land uses are not regulated in the City Code or General Plan. Adjacent data center properties are not considered noise sensitive. However, the

Trescal instrument calibration facility, located to the east, describes this location on their website[61] as a provider of calibration services for acoustical equipment. The noise sensitivity of the operations of this facility are unknown at this time. Additionally, the existing noise environment is already characterized by continuous noise originating from operation of equipment at surrounding sites. Due to the types of services that are offered at the adjacent Trescal calibration facility, it is possible that business operations may periodically be affected by construction-generated noise. By use of administrative controls, such as notifying Trescal employees of scheduled construction activities and scheduling the highest noise-generating construction activities during hours with the least potential to affect operations at the facility, interior noise levels can be typically kept to a minimum. Following the requirements for coordination with Trescal described in the conditions of approval listed under Impact NOI-3, below, would ensure that the impact of noise levels generated by project construction on business operations are minimized.

**Operation**

The primary source of noise from operation of the project would be related to mechanical equipment associated with data center operations. Vehicle trips associated with the project would be low, with a maximum of 120 daily trips, which would not result in substantial noise generation.

As a backup power supply, six 3,000 kW diesel-fueled generators and one 500 kW house generator would be located within a generator room on the north side of the building's first floor. Exhaust pipes from the generators would be directed out through the building's northern wall. Generator exhaust pipes would be equipped with particulate filters with estimated noise attenuation between 25 and 30 dBA. The filters are estimated to provide 25 dBA of attenuation. Proposed rooftop mechanical equipment includes eight 1,500 kW air-cooled chillers, four dedicated outdoor air units, and seven remote radiator units. All rooftop equipment would be shielded by a seven-foot, six-inch high parapet walls and an eighteen-foot high metal screen.

Proposed fixed sources of noise at the site were modeled using SoundPLAN, a three-dimensional noise modeling software that considers site geometry, the characteristics of the noise sources, and shielding from structures and barriers. Multiple scenarios for noise exposure due to fixed sources were considered for this project, including noise from operation of heating, ventilation, and air conditioning (HVAC) equipment only, noise from operation of HVAC equipment and testing of one generator under full load, and noise from HVAC equipment and testing of multiple generators simultaneously under no load. These scenarios were developed based on the proposed generator testing schedule of one hour-long test per generator each month, with one month under full load and 11 months under no load. Results of the scenarios modeled are summarized in Table 4.13-2.

[61] https://www.trescal.us/calibration-lab/california/santa-clara/santa-clara-calibration-lab

| Table 4.13-2: Noise Levels Resulting from Mechanical Equipment Operations | | | | |
|---|---|---|---|---|
| **Property Line** | **Calculated Noise Levels, dBA $L_{eq}$** | | | |
| | **HVAC Only** | **HVAC and Single Generator Under 10% Load** | **HVAC and Single Generator Under Full Load** | **HVAC and All Generators Under 10% Load** |
| North | 53 – 54 | 74 | 80 | 79 – 80 |
| East | 52 – 53 | 65 | 71 | 73 |
| West | 51 – 53 | 70 | 76 – 77 | 74 |

As shown in Table 4.13-2, HVAC equipment operations alone are not anticipated to result in noise levels that would exceed the daytime or nighttime commercial (65 and 60 dBA $L_{eq}$) or industrial (70 dBA $L_{eq}$) limits at the surrounding property lines. Noise levels with the testing of one generator under 10 percent load or full load concurrent with operation of HVAC equipment would also be below the City's limits at the Trescal instrument calibration facility (commercial) to the east, the Digital Reality data center (industrial) to the west, and the Owens Corning manufacturing plant (industrial) to the south. Industrial noise limits would be exceeded at the Digital Reality data center (industrial) located to the north; however, the operation of existing mechanical equipment associated with the Digital Reality site currently generate noise levels at property lines that are comparable to what the proposed project has been calculated to emit and there are no noise sensitive areas associated with the property to the north. Therefore, it is not expected that testing of one generator at 10 percent or full load concurrent with operation of HVAC equipment will cause a substantial increase to the existing ambient noise environment at shared property lines to the north. Testing of all generators simultaneously under 10 percent load concurrent with operation of HVAC equipment will result in noise levels similar to those of one generator operating under full load.

**Mitigation Measures:**

The following project-specific mitigation measures would be implemented during operation to avoid significant noise impacts:

**MM NOI-1.1:** The proposed seven-foot, six-inch parapet wall will be constructed without any gaps or cracks and have a minimum surface weight of three-pounds per square foot (such as one-inch thick wood, ½-inch laminated glass, masonry block, concrete, or metal one-inch).

**MM NOI-1.2:** The proposed generator testing schedule shall be followed wherein under 10 percent load, all generators may be tested simultaneously, and under full load, only one at a time may be tested.

With implementation of the mitigation measures identified above, the project would result in a less than significant operational noise impact. **(Less than Significant Impact with Mitigation)**

| | |
|---|---|
| **Impact NOI-2:** | The project would not result in generation of excessive groundborne vibration or groundborne noise levels. **(Less than Significant Impact with Mitigation Incorporated)** |

The City of Santa Clara does not specify a construction vibration limit. For structural damage, the California Department of Transportation recommends a vibration limit of 0.5 in/sec PPV for modern commercial and industrial structures. The 0.5 in/sec PPV vibration limit is applicable to properties in the vicinity of the project site.

Construction activities would include demolition, site preparation, grading and excavation, trenching, building (exterior), and interior/architectural coating and paving. Auger-cast drilled piles are anticipated for construction of the building foundation. Drilled piles do not have the same potential of generating high ground vibration levels as impact or vibratory-driven piles. Other project construction activities, such as the use of jackhammers, rock drills, and other high-power or vibratory tools, and rolling stock equipment (tracked vehicles, compactors, etc.) may also potentially generate substantial vibration in the immediate vicinity. Erection of the building structure is not anticipated to be a source of substantial vibration with the exception of sporadic events such as dropping of heavy objects, which should be avoided to the extent possible.

The closest structures to the project site are the Trescal instrument calibration facility building located 10 feet east of the site, and data center buildings located approximately 120 to 165 feet to the west and north of the site. The Trescal company describes this location on their website[1] as a provider of calibration services for equipment which may be sensitive to vibration. Specific vibration requirements for operation of the calibration facility are not known at this time.

Table 4.13-3 presents typical vibration levels that could be expected from construction equipment at a reference distance of 25 feet and calculated levels at distances of 10 feet, 12 feet, and 120 feet, representative of the closest commercial and industrial structures to the project site and the minimum distance from site property lines where construction vibration would fall beneath the 0.5 in/sec PPV criteria (12-feet).

| Table 4.13-3: Vibration Source Levels for Construction Equipment | | | | | |
|---|---|---|---|---|---|
| **Equipment** | | **Reference PPV at 25 ft. (in/sec)** | **PPV at 10 ft. (in/sec)[a]** | **PPV at 12 ft. (in/sec)[a]** | **PPV at 120 ft. (in/sec)[a]** |
| Clam shovel drop | | 0.202 | **0.553** | 0.453 | 0.036 |
| Hydromill (slurry wall) | in soil | 0.008 | 0.022 | 0.018 | 0.001 |
| | in rock | 0.017 | 0.047 | 0.038 | 0.002 |
| Vibratory Roller | | 0.210 | **0.575** | 0.471 | 0.037 |
| Hoe Ram | | 0.089 | 0.244 | 0.200 | 0.016 |
| Large bulldozer | | 0.089 | 0.244 | 0.200 | 0.016 |
| Caisson drilling | | 0.089 | 0.244 | 0.200 | 0.016 |
| Loaded trucks | | 0.076 | 0.208 | 0.170 | 0.014 |
| Jackhammer | | 0.035 | 0.096 | 0.078 | 0.006 |
| Small bulldozer | | 0.003 | 0.008 | 0.007 | 0.001 |

[a] These levels calculated assuming normal propagation conditions, using a standard equation of *PPVeqmt-PPVref * (25/D) 1.5*, from FTA, May 2006.
Source: Transit Noise and Vibration Impact Assessment, United States Department of Transportation, Office of Planning and Environment, Federal Transit Administration, September 2018 as modified by Illingworth & Rodkin, Inc., October 2019.

As indicated in Table 4.13-3, construction vibration may exceed 0.5 in/sec PPV when heavy construction is located within 12 feet of structures. Only one structure is located within 12 feet of the site; the Trescal instrument calibration facility building located at 1065 Comstock Street, roughly 10 feet from the property line.

Assuming a maximum vibration level of 0.6 in/sec PPV, the maximum vibration level anticipated at the Trescal structure, there would be an approximate seven percent probability of "threshold damage" (referred to as cosmetic damage elsewhere in this report) resulting from construction activities within 12 feet of the structure. Cosmetic or threshold damage would be manifested in the form of hairline cracking in plaster, the opening of old cracks, the loosening of paint or the dislodging of loose objects. However, minor damage (e.g., hairline cracking in masonry or the loosening of plaster) or major structural damage (e.g., wide cracking or shifting of foundation or bearing walls) to the adjacent structure would not be anticipated to occur assuming a maximum vibration level of 0.6 in/sec PPV. Nevertheless, cosmetic or threshold damage to the adjacent structure would be considered a significant impact should it occur.

**Mitigation Measures:**

The following project-specific mitigation measures would be implemented during construction to avoid significant vibration impacts:

**MM NOI-2.1:**

- Place operating equipment on the construction site as far as possible from vibration sensitive receptors.
- Avoid using vibratory rollers and tampers near sensitive areas.
- Avoid dropping heavy objects or materials near shared property lines.

- A construction vibration-monitoring plan shall be implemented to document conditions at the adjacent Trescal building, located at 1065 Comstock Street, prior to, during, and after vibration generating construction activities within 15 feet of the building. All plan tasks shall be performed in accordance with industry accepted standard methods. The construction vibration monitoring plan should be implemented to include the following tasks:

    - Performance of a photo survey, elevation survey, and crack monitoring survey for the Trescal building in the area adjoining the project site. Surveys shall be performed prior to, in regular intervals during, and after completion of vibration generating construction activities within 15 feet of the building, and shall include internal and external crack monitoring in the structure, settlement, and distress, and shall document the condition of the foundation, walls, and other structural elements in the interior and exterior of said structure to the extent that access is provided by the owner of the building.

    - Conduct a post-survey on the structure where monitoring has indicated high levels or complaints of damage. Make appropriate repairs or provide compensation where damage has occurred as a result of construction activities.

    - Designate a person responsible for registering and investigating claims of excessive vibration. The contact information of such person shall be clearly posted on the construction site.

In areas where vibration would not be expected to cause structural damage, vibration levels may still be perceptible. As with any type of construction, this would be anticipated and would not typically be considered significant, given the intermittent and short duration of the phases that have the highest potential of producing vibration (use of jackhammers and other high-power tools). However, due to the types of services that are offered at the adjacent Trescal calibration facility, which include calibration services for equipment which may be sensitive to vibration, day-to-day business operations of this facility may be affected by much lower levels of vibration than those that would be anticipated to cause structural damage. The sensitivity of the operations of this facility are unknown at this time. By use of administrative controls, such as notifying Trescal of scheduled construction activities and scheduling construction activities with the highest potential to produce perceptible vibration during hours with the least potential to affect nearby businesses, perceptible vibration can be typically kept to a minimum. Additional coordination with the Trescal facility may be necessary to ensure that the impact of vibration levels generated by project construction on business operations are minimized. The following conditions of approval would be implemented by the project to reduce vibration impacts to the adjacent Trescal calibration facility.

**Conditions of Approval:**

- Prior to construction, occupants of the Trescal building at 1065 Comstock Street shall be notified of the construction schedule in writing. This schedule shall indicate when heavy vibration-generating construction will be taking place within 25 feet of the building. The applicant shall communicate with occupants to determine if additional vibration mitigation measures are necessary so as not to interfere with business operations.

- Construction scheduling shall be undertaken with consideration for the Trescal instrument calibration facility business hours and operations. Schedule high vibration generating construction activities that are located nearest the Trescal facility outside of business hours or during periods where vibration sensitive activities are not scheduled to occur. Coordination of construction activity times with Trescal facility occupants may be necessary.

With implementation of mitigation measures and conditions of approval, the project would result in a less than significant vibration impact. **(Less than Significant Impact with Mitigation Incorporated)**

| | |
|---|---|
| **Impact NOI-3:** | The project would be located within two miles of a public airport or public use airport. However, the project would not expose people residing or working in the project area to excessive noise levels. **(Less than Significant Impact)** |

As described previously, the Santa Clara County ALUC's CLUP sets a generally acceptable noise level compatibility standard of 70 dBA CNEL for industrial land uses. Norman Y. Mineta International Airport is located approximately 3,000 feet east of the project site. Based on the 2027 noise contours shown in the Norman Y. Mineta International Airport Master Plan Update Project Report (2010), the project site has an airport noise exposure of about 65 dBA CNEL. This noise level would be considered compatible with the proposed industrial use. **(Less than Significant Impact)**

## 4.14 POPULATION AND HOUSING

### 4.14.1 Environmental Setting

#### 4.14.1.1 *Regulatory Framework*

**State**

Housing-Element Law

State requirements mandating that housing be included as an element of each jurisdiction's general plan is known as housing-element law. The Regional Housing Need Allocation (RHNA) is the state-mandated process to identify the total number of housing units (by affordability level) that each jurisdiction must accommodate in its housing element. California housing-element law requires cities to: 1) zone adequate lands to accommodate its RHNA; 2) produce an inventory of sites that can accommodate its share of the RHNA; 3) identify governmental and non-governmental constraints to residential development; 4) develop strategies and a work plan to mitigate or eliminate those constraints; and 5) adopt a housing element and update it on a regular basis.[62] The City of Santa Clara Housing Element and related land use policies were last updated in 2014.

**Regional and Local**

Plan Bay Area 2040

Plan Bay Area 2040 is a long-range transportation, land-use, and housing plan intended to support a growing economy, provide more housing and transportation choices, and reduce transportation-related pollution and GHG emissions in the Bay Area. Plan Bay Area 2040 promotes compact, mixed-use residential and commercial neighborhoods near transit, particularly within identified Priority Development Areas (PDAs).[63]

ABAG allocates regional housing needs to each city and county within the nine-county San Francisco Bay Area, based on statewide goals. ABAG also develops forecasts for population, households, and economic activity in the Bay Area. ABAG, MTC, and local jurisdiction planning staff created the Regional Forecast of Jobs, Population, and Housing, which is an integrated land use and transportation plan through the year 2040 (upon which Plan Bay Area 2040 is based).

#### 4.14.1.2 *Existing Conditions*

According to the California Department of Finance, the City had a population of approximately 129,600 residents in 48,145 households as of January 2018.[64] Of the 129,600 residents, approximately 50 percent are employed residents.[65] There are approximately 137,000 jobs in the City (estimated by ABAG for 2020). In 2035, it is estimated that the City will have approximately

[62] California Department of Housing and Community Development. "Regional Housing Needs Allocation and Housing Elements" Accessed October 18, 2019. http://hcd.ca.gov/community-development/housing-element/index.shtml.
[63] Association of Bay Area Governments and Metropolitan Transportation Commission. "Project Mapper." http://projectmapper.planbayarea.org/.
[64] California Department of Finance. "E-5 City/County Population and Housing Estimates." May 2018. Accessed: October 18, 2019. http://www.dof.ca.gov/Forecasting/Demographics/Estimates/E-5/.
[65] Association of Bay Area Governments. *Plan Bay Area: Projections 2013*. December 2013.

154,825 residents, 54,830 households, 154,300 jobs and 72,080 employed residents.[66]

The jobs/housing relationship is quantified by the jobs/employed resident ratio. When the ratio reaches 1.0, a balance is struck between the supply of local housing and jobs. The jobs/housing resident ratio is determined by dividing the number of local jobs by the number of employed residents that can be housed in local housing.

The City of Santa Clara had an estimated 2.50 jobs for every employed resident in 2010.[67] The General Plan focuses on increased housing and the placement of housing near employment. As a result, the jobs to housing ratio is projected to slightly decrease to 2.48 by 2040[68] Some employees who work within the City are, and still would be, required to seek housing outside the community with full implementation of the General Plan.

The project site is developed with an industrial building. There are no residences on site.

### 4.14.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 1) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)? | ☐ | ☐ | ☒ | ☐ |
| 2) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere? | ☐ | ☐ | ☐ | ☒ |

| | |
|---|---|
| **Impact POP-1:** | The project would not induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure). **(Less than Significant Impact)** |

The project would demolish the existing building and associated parking lot on the site to construct a 121,170 sf data center. There would be up to nine employees on the site at any given time. Approval of the project would slightly decrease jobs in the City. The proposed project would not induce substantial population growth in the City or substantially alter the City's job/housing ratio, and would therefore result in a less than significant population and housing impacts. **(Less Than Significant Impact)**

[66] Ibid.
City of Santa Clara. 2010-2035 General Plan. December 2014.
[67] City of Santa Clara 2010-2035 General Plan. December 2014. Appendix 8.12 (Housing Element). Page 8.12-25.
[68] City of Santa Clara 2010-2035 General Plan Final Environmental Impact Report. 2011

| | |
|---|---|
| **Impact POP-2:** | The project would not displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere. **(No Impact)** |

The project would demolish the existing industrial building and construct a new industrial building. The project would not displace housing or residents. **(No Impact)**

## 4.15 PUBLIC SERVICES

### 4.15.1 Environmental Setting

#### 4.15.1.1 *Regulatory Framework*

**State**

Government Code Section 66477

The Quimby Act (Government Code Section 66477) was approved by the California legislature to set aside parkland and open space for recreational purposes. It provides provisions for the dedication of parkland and/or payment of fees in lieu of parkland dedication to help mitigate the impacts from new residential developments. This legislation was initiated in 1980's in response to California's increased rate of urbanization and the need to preserve open space and provide parks and recreation facilities for California's growing communities. The Quimby Act authorizes local governments to establish ordinances requiring developers of new residential subdivisions to dedicate parks, pay a fee in lieu of parkland dedication, or perform a combination of the two at the discretion of the City.

Government Code Section 65995 through 65998

California Government Code Section 65996 specifies that an acceptable method of offsetting a project's effect on the adequacy of school facilities is the payment of a school impact fee prior to the issuance of a building permit. Government Code Sections 65995 through 65998 set forth provisions for the payment of school impact fees by new development by "mitigating impacts on school facilities that occur (as a result of the planning, use, or development of real property" (Section 65996[a]). The legislation states that the payment of school impact fees "are hereby deemed to provide full and complete school facilities mitigation" under CEQA (Section 65996[b]).

Developers are required to pay a school impact fee to the school district to offset the increased demands on school facilities caused by the proposed residential development project. The school district is responsible for implementing the specific methods for mitigating school impacts under the Government Code.

**Regional and Local**

Countywide Trails Master Plan

The Santa Clara County Trails Master Plan Update is a regional trails plan approved by the Santa Clara County Board of Supervisors. It provides a framework for implementing the County's vision of providing a contiguous trail network that connects cities to one another, cities to the county's regional open space resources, County parks to other County parks, and the northern and southern urbanized regions of the County. The plan identifies regional trail routes, sub-regional trail routes, connector trail routes, and historic trails.

Santa Clara General Plan

Applicable public services General Plan policies include, but are not limited to, the following listed below.

| Policies | Description |
|---|---|
| 5.9.3-P3 | Maintain a City-wide average three-minute response time for 90 percent of police emergency service calls. |
| 5.9.3-P4 | Maintain a City-wide average three-minute response time for fire emergency service calls. |

### 4.15.1.2 *Existing Conditions*

**Fire Service**

The City of Santa Clara Fire Department (SCFD) consists of 10 stations distributed throughout the City to provide fire protection services. The closest fire station to the project site is Station 2 located at 1900 Walsh Ave, approximately one mile southwest of the project site.

The City also participates in the Santa Clara County Fire and Rescue Mutual Aid Response Plan to further ensure that fires and other emergencies are handled efficiently. Fire departments from neighboring and nearby jurisdictions and the Santa Clara County Fire Department are participating members of this plan. Neighboring departments work in conjunction to reduce reflex and response times. When a developing fire overburdens one department, other departments will send the necessary task force to reduce the burden.

**Police Service**

The City of Santa Clara Police Department (SCPD) headquarters is located at 601 El Camino Real, approximately three miles southeast of the project site. The SCPD has 239 full-time employees (159 sworn officers and 80 civilians) and a varying number of part-time or per diem employees, community volunteers, police reserves, and chaplains.[69]

**Parks**

The City of Santa Clara Parks and Recreation Department (Department) provides park and recreational services in the City. The Department is responsible for maintaining and programming the various parks and recreational facilities, and works cooperatively with public agencies in coordinating all recreational activities within the City. Overall, as of November 2019, the Department maintains and operates Central Park, a 45.04-acre community park (45.04 acres improved and Central Park North 34.93 acres unimproved, resulting in 79.97 acres), 27 neighborhood parks (121.261 acres improved and 9.389 acres unimproved resulting in 130.65 acres), 13 mini parks (2.59 acres improved and 3.189 acres unimproved resulting in 5.779 acres), public open space (16.13 acres improved and 40.08 acres unimproved resulting in 56.21 acres), recreational facilities (14.86 acres improved, 9.038 acres unimproved and excluding the Santa Clara Golf and Tennis Club/BMX track resulting in 23.898 acres), recreational trails (7.59 acres improved and 0.20 acres unimproved resulting in 7.79 acres), and joint use facilities (47.52 acres improved and 1.068 acres unimproved resulting in 48.588 acres) throughout the City totaling approximately 254.991 improved acres. Community parks are over fifteen acres, neighborhood parks are one to fifteen acres and mini parks are typically less than one acre in size.

[69] City of Santa Clara. "Santa Clara Police Department: About Us." Accessed: November 8, 2019. Available at: http://santaclaraca.gov/government/departments/police-department/about-us.

The closest neighborhood park to the project site is the Everett N. Eddie Souza Park and Community Garden located at the corner of San Tomas Expressway and Monroe Street, approximately 1.9 miles walking distance from the site.

### Schools

The project site is located within the Santa Clara Unified School District (SCUSD). Students in the project area attend Montague Elementary School located at 750 Laurie Avenue (approximately two miles north of the site), Cabrillo Middle School located at 2550 Cabrillo Avenue (approximately 2.3 miles southwest of the site), and Adrian Wilcox High School located at 3250 Monroe Street (approximately 2.7 miles west of the site).

### Libraries

Library services are provided by the Santa Clara City Library (SCCL). The City of Santa Clara is served by the Central Park Library located at 2635 Homestead Road (approximately 3.8 miles southwest of the site), Mission Library Family Reading Center located at 1098 Lexington Street (approximately three miles southeast of the site), and Northside Branch Library located at 695 Moreland Way (approximately 2.6 miles southwest of the site). These facilities total approximately 104,770 sf and have approximately 457,210 items combined.

## 4.15.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services: | | | | |
| 1) Fire Protection? | ☐ | ☐ | ☒ | ☐ |
| 2) Police Protection? | ☐ | ☐ | ☒ | ☐ |
| 3) Schools? | ☐ | ☐ | ☐ | ☒ |
| 4) Parks? | ☐ | ☐ | ☐ | ☒ |
| 5) Other Public Facilities? | ☐ | ☐ | ☐ | ☒ |

| | |
|---|---|
| **Impact PS-1:** | The project would not result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for fire protection services. **(Less than Significant Impact)** |

The project site is currently served by the Santa Clara Fire Department. The project's redevelopment of the site would not increase fire protection services to the site. The project would be constructed in conformance with current building and fire codes, and the Fire Department would review project plans to ensure appropriate safety features are incorporated to reduce fire hazards. The Fire Department, with Station 2 located one mile southwest of the site, would meet their response time goal to the site. For these reasons, the project would not require new or expanded fire protection facilities (the construction of which could cause significant environmental impacts) in order to maintain acceptable service ratios, response times or other performance objectives for fire protection services. **(Less than Significant Impact)**

| | |
|---|---|
| **Impact PS-2:** | The project would not result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for police protection services. **(Less than Significant Impact)** |

The project site is currently served by the Santa Clara Police Department. Like with fire protection services, the project's redevelopment of the site would not increase demand for police protection services to the site.

For this reason, the project would not require new or expanded police protection facilities (the construction of which could cause significant environmental impacts) in order to maintain acceptable service ratios, response times or other performance objectives for police protection services. In addition, the Police Department would review final site design, including proposed landscaping, access, and lighting, to ensure that the project provides adequate safety and security measures. **(Less than Significant Impact)**

| | |
|---|---|
| **Impact PS-3:** | The project would not result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for schools. **(No Impact)** |

The project proposes to redevelop the site with a data center. The project does not propose housing units or other uses that would generate new students and impact school facilities. The project,

therefore, would not require new or expanded school facilities, the construction of which could cause significant environmental impacts. **(No Impact)**

| | |
|---|---|
| **Impact PS-4:** | The project would not result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for parks. **(No Impact)** |

The proposed project would not generate substantial population growth in the project area or result in the use of public facilities in the City by new residents. Some employees at the project site may visit local parks; however, there would be fewer employees than currently work at the site, and so it is not anticipated that this use would create the need for any new facilities or adversely impact the physical condition of existing facilities. **(No Impact)**

| | |
|---|---|
| **Impact PS-5:** | The project would not result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for other public facilities. **(No Impact)** |

The proposed project would not generate substantial population growth in the project area or result in the use of public facilities in the City by new residents. Some employees at the project site may visit library facilities; however, there would be fewer employees than currently work at the site, and so it is not anticipated that this use would create the need for any new facilities or adversely impact the physical condition of existing facilities. **(No Impact)**

## 4.16 RECREATION

### 4.16.1 Environmental Setting

The City of Santa Clara Parks & Recreation Department (Department) provides parks and recreational services in the City. The Department is responsible for maintaining and programming the various parks and recreation facilities, and works cooperatively with public agencies in coordinating all recreational activities within the City. Overall, as of November 2019, the Department maintains and operates Central Park, a 45.04-acre community park (45.04 acres improved and Central Park North 34.93 acres unimproved, resulting in 79.97 acres), 27 neighborhood parks (121.261 acres improved and 9.389 acres unimproved resulting in 130.65 acres), 13 mini parks (2.59 acres improved and 3.189 acres unimproved resulting in 5.779 acres), public open space (16.13 acres improved and 40.08 acres unimproved resulting in 56.21 acres), recreational facilities (14.86 acres improved, 9.038 acres unimproved and excluding the Santa Clara Golf and Tennis Club/BMX track resulting in 23.898 acres), recreational trails (7.59 acres improved and 0.20 acres unimproved resulting in 7.79 acres), and joint use facilities (47.52 acres improved and 1.068 acres unimproved resulting in 48.588 acres) throughout the City totaling approximately 254.991 improved acres. Community parks are over fifteen acres, neighborhood parks are one to fifteen acres and mini parks are typically less than one acres in size.

The Department of Parks and Recreation also maintains a strong recreational program that supports a wide variety of activities. The Community Recreation Center, is the hub of the City's recreation programs. The area in Central Park west of Saratoga Creek contains group and individual picnic facilities, playgrounds, restroom facilities, an amphitheater, two lighted tennis courts, basketball courts, and the Veterans Memorial. East of the creek is the world famous George F. Haines International Swim Center, Bob Fatjo Sports Center which includes the Tony Sanchez Field as well as a second lighted softball field, the Santa Clara Tennis Center with eight lighted tennis courts and a practice wall, open space, a lake, large group picnic areas, restroom facilities, a lawn bowling green, and an exercise course.

In addition to the parklands and facilities within Central Park, the City currently has a gymnastics center, a bicycle track, a dog park, golf and tennis club, a youth activity center, a teen center, a senior center, and a skate park. The City's recreational system is augmented by local school facilities, which are available to the general public after school hours.

#### 4.16.1.1 *Regulatory Framework*

**State**

Government Code Section 66477

The Quimby Act (Government Code Section 66477) was approved by the California legislature to set aside parkland and open space for recreational purposes. It provides provisions for the dedication of parkland and/or payment of fees in lieu of parkland dedication to help mitigate the impacts from new residential developments. This legislation was initiated in 1980's in response to California's increased rate of urbanization and the need to preserve open space and provide parks and recreation facilities for California's growing communities. The Quimby Act authorizes local governments to

establish ordinances requiring developers of new residential subdivisions to dedicate parks, pay a fee in lieu of parkland dedication, or perform a combination of the two at the discretion of the City.

**Local**

Santa Clara General Plan

Applicable recreational services General Plan policies, include, but are not limited to, the following listed below.

| Policies | Description |
|---|---|
| Prerequisite | |
| 5.1.1-P20 | Prior to 2023, identify the location for new parkland and/or recreational facilities to serve employment centers and pursue funding to develop these facilities by 2035. |

### 4.16.1.2 *Existing Conditions*

The closest neighborhood park to the project site is San Tomas and Monroe Neighborhood Park and Community Garden, approximately 1.9 miles northeast of the project site.

### 4.16.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| 1) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility will occur or be accelerated? | ☐ | ☐ | ☐ | ☒ |
| 2) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment? | ☐ | ☐ | ☐ | ☒ |

**Impact REC-1:** The project would not increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated. **(No Impact)**

The proposed project would not increase employment nor generate new residents. Although employees may use nearby parks and recreational facilities, there would be fewer employees than currently work at the site; thus, this would not have an impact on these facilities such that substantial physical deterioration of the facility would occur or be accelerated. **(No Impact)**

| | |
|---|---|
| **Impact REC-2:** | The project would not include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment. **(No Impact)** |

The project would include a break room for employees. The project would not require the construction or expansion of recreational facilities and therefore would not have an adverse physical effect on the environment. **(No Impact)**

## 4.17 TRANSPORTATION

### 4.17.1 Environmental Setting

#### 4.17.1.1 *Regulatory Framework*

**State**

Regional Transportation Plan

MTC is the transportation planning, coordinating, and financing agency for the nine-county San Francisco Bay Area, including Santa Clara County. MTC is charged with regularly updating the Regional Transportation Plan, a comprehensive blueprint for the development of mass transit, highway, airport, seaport, railroad, bicycle, and pedestrian facilities in the region. MTC and ABAG adopted Plan Bay Area 2040 in July 2017, which includes a Regional Transportation Plan to guide regional transportation investment for revenues from federal, state, regional and local sources through 2040.

Senate Bill 743

SB 743 establishes criteria for determining the significance of transportation impacts using a vehicle miles traveled (VMT) metric intended to promote the reduction of GHG emissions, the development of multimodal transportation networks, and a diversity of land uses. Specifically, SB 743 requires the replacement of automobile delay—described solely by level of service (LOS) or similar measures of vehicular capacity or traffic congestion—with VMT as the recommended metric for determining the significance of transportation impacts. The Governor's Office of Planning and Research (OPR) approved the CEQA Guidelines implementing SB 743 on December 28, 2018. Local jurisdictions are required to implement a VMT policy by July 1, 2020.

SB 743 did not authorize OPR to set specific VMT impact thresholds, but it did direct OPR to develop guidelines for jurisdictions to utilize. CEQA Guidelines Section 15064.3(b)(1) describes factors that might indicate whether a development project's VMT may be significant. Notably, projects located within 0.50 mile of transit should be considered to have a less than significant transportation impact based on OPR guidance. In adopting its VMT threshold, the City followed the state guidance and exempted "transit supportive projects," which are projects located within .50 miles of a major transit stop, or an existing transit stop along a high-quality transit corridor, where the project FAR is at least 0.75. The City's VMT policy also exempts projects that generate 110 daily trips or less.

**Regional and Local**

Congestion Management Program

VTA oversees the Congestion Management Program (CMP), which is aimed at reducing regional traffic congestion. The relevant state legislation requires that urbanized counties in California prepare a CMP in order to obtain each county's share of gas tax revenues. State legislation requires that each CMP define traffic LOS standards, transit service standards, a trip reduction and transportation demand management plan, a land use impact analysis program, and a capital improvement element.

VTA has review responsibility for proposed development projects that are expected to affect CMP-designated intersections.

Santa Clara General Plan

General Plan policies applicable to transportation/traffic relevant to the proposed project include the following.

| Policies | Description |
|---|---|
| 5.4.1-P11 | Locate parking at the side or rear of parcels and active uses along street frontages. |
| 5.8.1-P5 | Work with local, regional, State and private agencies, as well as employers and residents, to encourage programs and services that reduce vehicle miles traveled. |
| 5.8.2-P1 | Require that new and retrofitted roadways implement "Full-Service Streets" standards, including minimal vehicular travel lane widths, pedestrian amenities, adequate sidewalks, street trees, bicycle facilities, transit facilities, lighting and signage, where feasible. |
| 5.8.3-P8 | Require new development to include transit stop amenities, such as pedestrian pathways to stops, benches, traveler information and shelters. |
| 5.8.3-P9 | Require new development to incorporate reduced on-site parking and provide enhanced amenities, such as pedestrian links, benches and lighting, in order to encourage transit use and increase access to transit services. |
| 5.8.4-P6 | Require new development to connect individual sites with existing and planned bicycle and pedestrian facilities, as well as with on-site and neighborhood amenities/services, to promote alternate modes of transportation. |
| 5.8.4-P8 | Require new development and public facilities to provide improvements, such as sidewalks, landscaping and bicycling facilities, to promote pedestrian and bicycle use. |
| 5.8.4-P9 | Encourage pedestrian- and bicycle-oriented amenities, such as bicycle racks, benches, signalized mid-block crosswalks, and bus benches or enclosures. |
| 5.8.4-P10 | Encourage safe, secure and convenient bicycle parking and end-of-trip, or bicycle "stop" facilities, such as showers or bicycle repair near destinations for all users, including commuters, residents, shoppers, students and other bicycle travelers. |
| 5.8.5-P1 | Require new development and City employees to implement TDM programs that can include site-design measures, including preferred carpool and vanpool parking, enhanced pedestrian access, bicycle storage and recreational facilities. |
| 5.8.5-P5 | Encourage transportation demand management programs that provide incentives for the use of alternative travel modes to reduce the use of single-occupancy vehicles. |
| 5.8.6-P3 | Encourage flexible parking standards that meet business and resident needs as well as avoid an oversupply in order to promote transit ridership, bicycling and walking. |
| 5.8.6-P11 | Encourage development to "unbundle" parking spaces from leases and purchases to provide greater choices. |

#### 4.17.1.2 *Existing Conditions*

**Regional Roadway Access**

Regional access to the project site is provided by Highway 101 (US 101) and Central Expressway as described below.

*US 101* provides access to the project site via De La Cruz Boulevard and San Tomas Expressway. US 101 is a regional north/south freeway with six mixed-flow lanes and two high occupancy vehicle lanes in the project area. US 101 extends through the entire Bay Area north of San Francisco and south of San José.

Central Expressway is a regional east/west expressway with four lanes. Central Expressway extends from San Antonio Road in Mountain View to De La Cruz Boulevard in Santa Clara.

**Local Roadway Access**

Local access to the project site is provided via Lafayette Street, Comstock Street and Kenneth Street. These roadways are described below.

*Lafayette Street* is a north/south four-to-five-lane arterial road in the vicinity of the site. It extends from Alviso in North San Jose to Poplar Street in Santa Clara. North of Reed Street, Lafayette Street operates as a six-lane roadway with two lanes in each direction and a center turn lane. South of Reed Street, Lafayette Street is a four-lane roadway with two lanes in each direction. Lafayette Street is east of the project site and provides access via Comstock Street.

*Comstock Street* is an east/west two-lane roadway in the vicinity of the project site. It extends from Scott Boulevard to the Union Pacific Railroad (UPRR) tracks.

*Kenneth Street* is a north/south two-lane roadway in the vicinity of the project site. It extends from Comstock Street to Duane Avenue. Kenneth Street is west of the project site and provides access via Comstock Street.

**Existing Transit Service**

Bus Service

The nearest bus stop to the project site is the Scott Boulevard and Space Park stop, approximately 0.4 miles west of the project site. Local routes 58, 60, 304 and 827 provide bus service to the Scott Boulevard and Space Park stop. [70]

Caltrain and ACE

The Santa Clara Caltrain station is located approximately three miles southwest of the project site, near Railroad Avenue and El Camino Real. Caltrain commuter rail service between San Francisco to Gilroy and the Altamont Commuter Express (ACE) rail service between Stockton and San Jose both

[70] Santa Clara Valley Transportation Authority. *Bus and Rail Map.* https://www.vta.org/sites/default/files/2019-07/VTA%20Main%20Map%20JUL%202019.pdf Accessed on November 11, 2019.

stop at the Santa Clara Caltrain Station. Caltrain provides service with 15- to 30-minute headways during commute hours. The ACE rail service operates four trains during the morning and afternoon commute periods.

**Bicycle and Pedestrian Facilities**

Bicycle Facilities

Bicycle facilities comprise paths (Class I), lanes (Class II), and routes (Class III). Bicycle paths are paved trails that are separate from roadways. Bicycle lanes are lanes on roadways designated for bicycle use by striping, pavement legends, and signs. Bicycle routes are roadways designated for bicycle use by signs only. Class II bike lanes are located on Scott Boulevard.[71]

Pedestrian Facilities

Pedestrian access to the site is provided by sidewalks on the site's southern frontage on Comstock Street.

### 4.17.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 1) Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadways, bicycle lanes, and pedestrian facilities? | ☐ | ☐ | ☒ | ☐ |
| 2) Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)? | ☐ | ☐ | ☒ | ☐ |
| 3) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible land uses (e.g., farm equipment)? | ☐ | ☐ | ☐ | ☒ |
| 4) Result in inadequate emergency access? | ☐ | ☐ | ☒ | ☐ |

[71] Silicon Valley Bicycle Coalition. *Maps.* https://bikesiliconvalley.org/maps/ Accessed November 12, 2019.

| | |
|---|---|
| **Impact TRN-1:** | The project would not conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadways, bicycle lanes, and pedestrian facilities. **(Less than Significant Impact)** |

The City of Santa Clara currently adopted its VMT policy in June 2020. The policy states that small projects, which are considered projects that generate 110 daily trips or less, are exempt from VMT analysis. Additionally, the VTA Congestion Management Plan (CMP) guidelines state that a project's traffic impacts should be analyzed during the weekday AM and PM peak periods if it will add more than 100 peak hour trips to the roadway network. Based upon Trip Generation analysis below, the project would not exceed the 100 peak hour trips threshold. As a result, no formal traffic impact analysis to evaluate changes in intersection level of service is required or proposed.

**Vehicle Trips**

The project would have low employment intensity and would not generate substantial vehicle trips. Trip generation rates for the project were based on the Institute of Transportation Engineers' (ITE) Trip Generation Manual, Tenth Edition's trip generation rates for data centers (land use code 160), which use rates based on actual survey data. The rate assumes 0.99 daily trips per 1,000 sf. Based on ITE rates, the project would generate up to 120 daily vehicle trips, with 13 AM peak hour trips and 11 PM peak hour trips. This represents a conservative estimate, as the project would have nine employees, and therefore is highly unlikely to generate 120 daily trips. Based on ITE trip rates for general light industrial uses (land use code 110), the existing building generates 118 daily trips, 17 AM peak hour trips, and 15 PM peak hour trips. The project would result in a nominal increase of two daily trips, and a decrease of four peak AM trips and four PM peak hour trips. The project, therefore, would not conflict with programs, plans, ordinances or polices addressing the circulation system as it pertains to roadway.

The City's Climate Action Plan includes VMT reduction requirements for projects located within one of four designated transportation districts. The project site is located within Transportation District 1 with a General Plan land use designation of Low Intensity Office/R&D and is therefore required to have a 25 percent VMT reduction, 10 percent coming from a transportation demand management program. The project would be required to implement a TDM program that would include measures such as: preferred carpool and vanpool parking, enhanced pedestrian access, bicycle storage and recreational facilities. With implementation of the TDM, the project would reduce the number of trips generated by approximately 25 percent, the project would further reduce trips generated, resulting in a less than significant impact.

**Bicycle and Pedestrian Facilities**

The project would retain the existing sidewalk on Comstock Street, and would therefore not conflict with pedestrian circulation in the area.

The project would replace the existing driveway with two new driveways. Modifications to the site along the project frontage would not conflict with bicyclists.

### Transit Facilities

VTA, Caltrain and ACE provide transit service within the project vicinity. The nearest bus stop to the project site is the Scott Boulevard and Space Park stop, approximately 0.4 miles west of the project site. Local routes 58, 60, 304 and 827 provide bus service to the Scott Boulevard and Space Park bus stop. There are adequate pedestrian pathways connecting the project site to the bus stop.

Due to the low number of employees and visitors expected at the proposed data center, the project would not adversely impact levels of service at nearby transit facilities. **(Less than Significant Impact)**

| | |
|---|---|
| **Impact TRN-2:** | The project would not conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b). **(Less than Significant Impact)** |

The CEQA Guidelines Section 15064.3, Subdivision (b)(1) states that land use projects with vehicle miles traveled (VMT) exceeding an applicable threshold of significance may indicate a significant impact. For industrial projects such as the proposed data center, the City's VMT policy states that a project would have a significant impact if the VMT per employee is greater than the existing Countywide VMT per employee. The VTA's VMT Evaluation Tool was used to determine the project's VMT in comparison to the Countywide average. The VMT Evaluation Tool determined that the project's VMT per employee would be 16.03, which is below the Countywide average of 16.64 (refer to Appendix F). Additionally, the City's Climate Action Plan requires the project to achieve a 25 percent VMT reduction, 10 percent coming from a transportation demand management program. As a result, the project's VMT would be even lower than shown in the VMT Evaluation Tool. The project does not exceed applicable thresholds of significance in the City's VMT policy nor in the VTA Congestion Management Plan guidelines. Therefore, the project would not conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b). **(Less Than Significant Impact)**

| | |
|---|---|
| **Impact TRN-3:** | The project would not substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment). **(No Impact)** |

The project does not substantially increase hazards. The project would not alter the shape of the road, create any sharp curves or dangerous intersections. **(No Impact)**

| | |
|---|---|
| **Impact TRN-4:** | The project would not result in inadequate emergency access. **(Less than Significant Impact)** |

Emergency access would be provided to the site via the two proposed driveways on Comstock Street. The City of Santa Clara standards require two-way driveways providing access to all properties be a minimum width of 22 feet (20-foot pavement with one-foot clearance on each side). The main driveway would be 26-feet wide and the secondary driveway would be 22-feet wide. The final site design would be required to be consistent with regulatory requirements for fire truck access. **(Less Than Significant Impact)**

## 4.18 TRIBAL CULTURAL RESOURCES

### 4.18.1 Environmental Setting

#### 4.18.1.1 *Regulatory Framework*

**State**

Assembly Bill 52

AB 52, effective July 2015, established a new category of resources for consideration by public agencies called Tribal Cultural Resources (TCRs). AB 52 requires lead agencies to provide notice of projects to tribes that are traditionally and culturally affiliated with the geographic area if they have requested to be notified. Where a project may have a significant impact on a tribal cultural resource, consultation is required until the parties agree to measures to mitigate or avoid a significant effect on a tribal cultural resource or until it is concluded that mutual agreement cannot be reached.

Under AB 52, TCRs are defined as follows:

- Sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that are also either:
    - Included or determined to be eligible for inclusion in the California Register of Historic Resources, or
    - Included in a local register of historical resources as defined in Public Resources Code Section 5020.1(k).
- A resource determined by the lead agency to be a TCR.

#### 4.18.1.2 *Existing Conditions*

No Native American tribes have contacted the City pursuant to AB52 to be notified about projects within the City for purposes of requesting consultation.

### 4.18.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: | | | | |
| 1) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)? | ☐ | ☐ | ☐ | ☒ |
| 2) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe. | ☐ | ☐ | ☐ | ☒ |

**Impact TCR-1:** The project would not cause a substantial adverse change in the significance of a tribal cultural resource that is listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k). **(No Impact)**

As discussed in Section 4.18.1.2, no tribes have sent written requests for notification of projects to the City of Santa Clara under AB 52. Based on available data, there are no recorded tribal cultural objects in the project area.[72] Any subsurface artifacts found on-site would be addressed consistent with mitigation measures CUL-1.1, CUL-1.2, and CUL-3.1 in *Section 4.5 Cultural Resources*. Therefore, the proposed project would have no impact on tribal cultural resources. **(No Impact)**

[72] A Sacred Lands Search was completed by the NAHC for a project at 2825 Lafayette Street, roughly 900 feet southeast of the project site. The search found no sacred lands in the project area. The 1111 Comstock Data Center is within the same quadrangle (7.5 Milpitas 1983) as the 2825 Lafayette Street Project, and was covered by this search. Therefore, there are no sacred lands within the project site.

| | |
|---|---|
| **Impact TCR-2:** | The project would not cause a substantial adverse change in the significance of a tribal cultural resource that is determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. **(No Impact)** |

No Native American tribal resources have been identified at the site. See the response to Impact TCR-1. **(No Impact)**

## 4.19 UTILITIES AND SERVICE SYSTEMS

### 4.19.1 Environmental Setting

#### 4.19.1.1 *Regulatory Framework*

**State**

State Water Code

Pursuant to the State Water Code, water suppliers providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre-feet (approximately 980 million gallons) of water annually must prepare and adopt an urban water management plan (UWMP) and update it every five years. As part of a UWMP, water agencies are required to evaluate and describe their water resource supplies and projected needs over a 20-year planning horizon, water conservation, water service reliability, water recycling, opportunities for water transfers, and contingency plans for drought events. The City of Santa Clara adopted its most recent UWMP in November 2016.

Assembly Bill 939

The California Integrated Waste Management Act of 1989, or AB 939, established the Integrated Waste Management Board, required the implementation of integrated waste management plans, and mandated that local jurisdictions divert at least 50 percent of solid waste generated (from 1990 levels), beginning January 1, 2000, and divert at least 75 percent by 2010. Projects that would have an adverse effect on waste diversion goals are required to include waste diversion mitigation measures.

Assembly Bill 341

AB 341 sets forth the requirements of the statewide mandatory commercial recycling program Businesses that generate four or more cubic yards of garbage per week and multi-family dwellings with five or more units in California are required to recycle. AB 341 sets a statewide goal for 75 percent disposal reduction by the year 2020.

Senate Bill 1383

SB 1383 establishes targets to achieve a 50 percent reduction in the level of the statewide disposal of organic waste from the 2014 level by 2020 and a 75 percent reduction by 2025. The bill grants CalRecycle the regulatory authority required to achieve the organic waste disposal reduction targets and establishes an additional target that at least 20 percent of currently disposed edible food is recovered for human consumption by 2025.

#### 4.19.1.2 *Existing Conditions*

**Water Services**

Water is provided to the site by the City of Santa Clara Water Utility. The system consists of more than 335 miles of water mains, 26 active wells, and seven storage tanks with approximately 28.8

million gallons of water capacity.[73] Drinking water is provided by an extensive underground aquifer (accessed by the City's wells) and by two wholesale water importers: Valley Water (imported from the Sacramento-San Joaquin Delta) and the San Francisco Hetch-Hetchy System (imported from the Sierra Nevada). The three sources are used interchangeably or are blended together. A water recharge program administered by Valley Water from local reservoirs and imported Sacramento-San Joaquin Delta water enhances the dependability of the underground aquifer.

The existing water use on-site is approximately 956,000 gallons per year.[74]

### Recycled Water

Tertiary treated (or 'recycled') water serves as a fourth source of water supply and comprises approximately 16.7 percent of the City's overall water supply (in 2015). Recycled water is supplied from South Bay Recycled Water, which provides advanced tertiary treated water from the San Jose—Santa Clara Regional Wastewater Facility (formerly known as the San Jose/Santa Clara Water Pollution Control Plant). The City of Santa Clara recycles approximately one percent of its water through non-potable uses by businesses, industries, parks, and schools along pipeline routes. The City's recycled water program delivers recycled water throughout the City for landscaping, parks, public services and businesses. The nearest recycled water line is located in Comstock Street, which connects to a larger line in Lafayette Street.[75]

### Wastewater

The City of Santa Clara Departments of Public Works and Water and Sewer Utilities are responsible for the wastewater collection system within the City. Wastewater is collected by sewer systems in Santa Clara and is conveyed by pipelines to the Regional Wastewater Facility (RWF) located in San José. The RWF is one of the largest advanced wastewater treatment facilities in California and serves over 1,400,000 people in San José, Santa Clara, Milpitas, Campbell, Cupertino, Los Gatos, Saratoga, and Monte Sereno.[76] The RWF has available capacity to treat up to 167 million gallons per day (mgd). The RWF presently operates at an average dry weather flow of 110 mgd, which is 57 mgd (or 35 percent) under the facility's 167 mgd treatment capacity.[77] Approximately 10 percent of the plant's effluent is recycled for non-potable uses and the remainder flows into San Francisco Bay.

The existing wastewater generation on-site is approximately 860,400 gallons per year.[78] Wastewater from the site currently discharges via a 12-inch lateral to an existing sanitary sewer line that flows along Comstock Street. The flow is conveyed to the San José/Santa Clara Regional Wastewater Facility. Sanitary sewer lines that serve the project site are maintained by the City of Santa Clara Sewer Utility.

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[73] City of Santa Clara. "Water Utility." Accessed: October 30, 2019. http://santaclaraca.gov/government/departments/water-sewer-utilities/water-utility.
[74] Personal Communication. Kolar, John. Integra Mission Critical. September 10, 2019.
[75] City of Santa Clara. *Recycled Water System Map City of Santa Clara, California.* Updated July 2012.
[76] City of San José. "San José-Santa Clara Regional Wastewater Facility." Accessed: October 30, 2019. http://www.sanjoseca.gov/index.aspx?NID=1663.
[77] City of Santa Clara. 2010-2035 General Plan Integrated Final Environmental Impact Report. SCH# 2008092005. January 2011.
[78] This number equates to 90 percent of the estimated water usage in the existing building.

### Storm Drainage

The City of Santa Clara owns and maintains the municipal storm drainage system which serves the project site. Stormwater from the site flows to the existing storm drain line in Comstock Street.

### Solid Waste

Solid waste collection in the City of Santa Clara is provided by Mission Trail Waste System through a contract with the City. Mission Trail Waste System also has a contract to implement the Clean Green portion of the City's recycling plan by collecting yard waste. All other recycling services are provided through Stevens Creek Disposal and Recycling. The City has an arrangement with the owners of the Newby Island Landfill, located in San José, to provide disposal capacity for the City of Santa Clara through 2024. The City of San José approved expansion of Newby Island Landfill in August 2012 and the landfill could continue to provide disposal capacity to Santa Clara beyond 2024. Prior to 2024, the City would need to amend their contract with Newby Island or contract with another landfill operator which would be subject to environmental review. Newby Island Landfill is currently in the process of seeking authorization from San José to expand the permitted capacity and accept an additional 15.1 million cubic yards and extend its closure date to 2041.[79] If the landfill is not available to accept waste, the City will prepare a contract with another landfill, such as Guadalupe Mines in San José, which is anticipated to close in 2048.

In addition to SB 1383, as discussed in Section 4.19.1.1, the City of Santa Clara has a construction debris diversion ordinance which requires all projects over 5,000 sf to divert a minimum 50 percent of construction and demolition debris from landfills.

The existing office building generates approximately 80.5 tons of solid waste per year.[80]

### Natural Gas and Electricity Services

Electric service is provided to the site by Silicon Valley Power and natural gas is provided by Pacific Gas and Electric (PG&E). Electric and natural gas lines serving the site are located underground.

[79] The Mercury News. "San José to Study Odors from Newby Island Landfill Before Considering Any Expansion." Accessed: April 24, 2018. Available at: https://www.mercurynews.com/2016/01/14/san-jose-to-study-odors-from-newby-island-landfill-before-considering-any-expansion/.

[80] California Air Pollution Control Officers Association (CAPCOA). CalEEMod. Appendix D Calculation Detail for CalEEMod. October 2017. Table 10.1 Solid Waste Disposal Rates. Accessed November 8, 2019. Available at: http://www.aqmd.gov/docs/default-source/caleemod/05_appendix-d2016-3-2.pdf?sfvrsn=4.

## Local

General Plan

General Plan policies applicable to utilities and service systems include, but are not limited to, the following listed below.

| Policies | Description |
|---|---|
| Prerequisite Policies | |
| 5.1.1-P3 | Prior to the implementation of Phase III of the General Plan, undertake a comprehensive assessment of water, sanitary sewer conveyance, wastewater treatment, solid waste disposal, storm drain, natural gas, and energy demand and facilities in order to ensure adequate capacity and funding to implement the necessary improvements to support development in the next phase. |
| 5.1.1-P21 | Prior to 2023, identify and secure adequate solid waste disposal facilities to serve development in Phase III. |
| 5.10.1-P6 | Require adequate wastewater treatment and sewer conveyance capacity for all new development. |
| General Land Use | |
| 5.3.1-P9 | Require that new development provide adequate public services and facilities, infrastructure, and amenities to serve the new employment or residential growth. |
| 5.3.1-P11 | Encourage new developments proposed within a reasonable distance of an existing or proposed recycled water distribution system to utilize recycled water for landscape irrigation, industrial processes, cooling and other appropriate uses to reduce water use consistent with the CAP. |
| 5.3.1-P27 | Encourage screening of above-ground utility equipment to minimize visual impacts. |
| 5.3.1-P28 | Encourage undergrounding of new utility lines and utility equipment throughout the City. |
| Safety | |
| 5.10.5-P20 | Maintain, upgrade and replace storm drains throughout the City to reduce potential flooding. |
| 5.10.5-P21 | Require that storm drain infrastructure is adequate to serve all new development and is in place prior to occupancy. |

### 4.19.2 Impact Discussion

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| Would the project: | | | | |
| 1) Require or result in the relocation or construction of new or expanded water, wastewater treatment or stormwater drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects? | ☐ | ☐ | ☒ | ☐ |
| 2) Have insufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years? | ☐ | ☐ | ☒ | ☐ |
| 3) Result in a determination by the wastewater treatment provider which serves or may serve the project that it does not have adequate capacity to serve the project's projected demand in addition to the provider's existing commitments? | ☐ | ☐ | ☒ | ☐ |
| 4) Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals? | ☐ | ☐ | ☒ | ☐ |
| 5) Be noncompliant with federal, state, and local management and reduction statutes and regulations related to solid waste? | ☐ | ☐ | ☒ | ☐ |

**Impact UTL-1:** The project would not require or result in the relocation or construction of new or expanded water, wastewater treatment or stormwater drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects. **(Less than Significant Impact)**

**Water Facilities**

The project would install a new two-inch water line on-site with service connections to the existing water main in Comstock Street. The new and existing water system infrastructure would be adequate to meet the demands of the project.

**Sanitary Sewer System/Wastewater Treatment Facilities**

Based on the City's General Plan, the RWF has the capacity to treat 167 million gallons of wastewater a day. Based on 2009 data, the City's average dry weather flow is 13.3 mgd while the treatment capacity is 23 mgd. The proposed project would generate approximately 288,000 gallons

per year of wastewater.[81] The proposed project would decrease the amount of wastewater generation on the site, and therefore would not increase the need for wastewater treatment beyond the capacity of the RWF. The RWF has the ability to treat wastewater generated by the proposed project and, as a result, the project would not have a significant impact on the capacity of the RWF.

The proposed project would replace existing sanitary sewer lines on the site with six inch sanitary lines with manhole connections. The new sanitary lines would connect to existing sewer lines on Comstock Street. No capacity improvement would be needed to serve the proposed development.

### Storm Drainage System

The project would result in a net decrease of 21,853 sf in impervious surfaces at the site, thereby resulting in a corresponding net decrease in runoff. The project would remove the existing on-site storm drain line and catch basins and install six-inch storm drain lines with manhole connections, catch basins with a surrounding cobble band, and overflow drain replacements. The storm drainage system would connect to the 12-inch storm drain line crossing Comstock Street and drain to the 30-inch storm drain main along Central Expressway. The project, therefore, would not result in a net increase in runoff from the site and the existing and new storm drainage system would be adequate to serve the project.

### Electric Power, Natural Gas, and Telecommunications

The project would not utilize natural gas. The project would connect to an existing underground electric line in Comstock Street. An electrical duct bank would be installed on Comstock Street in front of the proposed building that would connect to a new SVP switch on the south side of the proposed building. Utility improvements other than those proposed by the project and analyzed in this Initial Study would not be required.

| | |
|---|---|
| **Impact UTL-2:** | The project would not have insufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years. **(Less than Significant Impact)** |

Currently, development on-site uses approximately 956,000 gallons of water annually. It is estimated the project would use approximately 812,000 gallons of water per year.[82] The project, therefore, would result in a net decrease in water demand of 144,000 gallons per year compared to existing conditions.

The City's 2015 Urban Water Management Plan (UWMP) concluded that sufficient water supplies are available to serve forecasted water demands under normal water year (non-drought) conditions and during multiple dry weather (drought) years. The City concluded that with projected supply totals and implementation of conservation measures consistent with its Water Shortage Contingency Plan, the retailer would be able to meet the projected demand during multiple dry water years.

[81] Personal Communication. Kolar, John. Integra Mission Critical.
[82] Personal Communication. Kolar, John. Integra Mission Critical. September 10, 2019.

The City's Water Utility has sufficient water supplies to meet the projected water demand of the City (including water demand from existing uses) and the proposed project during normal, single dry year, and multiple dry year scenarios. **(Less Than Significant Impact)**

| | |
|---|---|
| **Impact UTL-3:** | The project would not result in a determination by the wastewater treatment provider which serves or may serve the project that it does not have adequate capacity to serve the project's projected demand in addition to the provider's existing commitments. **(Less than Significant Impact)** |

As described in the discussion under Impact UTL-1, the RWF has the ability to treat wastewater generated by the proposed project and, as a result, the project would not have a significant impact on the capacity of the RWF. **(Less Than Significant Impact)**

| | |
|---|---|
| **Impact UTL-4:** | The project would not generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals. **(Less than Significant Impact)** |

The Newby Island Landfill, located in San José, has an agreement with the City to provide disposal capacity through 2024. The proposed project would generate a total of approximately 10.4 tons of solid waste per year.[83] This is 70.1 tons per year less than the solid waste currently generated on-site.

The proposed project would comply with the City's construction debris diversion ordinance and state waste diversion requirements. If the Newby Island Landfill is not available to accept waste after 2024, the City will prepare a contract with another landfill with capacity, such as Guadalupe Mines in San José, which is not anticipated to close until 2048. Because the project can be served by a landfill with capacity and would result in a decrease in solid waste or recyclable materials, the project's impacts related to solid waste and landfill capacity would be less than significant. **(Less than Significant Impact)**

| | |
|---|---|
| **Impact UTL-5:** | The project would not be noncompliant with federal, state, and local management and reduction statutes and regulations related to solid waste. **(Less than Significant Impact)** |

The construction and operation of the project would comply with federal, state, and local regulations related to diversion of materials from disposal and appropriate disposal of solid waste. **(Less than Significant Impact)**

[83] The solid waste generation is based on CalEEMod's solid waste generation rate of 1.15 tons per employee per year for light industrial use.

## 4.20 WILDFIRE

### 4.20.1 Environmental Setting

The project site is not located in or near state responsibility areas or lands classified as very high fire hazard severity zones.[84]

### 4.20.2 Impact Discussion

For the purpose of determining the significance of the project's impact on wildfire, if located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:

1) Substantially impair an adopted emergency response plan or emergency evacuation plan?
2) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?
3) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?
4) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

#### 4.20.2.1 *Project Impacts*

The project site is not located in or near state responsibility areas or lands classified as very high fire hazard severity zones; therefore, the project would not result in wildfire impacts. **(No Impact)**

[84] Sources: 1) State of California Department of Forestry and Fire Protection. *San Mateo County Fire Hazard Severity Zones in SRA.* Adopted November 7, 2007. and 2) State of California Department of Forestry and Fire Protection. *Redwood City Very High Fire Hazard Severity Zones in LRA As Recommended by CAL FIRE.* Adopted November 24, 2008.

## 4.21 MANDATORY FINDINGS OF SIGNIFICANCE

| | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact |
|---|---|---|---|---|
| 1) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory? | ☐ | ☒ | ☐ | ☐ |
| 2) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.) | ☐ | ☒ | ☐ | ☐ |
| 3) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? | ☐ | ☒ | ☐ | ☐ |

**Impact MFS-1:** As mitigated, the project does not have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory. **(Less than Significant Impact with Mitigation)**

The project would not result in significant impacts to the environment and, therefore, would not have the potential to substantially degrade the quality of the environment.

The project is located in an urban area and is largely devoid of sensitive biological resources. Measures included in the project would ensure impacts to nesting birds are reduced to less than significant levels. The project would not substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal.

There are no known historic, cultural, or tribal resources on or adjacent to the site. The project includes measures to reduce potential impacts to unknown buried resources on the site, should they be encountered, to less than significant levels. The project, therefore, would not eliminate important examples of the major periods of California history or prehistory.

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| **Impact MFS-2:** | As mitigated, the project does not have impacts that are individually limited, but cumulatively considerable. **(Less than Significant Impact with Mitigation)** |

A number of projects have been recently approved, reasonably foreseeable, or are under development in the City of Santa Clara in the vicinity of the project site. These include the development or redevelopment of residential, industrial, and office uses. While these individual projects may result in significant impacts in particular issue areas, it is assumed that the projects will comply with existing regulations and statutes, and will incorporate measures to reduce potential impacts to a less than significant level, if necessary. For example, all projects are required to incorporate best management practices and comply with local and regional regulations to reduce impacts to water quality to the maximum extent feasible. With the proposed project's adherence to applicable policies in the City's General Plan, project impacts would not contribute to cumulatively considerable impacts. Given the project's location and proposed operation, areas of particular concern for cumulative impacts are energy, air quality, and GHG emissions. These impact areas are discussed in further detail below.

### Energy

Energy impacts are cumulative in nature in that they are tied to local and regional energy supplies. Electricity for the proposed project would be provided by Silicon Valley Power (SVP), which is the public electric utility of the City of Santa Clara. Santa Clara currently has ownership interest, or has purchase agreements for 1,268.45 MW of electricity.[85] In 2017, approximately 38 percent of that generation is eligible as renewable (as defined by the California Energy Commission) and an additional 34 percent is otherwise a non-GHG emitting resource (i.e. large-hydroelectric).[86] This capacity far exceeds City of Santa Clara's current peak electricity demand of approximately 526.2 MW. No new peak capacity generation is necessary to meet the capacity requirements of new construction, or redeveloped facilities within the City to meet the near or projected future demand. Additionally, the project would not have a significant adverse effect on local or regional diesel fuel supplies and will not create a significant adverse impact on California's energy resources.

### Air Quality

Past, present and future development projects contribute to the region's adverse air quality impacts on a cumulative basis. By its very nature, air pollution is largely a cumulative impact. No single project is sufficient in size to, by itself, result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air

[85] Silicon Valley Power, City of Santa Clara. *The Silicon Valley Power Resources Map* Available at: http://www.siliconvalleypower.com/home/showdocument?id=5763.
[86] Silicon Valley Power. "Power Content Label". Accessed: June 21, 2019. Available at: http://siliconvalleypower.com/svp-and-community/about-svp/power-content-label

quality impacts. If a project's contribution to the cumulative impact is considerable, then the project's impact on air quality would be considered significant. As described in *Section 4.3 Air Quality*, with the incorporation of measures into the project, the total increase in average daily emissions of criteria pollutants from operation of the project and cumulative air toxics health hazards are estimated to be below the significance thresholds used by BAAQMD and the City of Santa Clara. Therefore, with implementation of measures included in the project, the project would not result in a cumulative air quality impact.

**Greenhouse Gas Emissions**

Similar to regulated air pollutants, GHG emissions and global climate change also represent cumulative impacts. The project's contribution to global climate change is discussed in *Section 4.7 Greenhouse Gas Emissions* in terms of the project's GHG emissions. With implementation of the efficiency measures included in the project in combination with the power mix utilized by SVP, the project would not conflict with plans, policies or regulation adopted for the purpose of reducing the emissions of GHGs.

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| **Impact MFS-3:** | As mitigated, the project does not have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly. **(Less than Significant Impact with Mitigation)** |

Consistent with Section 15065(a)(4) of the CEQA Guidelines, a lead agency shall find that a project may have a significant effect on the environment where there is substantial evidence that the project has the potential to cause substantial adverse effects on human beings, either directly or indirectly. Under this standard, a change to the physical environment that might otherwise be minor must be treated as significant if people would be significantly affected. This factor relates to adverse changes to the environment of human beings generally, and not to effects on particular individuals. While changes to the environment that could indirectly affect human beings would be represented by all of the designated CEQA issue areas, those that could directly affect human beings include air quality, hazardous materials and noise. With the implementation measures included in the project and described in the specific sections of this report, the proposed project would not result in substantial adverse effects on human beings, individually or cumulatively.

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# SECTION 6.0 LEAD AGENCY AND CONSULTANTS

## 6.1 LEAD AGENCY

**City of Santa Clara**
Planning Division
Rebecca Bustos, Senior Planner

## 6.2 CONSULTANTS

**David J. Powers & Associates, Inc.**
Environmental Consultants and Planners

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Michael Lisenbee, Senior Project Manager
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**Partner Engineering and Science, Inc.**

Jay Grenfell, Relationship Manager

# COMMENT LETTERS RECEIVED ON THE INITIAL STUDY

| Comment Letter From | Date |
|---|---|
| A. Adams Broadwell Joseph & Cardozo | October 13, 2020 |
| B. Clark & Associates | October 12, 2020 |

## A. Adams Broadwell Joseph & Cardozo (dated October 13, 2020)

**Comment A.1:** On behalf of Santa Clara Citizens for Sensible Industry ("Santa Clara Citizens"), we submit these comments on the Initial Study/Mitigated Negative Declaration ("IS/MND"), prepared pursuant to the California Environmental Quality Act ("CEQA") by the City of Santa Clara ("City") for the 1111 Comstock Data Center Project ("Project"), proposed by Prime Data Centers ("Applicant"). The Project proposes to demolish an existing 23,765-square-foot industrial building and construct a four-story, 121,170-square-foot data center building on the 1.38-acre project site (APN 224-08-092). The data center building would house computer servers designed to provide 10 megawatts ("MW") of information technology power; backup generators; underground fuel storage containers; and mechanical cooling equipment on the building's roof. The site, zoned as Light Industrial with a General Plan designation of Low Intensity Office/R&D, is located north of Comstock Street, east of Kenneth Street, south of Bayshore Freeway, and west of Lafayette Street within the City of Santa Clara.

The Project seeks from the City the following discretionary approvals: Architectural Review and Demolition Permit. The Architectural Review Process, found at Zoning Ordinance Chapter 18.76 of the Santa Clara City Code, requires that the Director of Community Development or a designee review plans and drawings prior to issuance of a building permit. The review, which takes place at a publicly noticed Development Review Hearing, assesses design, aesthetics, and consistency with zoning standards. Demolition permits require the following: PCB screening assessment, sewer cap permit, air quality permit from the Bay Area Air Quality Management District ("BAAQMD"), and planning clearance. All demolition of structures larger than 1,000 square feet must create and submit a recycling plan.

Based on our review of the IS/MND, we have concluded that it fails to comply with CEQA. The IS/MND fails to accurately describe the existing environmental setting and underestimates and fails to adequately mitigate air quality, public health, and greenhouse gas ("GHG") impacts from the Project.

These comments were prepared with the assistance of James J.J. Clark, Ph.D. of Clark & Associates Environmental Consulting, Inc. Dr. Clark's comments and curricula vitae are attached to this letter as Attachment A. For the reasons discussed herein, and in the attached expert comments, Santa Clara Citizens urges the City to remedy the deficiencies in the IS/MND by preparing a legally adequate environmental impact report ("EIR") pursuant to CEQA.

### I. STATEMENT OF INTEREST

Santa Clara Citizens is an unincorporated association of individuals and labor organizations that may be adversely affected by the potential health, safety, public service, and environmental impacts of the Project. The association includes individuals and organizations, including California Unions for Reliable Energy ("CURE") and its local affiliates, and the affiliates' members and their families, who live, work, recreate and raise their families in the City of Santa Clara and Santa Clara County.

Since its founding in 1997, CURE has been committed to building a strong economy and a healthier environment. Its members help solve the State's energy problems by building, maintaining, and operating conventional and renewable energy power plants and transmission facilities. CURE

members have an interest in enforcing environmental laws that encourage sustainable development and ensure a safe working environment for its members. Individual members live, work, recreate, and raise their families in Santa Clara. They would be directly affected by the Project's environmental and health and safety impacts. Its members may also work on the Project itself. They will, therefore, be first in line to be exposed to any hazardous materials, air contaminants or other health and safety hazards that exist onsite.

Santa Clara Citizens supports the development of data centers where properly analyzed and carefully planned to minimize impacts on the environment. Any proposed project should avoid impacts to public health, energy resources, sensitive species and habitats, and should take all feasible steps to ensure significant impacts are mitigated to the maximum extent feasible. Only by maintaining the highest standards can development truly be sustainable.

Santa Clara Citizens and its members are concerned with projects that can result in serious environmental harm without providing countervailing economic benefits such as decent wages and benefits. Environmentally detrimental projects can jeopardize future jobs by making it more difficult and more expensive for industry to expand in the City and the surrounding region, and by making it less desirable for businesses to locate and people to live and recreate in the City, including in the vicinity of the Project. Continued degradation can, and has, caused construction moratoriums and other restrictions on growth that, in turn, reduces future employment opportunities. Santa Clara Citizens' members therefore have a direct interest in enforcing environmental laws that minimize the adverse impacts of projects that would otherwise degrade the environment. CEQA provides a balancing process whereby economic benefits are weighted against significant impacts to the environment. It is for these purposes that we offer these comments.

## II. LEGAL BACKGROUND

### A. CEQA

CEQA is intended to provide the fullest possible protection to the environment. CEQA requires that a lead agency prepare and certify an EIR for any discretionary project that may have a significant adverse effect on the environment. In order to set an accurate foundation for the analysis, an EIR must include a description of the "existing physical conditions in the affected area." CEQA requires analysis of the "whole of an action," including the "direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment." "Its purpose is to inform the public and its responsible officials of the environmental consequences of their decisions before they are made. Thus, the EIR protects not only the environment but also informed self-government."

In addition, public agencies must adopt feasible mitigation measures that will substantially lessen or avoid a project's potentially significant environmental impacts and describe those mitigation measures in the EIR. A public agency may not rely on mitigation measures of uncertain efficacy or feasibility. "Feasible" means capable of successful accomplishment within a reasonable period of time, taking into account economic, environmental, legal, social, and technological factors. Mitigation measures must be enforceable through permit conditions, agreements, or other legally binding instruments.

CEQA prohibits deferring identification of mitigation measures when there is uncertainty about the efficacy of those measures or when the deferral transfers authority for approving the measures to another entity. An agency may only defer identifying mitigation measures when practical considerations prevent formulation of mitigation measures at the usual time in the planning process, the agency commits to formulating mitigation measures in the future, and that commitment can be measured against specific performance criteria the ultimate mitigation measures must satisfy.

B. An EIR is Required

The EIR is the very heart of CEQA. A negative declaration is improper, and an EIR must be prepared, whenever it can be fairly argued on the basis of substantial evidence that the project may have a significant environmental impact. "[S]ignificant effect on the environment" is defined as "a substantial, or potentially substantial, adverse change in the environment." An effect on the environment need not be "momentous" to meet the CEQA test for significance; it is enough that the impacts are "not trivial." Substantial evidence, for purposes of the fair argument standard, includes "fact, a reasonable assumption predicated upon fact, or expert opinion supported by fact."

Whether a fair argument exists is a question of law that the court reviews de novo, with a preference for resolving doubts in favor of environmental review. In reviewing a decision to prepare a negative declaration rather than an EIR, courts "do not defer to the agency's determination."

The fair argument standard creates a "low threshold" for requiring preparation of an EIR and affords no deference to the agency's determination. Where substantial evidence supporting a fair argument of significant impacts is presented, the lead agency must prepare an EIR "even though it may also be presented with other substantial evidence that the project will not have a significant effect." A reviewing court must require an EIR if the record contains any "substantial evidence" suggesting that a project "may have an adverse environmental effect"—even if contrary evidence exists to support the agency's decision.

Where experts have presented conflicting evidence on the extent of the environmental effects of a project, the agency must consider the effects to be significant and prepare an EIR. In short, when "expert opinions clash, an EIR should be done." "It is the function of an EIR, not a negative declaration, to resolve conflicting claims, based on substantial evidence, as to the environmental effects of a project." In the context of reviewing a mitigated negative declaration, "neither the lead agency nor a court may 'weigh' conflicting substantial evidence to determine whether an EIR must be prepared in the first instance." Where such substantial evidence is presented, "evidence to the contrary is not sufficient to support a decision to dispense with preparation of an EIR and adopt a negative declaration, because it could be 'fairly argued' that the project might have a significant environmental impact."

The fair argument test requires the preparation of an EIR whenever "there is substantial evidence that any aspect of the project, either individually or cumulatively, may cause a significant effect on the environment, regardless of whether the overall effect of the project is adverse or beneficial." Such substantial evidence is present here and requires the preparers of this IS/MND to take a closer look at the environmental impacts of the Project in an EIR.

**Response A.1:** The preceding comment provides an overview of basic CEQA requirements and makes no specific claims requiring a detailed substantive response. As discussed in the detailed responses below, the comment letter does not present substantial evidence supporting a fair argument that the project would result in significant unavoidable environmental impacts. Therefore, an EIR is not required for the project.

**Comment A.2:** III. THE CITY FAILED TO PROVIDE THE DOCUMENTS REFERENCED IN THE IS/MND FOR THE ENTIRE COMMENT PERIOD

The City violated CEQA and improperly truncated the public comment period when it failed to make all documents referenced or relied on in the IS/MND available for public review during the entire public comment period. As a result, Santa Clara Citizens and other members of the public were unable to complete a meaningful review and analysis of the IS/MND and its supporting evidence. The City delayed providing the coalition access to responsive records, while denying the coalition's request to extend the comment period. We therefore provide these initial comments on the IS/MND and reserve our right to submit supplemental comments at a future date.

CEQA and the CEQA Guidelines require that "all documents referenced" and "all documents incorporated by reference" in a negative declaration shall be "readily accessible to the public during the lead agency's normal working hours" during the entire public comment period. The courts have held that the failure to provide even a few pages of a CEQA document for a portion of the review and comment period invalidates the entire CEQA process, and that such a failure must be remedied by permitting additional public comment. It is also well settled that a CEQA document may not rely on hidden studies or documents that are not provided to the public.

On September 23, 2020, we submitted a request to the City for "immediate access to any and all documents referenced or incorporated by reference in the Initial Study/Mitigated Negative Declaration related to the 1111 Comstock Street Project" (Request No. 20-554). On September 29, 2020, the City asked for clarification as to what records were sought, even though there was no ambiguity in such a basic request. In a follow-up letter to the City on October 1, 2020, we explained that our request included "all documents referenced and referred to throughout the MND and used to support conclusions reached in the MND, including any documents not made available in the Appendices."

On October 5, the City stated that responsive documents would be provided by October 19, 2020—six days after the close of the comment period. The City then provided us with documents referenced in the IS/MND on October 9, four days before the public review and comment period ended. CURE and other members of the public have therefore been denied access to the relevant documents referenced and incorporated by reference in the MND during the entire public comment period in violation of CEQA.

**Response A.2:** The comment misrepresents the law and the facts. CEQA Guidelines Section 15072(g)(4) previously required that the City notify the public of the following for the review period:

"The address or addresses where copies of the proposed negative declaration or mitigated negative declaration including the revisions developed under Section 15070(b) **and all documents referenced** in the proposed negative declaration or mitigated negative declaration are available for review. This location or locations shall be readily accessible to the public during the lead agency's normal working hours."

But, as revised on December 28, 2018, Guideline 15072(g)(4) reads as follows:

"The address or addresses where copies of the proposed negative declaration or mitigated negative declaration including the revisions developed under Section 15070(b) **and all documents incorporated by reference** in the proposed negative declaration or mitigated negative declaration are available for review. This location or locations shall be readily accessible to the public during the lead agency's normal working hours."

Under the prior regulation, the City had to provide the location of all documents "referenced" in an MND. Under the newer (2018) regulation, the City only has to provide the location of documents "incorporated by reference", not all documents referenced. The assertion that all referenced documents must be made available "during the entire comment period" is no longer an accurate statement of the law.

For the 1111 Comstock Project, the only documents incorporated by reference are the appendices. Initial Study, page iii ("All appendices are incorporated by this reference into this document. No other documents are incorporated by reference."). The initial study, MND, and all of the appendices were available on the City's webpage and at City Hall for the entire comment period. In addition, a website address was listed for most of the documents referenced in the initial study and MND (see Initial Study, pages 146 to 150). The only two documents "referenced" that were not available on the web (two short emails) were emailed to the Commenter. As the City has been in full compliance with CEQA for the entire comment period, no extension of time was warranted.

**Comment A.3:** IV. THE IS/MND FAILS TO PROVIDE A COMPLETE AND ACCURATE PROJECT DESCRIPTION

CEQA requires that an EIR "set forth a project description that is sufficient to allow an adequate evaluation and review of the environmental impact." Similarly, an IS/MND must present a complete and accurate description of the project under consideration. "The scope of the environmental review conducted for the initial study must include the entire project. [A] correct determination of the nature and scope of the project is a critical step in complying with the mandates of CEQA." A negative declaration is "inappropriate where the agency has failed either to provide an accurate project description or to gather information and undertake an adequate environmental analysis. An accurate and complete project description is necessary for an intelligent evaluation of the potential environmental impacts of the agency's action. Only through an accurate view of the project may affected outsiders and public decision-makers balance the proposal's benefit against its

environmental cost, consider mitigation measures, assess the advantage of terminating the proposal... and weigh other alternatives in the balance."

The IS/MND fails to provide a complete description of several of the Project's components, including details of the demolition of the existing improvements on the site; specifications of the generators and other technology to be employed; and construction processes, schedules and details. Moreover, no description of critical processes that will take place throughout the Project's lifetime—such as de-energizing of generators for maintenance and testing—is offered. In the absence of this crucial information, the public is precluded from meaningful review of the Project's potential impacts.

> **Response A.3:** A thorough project description is included in Section 3.0 of the IS. Regarding the specific project components mentioned in the comment, the project description discusses the demolition of existing improvements on the site, the duration of construction, the number of generators and their power generating capacities, and the generator testing schedule. The project description provides adequate detail to evaluate the impacts of the project. Where additional project details were relied upon for technical analyses (i.e., specific assumptions regarding equipment used during demolition and construction activities, rooftop cooling equipment, etc.), that information is included in the impact discussions in the IS and/or in the appendices to the IS containing technical reports. The comment fails to acknowledge the presence of this information in the IS and does not provide specificity as to how the information provided in the IS does not satisfy the public's need for a complete description of the project.

**Comment A.4:** V. SUBSTANTIAL EVIDENCE SUPPORTS A FAIR ARGUMENT THAT THE PROJECT MAY RESULT IN SIGNIFICANT IMPACTS

As noted above, under CEQA, a lead agency must prepare an EIR whenever substantial evidence in the whole record before the agency supports a fair argument that a project may have a significant effect on the environment. The fair argument standard creates a "low threshold" favoring environmental review through an EIR, rather than through issuance of a negative declaration. An agency's decision not to require an EIR can be upheld only when there is no credible evidence to the contrary. Substantial evidence can be provided by technical experts or members of the public. "If a lead agency is presented with a fair argument that a project may have a significant effect on the environment, the lead agency shall prepare an EIR even though it may also be presented with other substantial evidence that the project will not have a significant effect."

A. The IS/MND Fails to Adequately Disclose, Analyze and Mitigate the Project's Potentially Significant Air Quality Impacts

The IS/MND concludes that emissions from the Project will not have a significant impact on air quality. Dr. Clark reviewed the IS/MND and provided substantial evidence that the City underestimated the Project's criteria pollutant emissions. Thus, substantial evidence demonstrates that the Project will have significant impacts beyond what is disclosed, analyzed and mitigated in the IS/MND.

1. The City Lacks Substantial Evidence that the Project's Backup Generators Will Run Only 50 Hours Each Year

The Project includes six 3,000-kW and one 500-kW backup diesel generators that the City assumed would run 50 hours per year, which is the Bay Area Air Quality Management District's ("BAAQMD") stationary source rule's maximum allowable run time. The IS/MND notes that emergency situations, including power failures, as well as private utility work to restore services and protect property from damage, are exempt from the limits in BAAQMD's rules and that the City did not calculate or analyze emissions beyond the 50 hours.

The IS/MND also notes that data centers consume more energy than other land uses and require an uninterrupted power supply, thereby admitting that there will be significant emissions of criteria pollutants beyond what is modeled. For example, public safety power shut offs are conducted by Pacific Gas & Electric, which are expected to cause power outages of 24 to 48 hours each. Nearby San Jose Clean Energy estimates that these outages may last several days a year, far beyond the 50 hours modeled in the IS/MND. The IS/MND must be withdrawn, and an EIR must be prepared that considers the emissions associated with running the backup diesel generators beyond 50 hours.

**Response A.4:** The comment's reference to PG&E and San Jose Clean Energy is misguided, neither would serve the project and therefore are irrelevant. CEQA does not require evaluation of emergency conditions, as that involves substantial speculation. The IS appropriately focused on the reasonably foreseeable operations of the proposed facility, and CEQA does not require lead agencies to attempt to evaluate conditions under future emergency situations, including power outages. As described in project description in the IS, the proposed emergency backup generators would each be tested once per month for up to one hour, or 12 hours per generator per year. Per direction from BAAQMD, only emissions from routine testing and maintenance, not emissions from potential emergency operations, were considered in the analysis. The procedure is in accordance with BAAQMD Regulation 2, Rule 5 and the number of non-emergency operation hours per year is limited to 50 hours per the Airborne Toxic Control Measure for Stationary Toxic Compression Ignition Engines (Section 93115, Title 17 CCR). The District's procedure for permitting emergency generators is to consider operation of the generators for up to 50 hours per year. For purposes of estimating emissions and potential air quality impacts from the engines in the IS, it was assumed that each engine could be operated for 50 hours per year (maximum operation hours allowed by the State's Air Toxic Control Measure and BAAQMD for testing and maintenance). By evaluating emissions of the maximum allowed 50 hours of operation per year instead of the 12 hours per year proposed by the project, the IS overestimates the project's emissions. This represents a conservative maximum impact scenario based on the allowed operation per CARB and BAAQMD permit conditions.

To date, Public Safety Power Shutoff (PSPS) events have not resulted in outages within Silicon Valley Power's (SVP) service area. Based on SVP data, over the last 10 years there were 31 outages on its 60kV system (to which the proposed data center would connect), only four of which resulted in customers being without power. This means that in 27 of these outages the redundant design of the system prevented

customers from being without power, meaning data centers would not have isolated from the grid and would not have relied on their back-up generators. Only two outages from 2009 to 2019 affected data centers in the SVP service territory. One approximately 7.5-hour outage on May 28, 2016, which was the result of two contingencies (a balloon and a breaker failure), affected two data centers. Another 12-minute outage on December 2, 2016 affected four data centers. SVP's root cause analysis of this outage resulted in changes in maintenance procedures to ensure that breakers are reset before power is restored to a portion of the system that was down for maintenance. Outages have been extremely rare, and the consequences or effects on data centers, almost negligible.[1]

Even if an outage were to occur at the project site, the longest recorded outage in the last 10 years lasted roughly 7.5 hours. As described previously, each generator would operate 12 hours per year for routine testing and maintenance. An additional 7.5 hours of operation per generator, such as would occur if the project experienced an outage equivalent to the worst outage in the last 10 years, would still be below the 50 hours of operation analyzed in the IS. For these reasons, evaluation of up to 50 hours of annual operation is a reasonable, conservative approach that tends to overestimate the project's actual operation, and to assume more than 50 hours of annual operation requires speculation. Therefore Dr. Clark's contention that more than 50 hours of annual operation should be the basis for the IS's analysis is not based on any substantial evidence about the actual history of outages within the SVP service area, and does not constitute a fair argument that requires preparation of an EIR. Expert opinion that is not based on facts is not substantial evidence supporting a fair argument. Additionally, CEQA does not require analysis of emergency events, nor worst-case events that may never occur, or very rarely over a project's lifespan. The focus on emissions generated by typical project operations under normal conditions in the IS is, therefore, appropriate for the analysis of air quality impacts.

**Comment A.5:** B. The IS/MND Fails to Adequately Disclose, Analyze, and Mitigate the Project's Potentially Significant Public Health Impacts

The IS/MND concludes that the Project would not expose sensitive receptors to substantial pollutant concentrations. This conclusion suffers from two errors: 1) the failure of the Air Quality and Greenhouse Gas Emissions Assessment (Appendix A) to include the most sensitive receptors in emissions modeling, and 2) the failure to model emissions beyond 50 hours of operation of the backup generators, noted above.

The IS/MND's Air Quality Assessment erroneously states that the "closest sensitive receptors to the proposed project site are existing residences about 3,315 feet north of the project site …" The Granada Islamic School is much closer— 1,700 feet—to the Project site.

[1] California Energy Commission. Mission College Data Center Initial Study and Proposed Negative Declaration. April 2020. Available at: https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-SPPE-05

**Response A.5:** The IS states on pages 30 and 36 that the Granada Islamic School is the closest sensitive receptor to the project site, and so this comment is incorrect. Further, as discussed in prior Response A.4, the IS was not required to evaluate the use of generators beyond 50 hours per year, which is already a conservative overestimation of the generators' expected annual usage. Therefore, the IS did adequately disclose, analyze, and mitigate the project's health risk impacts.

**Comment A.6:** Potential health impacts from operation of the Project's generators were evaluated using air quality dispersion modeling and applying BAAQMD recommended health impact calculation methods. Though the IS/MND states that "[t]he maximum increased cancer risk at the closest sensitive receptor, Granada Islamic School, would be 0.02 in one million, and the maximum increased cancer risk at the closest residence would be 0.1 in one million," it is unclear where those numbers came from. Nothing in the Assessment indicates whether the evaluations of health impacts were actually performed at the Granada Islamic School or at the residences further away. The Assessment's initial erroneous assumption that the closest sensitive receptors were the residences more than 3,000 feet from the Project site does not appear to have been corrected during calculations of health risks, as Figure 2 in the Assessment does not include the Granada Islamic School in its display of sensitive receptors. As asserted by Dr. Clark, such an oversight would significantly alter the assumptions and conclusions of the IS/MND. The City must re-analyze the Project's impacts in an EIR.

**Response A.6:** This comment contradicts the prior Comment A.5 by acknowledging the IS correctly identifies the Granada Islamic School is the closest sensitive receptor. BAAQMD recommends calculating health risks for sensitive receptors within 1,000 feet of a proposed project site. As stated in the BAAQMD Guidelines: "For assessing community risks and hazards, a 1,000 foot radius is recommended around the project property boundary. BAAQMD recommends that any proposed project that includes the siting of a new source or receptor assess associated impacts within 1,000 feet..."[2] To be conservative, the Air Quality technical report included as Appendix A to the IS calculated health risks at the nearest residences, even though they are well over 1,000 feet from the site. The results showed health risks well below relevant thresholds. Subsequent to completion of the Air Quality technical analysis, the air quality consultant completed additional calculations of health risks at the Granada Public School even though it is also located over 1,000 feet from the site. Using the same modeling methodology as was used for the residential receptors, the cancer risk for a nine-year school child exposure assuming 12 hours/day for 250 days per year was calculated and determined to be 0.02 per million, which is well below (by a factor of 500 times) the residential risk of 10 cases per million. The conclusion in the IS that the project would not result in significant health risks is valid and supported by substantial evidence.[3] Nothing in the comment or in Dr. Clark's assertions provides substantial evidence that the project's health risk impacts would be 500 times higher

[2] BAAQMD. CEQA Guidelines. May 2017.
[3] James Reyff, Illingworth & Rodkin, Inc. Personal Communication. September 1, 2020.

than forecast in the IS and, therefore, exceed the BAAQMD health risk thresholds used in the IS.

**Comment A.7:** As required by CEQA, the City must prepare a site-specific baseline health risk assessment ("HRA") that calculates the excess incremental lifetime risk for all of the nearby receptors. As Dr. Clark points out, "[t]he City's emissions estimates for criteria pollutants do not substitute for a health risk analysis of the cancer risk posed by exposure to toxic air contaminants (TACs), in particular diesel particulate matter (DPM), released during Project construction and operation."

Diesel exhaust contains nearly 40 toxic substances, including TACs and may pose a serious public health risk for residents in the vicinity of the facility. It has been linked to a range of serious health problems, including an increase in respiratory disease, lung damage, cancer, and premature death. Dr. Clark asserts that, given the Project's proximity to sensitive receptors and the nature of the TACs emitted, an HRA, prepared in accordance with the Office of Environmental Health and Hazard Assessment and analyzing the Project's potentially significant public health impacts from TACs emitted from the diesel particulate matter, is essential.

**Response A.7:** An HRA was completed for the project and is included in Appendix A to the IS. The results of the HRA are summarized on pages 36-37 of the IS. The HRA used the 2015 Office of Environmental Health and Hazard Assessment (OEHHA) risk assessment guidelines and California Air Resources Board (CARB) guidance. Additionally, BAAQMD has adopted recommended procedures for applying the newest OEHHA guidelines as part of Regulation 2, Rule 5: New Source Review of Toxic Air Contaminants. Exposure parameters from the OEHHA guidelines and the recent BAAQMD HRA Guidelines were used in HRA. Therefore, the IS has appropriately modeled and disclosed the health risk presented by the project to surrounding sensitive receptors, and the conclusion that the project would not result in significant health impacts is adequately supported by substantial evidence and no substantial evidence is provided in this comment supporting a fair argument the project would have significant health effects according to OEHHA and CARB guidance.

**Comment A.8:** C. The IS/MND Fails to Adequately Disclose, Analyze and Mitigate the Project's Potentially Significant Greenhouse Gas Impacts

The CEQA Guidelines require a lead agency to compare a project's GHG emissions against a threshold of significance that the agency determines applies to the Project, or to otherwise determine the extent to which the project complies with local regulations and requirements adopted to reduce GHG emissions, provided there is no evidence that GHG emissions would be cumulatively considerable. Here, the City chose to use a qualitative approach when considering GHG emissions. Rather than measure the Project's emissions against a numerical threshold, the IS/MND instead evaluated them based on whether they conflict with a plan, policy, or regulation adopted for the purpose of reducing GHG. Substantial evidence, however, supports a fair argument that the Project's emissions are significant.

1. Substantial Evidence Does Not Support the Conclusion that GHG Emissions Will Not Be Significant

Though BAAQMD provides clear thresholds to which emissions from both stationary and nonstationary sources can be compared, the IS/MND fails to measure any of the Project's emissions against a numerical threshold, and fails, therefore, to demonstrate that Project impacts are less than significant.

The IS/MND indicates that total Project emissions are calculated as 10,323 MTCO2e/year. The BAAQMD CEQA Guidelines, meanwhile, provide the following thresholds of significance for operational-related GHG emissions for land use development projects: "Compliance with a qualified GHG Reduction Strategy; or annual emissions less than 1,100 MTCO2e/yr; or 4.6 MTCO2e/SP/yr (residents + employees)."

Even subtracting from the total emissions the 522 MTCO2e/year attributed to generators (since stationary sources are subject to different thresholds than nonstationary sources), Project emissions are significant. As stated in BAAQMD's CEQA Guidelines, "[i]f annual emissions of operational-related GHGs exceed [threshold] levels, the proposed project would result in a cumulatively considerable contribution of GHG emissions and a cumulatively significant impact to global climate change."

**Response A.8:** The analysis of GHG impacts in the IS was completed consistent with the requirements of Section 15064.4(a) of the CEQA Guidelines, which gives the lead agency discretion to determine, in the context of a particular project, whether to:
(1) Quantify greenhouse gas emissions resulting from a project; and/or
(2) Rely on a qualitative analysis or performance based standards.

Case law has consistently confirmed that when CEQA provides a lead agency with discretion, a fair argument cannot then be made by arguing the opposite or alternate from what approach or method the lead agency has selected, otherwise the discretion would be meaningless. Therefore, given the City had discretion whether to quantitatively or qualitatively address the project's GHG emissions, and chose the latter, a fair argument cannot now be made on the basis of the failure to apply a quantitative threshold, given that would render moot the City's discretion to not quantify GHG emissions at all. The IS quantified the project's estimated GHG emissions to disclose the overall magnitude of emissions for the public and decision-makers benefit, and yet ultimately relied on a qualitative analysis, as permitted by 15064.4(a)(2), to determine that the project would not result in a significant GHG impact. As discussed in the IS, because i) the project would receive electricity from a utility on track to meet the SB 32 2030 GHG emission reduction target, ii) would result in lower emissions (43.5 percent) than the statewide average for an equivalent facility due to SVP's power mix, iii) would include energy efficiency measures to reduce emissions to the extent feasible, and iv) would be consistent with applicable plans and policies adopted to reduce GHG emissions, the project would not generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment.

The comment suggests that the IS should have used the BAAQMD thresholds of 1,100 MTCO2e/yr or 4.6 MTCO2e/SP/yr. These thresholds, however, were established to achieve the State's 2020 GHG reduction goal under AB 32 and are no longer applicable to development projects that would become operational after 2020. BAAQMD recently confirmed that these thresholds should no longer be used to determine CEQA impacts for development projects.[4]Additionally, as explained above, the City has discretion whether to apply a quantitative GHG threshold at all, and in this case, determined a qualitative approach was the most appropriate basis to evaluate the project's GHG emissions.

**Comment A.9:** 2. Compliance with Plans and Policies Does Not Establish that the Project's GHG Emissions Would Be Less Than Significant

The IS/MND concludes that the Project's GHG emissions would not have a significant impact on the environment because the Project is consistent with the City of Santa Clara Climate Action Plan ("CAP"), as well as other plans, policies, and regulations adopted for the purpose of reducing GHG emissions. Substantial evidence, however, supports a fair argument that the Project's GHG emissions are significant notwithstanding their consistency with local, regional, and state plans.

As stated above, the Project's total operational emissions amount to 10,323 MTCO2e annually-significantly higher than the 1,100 MTCO2e/year threshold established by BAAQMD. The IS/MND fails to describe how this might be abated through the Project's compliance with GHG reduction strategies.

**Response A.9:** Please refer to Response A.8. The BAAQMD threshold referenced in the comment is no longer relevant or recommended for use by BAAQMD. Further, as noted above in Response A.8, a fair argument cannot be made based on a numeric threshold when CEQA allows a lead agency discretion whether to employ a quantitative threshold or qualitative analysis, and in this case the City elected the latter approach.

**Comment A.10:** Furthermore, the IS/MND relies on obtaining the status of less-than- significant for the Project's emissions from a plan that is set to expire before the Project is implemented. The City's Climate Action Plan, adopted in 2013, contains projected emissions and measures designed to help the City meet statewide 2020 goals established by AB 32. As acknowledged in the IS/MND, "consistency with the CAP cannot be used to determine significance under CEQA."

**Response A.10:** Although the IS discusses the project's consistency with the City's Climate Action Plan (CAP), it does not rely on the project's consistency with the CAP to determine the project's GHG impact under CEQA. As stated on page 67 of the IS: "Because the project would not become operational prior to the end of 2020, consistency with the CAP cannot be used to determine significance under CEQA.

[4] California Energy Commission. Mission College Final Decision. August 21, 2020. Available at: https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-SPPE-05

The project, however, would still be required to be consistent with the requirements of the CAP, and implementation of required Climate Action Plan measures would reduce GHG emissions from the project." As stated in Response A.8, and discussed in detail in the IS, because i) the project would receive electricity from a utility on track to meet the SB 32 2030 GHG emission reduction target, ii) would result in lower emissions (43.5 percent) than the statewide average for an equivalent facility due to SVP's power mix, iii) would include energy efficiency measures to reduce emissions to the extent feasible, and iv) would be consistent with applicable plans and policies adopted to reduce GHG emissions, the project would not generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment.

**Comment A.11:** The IS/MND argues that because electricity—by far the biggest source of the Project's emissions—is provided by Silicon Valley Power, "a utility on track to meet the 2030 GHG emissions reductions target established by SB 32," the Project would generate lower emissions than the statewide average for an equivalent facility. Additionally, because the Project would allegedly comply with several applicable City and state plans, including green building and energy efficiency measures, and policies adopted to reduce GHG emissions, the IS/MND concludes that "the project would not generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment."

The IS/MND fails, however, to establish that the Project's consistency with these plans and programs will ensure that the Project's contribution to global climate change is not significant. Despite compliance with these plans, Dr. Clark reiterates that calculations of the Project's total emissions provided in the IS/MND nevertheless surpass BAAQMD's thresholds, demonstrating that emissions would be significant. The City must prepare an EIR that analyzes and mitigates these significant GHG emissions.

**Response A.11:** As described in the IS, the project would be consistent with plans and policies adopted to achieve the State's GHG reduction targets. The State's targets were established to ensure the State's GHG emissions would not contribute substantially global climate change. The project's consistency with these plans and policies, therefore, would ensure its contribution to global climate change would not be significant.

As described in Response A.8, the analyses in the IS was completed consistent with the requirements of Section 15064.4 of the CEQA Guidelines, which gives the lead agency discretion to rely on a qualitative analysis to determine a project's GHG impacts. Additionally, the BAAQMD thresholds referenced in the comment are no longer relevant or recommended for use by BAAQMD. A fair argument cannot be made based on a numeric threshold when CEQA allows a lead agency discretion whether to employ a quantitative threshold or qualitative analysis, and in this case the City elected the latter approach.

**Comment A.12:** V. CONCLUSION

CEQA requires that an EIR be prepared if there is substantial evidence that a project, either individually or cumulatively, may have a significant impact on the environment. As discussed above, there is substantial evidence supporting a fair argument that the Project would result in significant adverse impacts that were not identified or adequately analyzed in the IS/MND.

We urge the City to fulfill its responsibilities under CEQA by withdrawing the IS/MND and preparing a legally adequate EIR to address the potentially significant impacts described in this comment letter. Only by complying with all applicable laws will the City and the public be able to ensure that the Project's environmental impacts are mitigated to less than significant levels.

> **Response A.12:** As discussed in Responses A.1 through A.12, the comment letter does not present substantial evidence supporting a fair argument that the project would result in significant unavoidable environmental impacts. Rather, the various comments rely on speculation or fail to acknowledge the discretion afforded to the City in determining whether to apply a quantitative or qualitative approach to determining the significance of the project's effects. Therefore, an EIR is not required for the project.

## B. Clark & Associates (dated October 12, 2020)

**Comment B.1:** On At the request of Adams Broadwell Joseph & Cardozo (ABJC), Clark and Associates (Clark) has reviewed materials related to the IS/MND for the above referenced project. The IS/MND was prepared by David J. Powers and Associates, Inc. for the City of Santa Clara Community Development Department.

Clark's review of the materials in no way constitutes a validation of the conclusions or materials contained within the project record. If we do not comment on a specific item this does not constitute acceptance of the item.

General Comments:

The City's analysis of the air quality impacts of emissions from the construction and operational phases of the project are unsupported and flawed. The analysis in the IS/MND fails to quantify the total emissions in a meaningful manner in which yearly and daily emissions may be compared to relevant and appropriate standards, fails to address necessary mitigation measures to reduce significant impacts, and makes assertions about the impacts to the surrounding communities without a clear and reproducible methodology. Several mitigation measures outlined in the DEIR are merely aspirational and may not effectively reduce emissions from the project. These flaws are detailed below, making the conclusions in the IS/MND unsupported. The City must update their analysis as an Environmental Impact Report (EIR) to correct the unsupported conclusions presented in the IS/MND.

> **Response B.1:** As discussed in the detailed responses below, the comment letter does not present substantial evidence supporting a fair argument that the project would result in significant unavoidable environmental impacts. Therefore, an EIR is not required for the project.

**Comment B.2:** Project Description

According to the IS/MND, the approximately 1.38-acre project site, located at 1111 Comstock Street (APN 224-08-092) in Santa Clara, is currently developed with a one-story, 23,765 square foot (sf) industrial building and a paved parking lot. The site is zoned as Light Industrial, and has a General Plan designation of Low Intensity Office/R&D. The project proposes to demolish the existing improvements on the site to construct a four-story, 121,170 sf data center building. The data center building would house computer servers for private clients in a secure and environmentally controlled structure and would be designed to provide 10 megawatts (MW) of information technology (IT) power. Mechanical equipment for building cooling would be located on the roof. Standby backup emergency electrical generators would be installed to provide for an uninterrupted power supply. Six 3,000-KW diesel-fueled engine generators and one 500-kW diesel-fueled engine generator would be located within a generator room on the first floor of the building. Fuel for the generators would be stored in two 30,000-gallon underground storage tanks which would feed individual 160-gallon daytanks located adjacent to each generator.

The data center building would be approximately 80 feet in height, with parapets extending to a height of 87.5 feet. A metal roof screen would extend to a height of 98 feet to shield mechanical equipment. The building would be located in the southern, central portion of the site and set back

approximately 15 feet from the southern property line on Comstock Street, 45 feet from the northern property line, 50 feet from the western property line, and 25 feet from the eastern property line.

Access to the site would be provided by a primary driveway on Comstock Street. The primary driveway would be approximately 26 feet wide and would be located in the southwestern portion of the site in the same location as the existing driveway entrance. A secondary driveway entrance for emergency access would be constructed on Comstock Street in the southeastern portion of the site and would be approximately 22 feet wide. The emergency driveway would wrap around the perimeter of the building and would include a curb and handicap ramp. The project would provide approximately 24 parking spaces, including one accessible space and two clean air/vanpool/EV spaces, located along the western side of the building.

Generator Testing Schedule

The seven emergency backup generators would each be tested once per month for up to one hour. Tests would be conducted with no load for 11 months out of the year, and at with full load one month out of the year.

Existing Project Site

The existing improvements on the site would be demolished to allow for construction of the project. Demolition and construction activities would last approximately 12 months. Excavation for utilities would extend to depths of up to eight feet. Roughly 860 cubic yards of soil would be removed from the site as a result of excavation activities. Augered foundation piles would extend to a depth of 80 1111 Comstock Data Center 7 Initial Study City of Santa Clara September 2020 feet. The site would be graded to direct stormwater flows towards the biotreatment area located along the western boundary of the site.

The project proposes to remove approximately 24 existing trees on-site and plant five replacement trees. New landscaping consisting of trees, shrubs, sedge, perennials, bulbs, annuals and groundcover would be installed in the northeastern, northwestern, and southwestern corners of the site, as well as the southern perimeter of the site, and the western side of the proposed building.

The project proposes to construct a stormwater treatment area between the west side of the building and the parking lot. The existing storm drain line on the site would be removed and a new 12-inch storm drain line would connect the treatment area to the existing storm drain line in Comstock Street. Pedestrian walkways would be composed of permeable pavers. The site would have a total of approximately 28,337 sf of pervious surface, which would be an increase compared to existing condition.

Specific Comments:

1. The IS/MND Fails To Model The Diesel Particulate Matter (DPM) Concentration At the Closest Sensitive Receptor To The Site

According to the IS/MND the project will be a source of air pollutant emissions during construction and operation, with the main source being backup generator testing and maintenance. The diesel-fueled generators emit diesel particulate matter (DPM), which is a known toxic air contaminant

(TAC). The generators are also a source of PM2.5, which is also known to induce adverse health effects.

Based on the assumption that each of the six 3000-kW generators and one 500-kW generator would operate up to 50 hours a year during testing and maintenance, the City calculated that approximately 49 lbs of DPM per year would be emitted. Dispersion modeling in the IS/MND attempts to define the concentration of DPM to which sensitive receptors would be exposed over time.

The IS/MND defines Sensitive Receptors as persons who are most likely to be affected by air pollution: infants, children under 18, the elderly over 65, athletes, and people with cardiovascular and chronic respiratory diseases. Locations that may contain a high concentration of these sensitive population groups include residential areas, hospitals, daycare facilities, elder care facilities, elementary schools, churches and places of assembly, and parks. According to the IS/MND the closest sensitive receptors to the proposed project site are the Granada Islamic School, located about 1,700 feet (approximately 536 meters) northwest of the project site; existing residences about 3,315 feet north of the project site; and additional residences about 4,330 and 4,590 feet south of the project site. The maximum average annual off-site DPM concentrations were used to calculate potential increased cancer risks from the project. Average annual DPM concentrations were used as being representative of long-term (30-year) exposures for calculation of cancer risks.

According to the Proponent, the maximum modeled annual DPM and PM2.5 concentration from operation of the generators at the data center was 0.0001 µg/m3 at several residential receptors north of the project site on Lafayette Street. Concentrations at all other existing residential locations would be lower than the maximum concentration.

Based on the maximum modeled DPM concentrations that assume operation for 50 hours per year per generator, maximum increased cancer risks and non-cancer health impacts were calculated using BAAQMD recommended methods. The maximum increased cancer risk at the closest sensitive receptor, Granada Islamic School, would be 0.02 in one million, and the maximum increased cancer risk at the closest residence would be 0.1 in one million. These conclusions are not supported by the data presented within the report.

A review of Appendix A to the IS/MND, the Air Quality and GHG Emissions Assessment prepared by the Illingworth and Rodkin, Inc., shows that the closest sensitive receptor (Granada Islamic School) and all of the closest worker receptors are not included in the AERMOD model of the emissions from the site. The report within Appendix A is originally dated November 11, 2019 and was updated May 19, 2020. On pages 6 and 15 of the Illingworth and Rodkin report, it states that the closest sensitive receptors to the proposed project site and additional residences are about 4,330 and 4,590 feet south of the project site. DPM and PM2.5 concentrations were calculated at the locations of existing residences in the project area. The report does not indicate if any other receptors are included in the analysis. Figure 2 of Appendix A clearly indicates the nearest sensitive receptors identified by the proponent. What the figure does not identify is the location of the Granada Islamic School.

The figure above clearly indicates the location of the Granada Islamic School, which is much closer than the residences indicated by the yellow crosses on the figures above. This oversight significantly

alters the assumptions and conclusions contained within the IS/MND. The City must re-analyze the project impacts and present them in an EIR for the site.

**Response B.2:** Please refer to Responses A.5 and A.6, above. The Granada Islamic School was identified as a sensitive receptor in the IS, and the project's impacts to the School were evaluated and determined to be less than significant.

**Comment B.3:** 2. The IS/MND's Analysis of Risk Fails to Meet Its Obligation to Calculate the Risk from Emissions to the Maximum Exposed Individual (MEI).

According to the BAAQMD CEQA Guidelines, emissions from a new source or emissions affecting a new receptor would be considered significant where ground-level concentrations of carcinogenic TACs from any source result in an increased cancer risk greater than 10.0 in one million, assuming a 70-year lifetime exposure. The Maximum Exposed Individual (MEI) is normally defined as an individual who is present at the point of maximum impact (PMI) as outlined in the Office of Environmental Health and Hazard Assessment's (OEHHA's) Air Toxic Hot Spots Program Risk Assessment Guidelines6 (Toxic Hot Spots). Under Section 4.7.1 of the OEHHA Guidance, the modeling analysis should contain a network of receptor points with sufficient detail (in number and density) to permit the estimation of the maximum concentrations. Locations that must be identified include:

- The maximum estimated off-site impact or point of maximum impact (PMI),
- The maximum exposed individual at an existing residential receptor (MEIR),
- The maximum exposed individual at an existing occupational worker receptor (MEIW).

The modeling performed for the IS/MND fails to identify the PMI and the MEIW. This oversight significantly alters the assumptions and conclusions contained within the IS/MND. The City must re-analyze the project impacts and present them in an EIR for the site.

**Response B.3:** The comment refers to OEHHA Air Toxic Hot Spots Program Risk Assessment Guidelines for conducting health risk assessments. BAAQMD, like other air districts and CARB, uses these guidelines to develop their procedures for conducting health risk assessments (described under Regulation 2, Rule 5). BAAQMD's CEQA Guidelines identify thresholds for health risk assessments. These thresholds only apply to sensitive receptors. The City, as the lead agency, uses BAAQMD's guidance for CEQA evaluation. In accordance with the BAAQMD CEQA guidelines, the IS evaluated the project's impact at the MEI, which is the nearest residence to the project site.

For the purposes of the CEQA evaluation of the project, the PMI and MEIW referenced in the comment are not required to be identified. During the permitting process of sources such as the project's diesel engines, BAAQMD addresses the various types of receptors that the OEHHA identifies. BAAQMD will not issue a permit to construct or operate these engines if they find that health risks at these receptors are unacceptable.

**Comment B.4:** 3. The Proposed Emission Controls Assumes that Testing and Maintenance Operations Can Be Performed in Approximately One-Fourth of the Normally Required Time

Emissions from combustion engines for stationary uses, including diesel generators, are generally regulated by the U.S. Environmental Protection Agency (U.S. EPA) and the California Air Resources Board (CARB). Engine emission standards are promulgated in a tiered system that designates maximum pollutant emissions. Unlike Off-Road Diesel-Powered Engines for Mobile Sources (currently utilizing Tier 4 Interim and Final technology which reduce PM2.5 emissions by 90% and more) all new generators have U.S. EPA Tier II rating and need to be outfitted with diesel particulate filters. Diesel-powered generator engines should be fueled using ultra-low sulfur diesel fuel with a maximum sulfur content of 15 parts per million (ppm). According to the City, all generator engines would be equipped with California Air Resources Board (CARB) Level 3 verified diesel particulate filters (DPFs) with a minimum control efficiency of 85 percent removal of particulate matter.

In the absence of stricter emission control devices, the City is proposing to reduce the number of hours of potential operation for testing and maintenance on an annual basis. Rather than assuming testing would occur for up to 50 hours per year for each generator, the City is assuming that the same types of maintenance and testing that needs to be performed to ensure the operations of the generators can be accomplished in 24% of the time generally assumed to be required (12 hours instead of 50 hours). Given the complexity of the equipment, reducing the maintenance and testing period by 76% seems like an illogical and unsustainable mitigation measure. The proponents must evaluate the emissions again considering the required maintenance period and include all of the maintenance for the whole campus in this evaluation.

> **Response B.4:** As described in project description in the IS, the proposed emergency backup generators would each be tested once per month for up to one hour, or 12 hours per generator per year. This is the testing and maintenance schedule proposed by the project applicant. For purposes of estimating emissions and potential air quality impacts from the engines in the IS, it was assumed that each engine could be operated for 50 hours per year (maximum operation hours allowed by the State's Air Toxic Control Measure and BAAQMD for testing and maintenance). By evaluating emissions of the maximum allowed 50 hours of operation per year instead of the 12 hours per year proposed by the project, the IS overestimates the project's emissions. This represents a conservative maximum impact scenario based on the allowed operation per CARB and BAAQMD permit conditions.

**Comment B.5:** 4. The City Must Prepare A Site-Specific Baseline Health Risk Assessment Using Methods from the Office of Environmental Health and Hazard Assessment to Analyze Diesel Particulate Matter Emissions

The City has failed in its obligation to perform a site-specific health risk assessment (HRA) for the project that calculates the excess incremental lifetime risk for all of the nearby receptors , as required by CEQA. The City's emissions estimates for criteria pollutants do not substitute for a health risk analysis of the cancer risk posed by exposure to toxic air contaminants (TACs), in particular diesel particulate matter (DPM), released during Project construction and operation. Diesel exhaust contains nearly 40 toxic substances, including TACs and may pose a serious public health risk for residents in the vicinity of the facility. TACs are airborne substances that are capable of causing short-term

(acute) and/or long-term (chronic or carcinogenic, i.e., cancer causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. The current California list of TACs includes approximately 200 compounds, including particulate emissions from diesel-fueled engines.

Diesel exhaust has been linked to a range of serious health problems including an increase in respiratory disease, lung damage, cancer, and premature death. Fine DPM is deposited deep in the lungs in the smallest airways and can result in increased respiratory symptoms and disease; decreased lung function, particularly in children and individuals with asthma; alterations in lung tissue and respiratory tract defense mechanisms; and premature death. Exposure to DPM increases the risk of lung cancer. It also causes non-cancer effects including chronic bronchitis, inflammation of lung tissue, thickening of the alveolar walls, immunological allergic reactions, and airway constriction. DPM is a TAC that is recognized by state and federal agencies as causing severe health risk because it contains toxic materials, unlike PM2.5 and PM10.

The IS/MND fails to include a site-specific analysis of the Project's construction or operational health risk posed by DPM emissions. Given the proximity of sensitive receptors to the site and the nature of the TACs emitted, a health risk assessment, prepared in accordance with OEHHA guidance for the baseline, construction, and future years of the project, is essential.

> **Response B.5:** An HRA was completed for the project and is included in Appendix A to the IS. The results of the HRA are summarized on pages 36-37 of the IS. The HRA used the 2015 Office of Environmental Health and Hazard Assessment (OEHHA) risk assessment guidelines and California Air Resources Board (CARB) guidance. Additionally, BAAQMD has adopted recommended procedures for applying the newest OEHHA guidelines as part of Regulation 2, Rule 5: New Source Review of Toxic Air Contaminants. Exposure parameters from the OEHHA guidelines and the recent BAAQMD HRA Guidelines were used in HRA. Therefore, the IS has appropriately modeled and disclosed the health risk presented by the project to surrounding sensitive receptors, and the conclusion that the project would not result in significant health impacts is adequately supported by substantial evidence and no substantial evidence is provided in this comment supporting a fair argument the project would have significant health effects according to OEHHA and CARB guidance.

**Comment B.6:** 5. The IS/MND's Greenhouse Gas Emissions Analysis Is Unsupportable and Flawed

In its analysis of the Project's greenhouse gas (GHG) emissions the City ignores the 1,100 MT CO2e- per-year threshold contained in BAAQMD's CEQA Air Quality Analysis; the IS/MND indicates, however, that operational emissions from area sources, water, solid waste and energy demand total 10,323 MT CO2e per year— higher than the 10,000 MT CO2e per year threshold for new stationary sources. The cumulative estimate of 10,323 MT CO2e per year makes the project a significant emitter of GHGs based on BAAQMD's guideance. Since the City's Climate Action Plan (CAP) does not have quantitative thresholds for GHG emissions, the BAAQMD's threshold will remain the in effect. The City must revise its analysis and present a correct assessment of total GHG

emissions from the project as significant. The results should be presented in an EIR along with mitigation measures to correct the impacts.

**Response B.6:** The comment suggests that the IS should have used the BAAQMD threshold of 1,100 MTCO2e/yr. This threshold, however, was established to achieve the State's 2020 GHG reduction goal under AB 32 and are no longer applicable to development projects that would become operational after 2020. BAAQMD recently confirmed that these thresholds should no longer be used to determine CEQA impacts for development projects.[5] The comment also suggests the IS should have compared the project's overall GHG emissions to BAAQMD's 10,000 MTCO2e/yr threshold for stationary sources. This threshold would only be applicable to stationary sources such as the project's diesel generators (which are estimated to emit 522 MTCO2e/yr), not other components of the project that are not defined as stationary sources, such as the project's electricity use.

The analysis of GHG impacts in the IS was completed consistent with the requirements of Section 15064.4(a) of the CEQA Guidelines, which gives the lead agency discretion to determine, in the context of a particular project, whether to:
(1) Quantify greenhouse gas emissions resulting from a project; and/or
(2) Rely on a qualitative analysis or performance based standards. Case law has consistently confirmed that when CEQA provides a lead agency with discretion, a fair argument cannot then be made by arguing the opposite or alternate from what approach or method the lead agency has selected, otherwise the discretion would be meaningless. Therefore, given the City had discretion whether to quantitatively or qualitatively address the project's GHG emissions, and chose the latter, a fair argument cannot now be made on the basis of the failure to apply a quantitative threshold, given that would render moot the City's discretion to not quantify GHG emissions at all.

The IS quantified the project's estimated GHG emissions to disclose the overall magnitude of emissions for the public and decision-makers benefit, and yet ultimately relied on a qualitative analysis, as permitted by 15064.4(a)(2), to determine that the project would not result in a significant GHG impact. As discussed in the IS, because i) the project would receive electricity from a utility on track to meet the SB 32 2030 GHG emission reduction target, ii) would result in lower emissions (43.5 percent) than the statewide average for an equivalent facility due to SVP's power mix, iii) would include energy efficiency measures to reduce emissions to the extent feasible, and iv) would be consistent with applicable plans and policies adopted to reduce GHG emissions, the project would not generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment.

[5] California Energy Commission. Mission College Final Decision. August 21, 2020. Available at: https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-SPPE-05

**Comment B.7:** Conclusion

The facts identified and referenced in this comment letter lead me to conclude that the Project could result in significant unmitigated impacts if the air quality analysis is not corrected and the conditions of approval are not binding.

> **Response B.7:** As discussed in Responses B.1 through B.6, the comment letter does not present substantial evidence supporting a fair argument that the project would result in significant unavoidable environmental impacts. Therefore, an EIR is not required for the project.

# Appendix A: Comment Letters

# MITIGATION MONITORING OR REPORTING PROGRAM

# 1111 Comstock Data Center

## File Nos. PLN2019-13941 / CEQ2020-01079

**CITY OF SANTA CLARA**

**October 2020**

# P R E F A C E

Section 21081 of the California Environmental Quality Act (CEQA) requires a Lead Agency to adopt a Mitigation Monitoring or Reporting Program whenever it approves a project for which measures have been required to mitigate or avoid significant effects on the environment. The purpose of the monitoring or reporting program is to ensure compliance with the mitigation measures during project implementation.

The Initial Study concluded that the implementation of the 1111 Comstock Data Center Project could result in significant effects on the environment and mitigation measures were incorporated into the proposed project or are required as a condition of project approval. This Mitigation Monitoring or Reporting Program addresses those measures in terms of how and when they will be implemented.

This document does *not* discuss those subjects for which the Initial Study concluded that the impacts from implementation of the project would be less than significant.

| MITIGATION MONITORING OR REPORTING PROGRAM<br>1111 COMSTOCK DATA CENTER PROJECT | | | | |
|---|---|---|---|---|
| **Impact** | **Mitigation** | **Timeframe for Implementation** | **Responsibility for Implementation** | **Oversight of Implementation** |
| **BIOLOGICAL RESOURCES** | | | | |
| **Impact BIO-1:** Construction disturbance during nesting bird breeding season could result in incidental loss of fertile eggs or nestlings, or otherwise lead to nest abandonment. | **MM BIO 1-1:** Construction shall be scheduled to avoid the nesting bird season to the extent feasible. The nesting season for most birds, including most raptors, in the San Francisco Bay Area extends from February 1 through August 31.<br><br>• If it is not possible to schedule construction activities between September 1 and January 31, then pre-construction surveys for nesting birds shall be completed by a qualified ornithologist to ensure no nest shall be disturbed during project implementation. This survey shall be completed no more than 14 days prior to the initiation of grading, tree removal, or other demolition or construction activities during the early part of the breeding season (February through April) and no more than 30 days prior to the initiation of these activities during the late part of the breeding season (May through August).<br><br>• During this survey, the ornithologist shall inspect all trees and other possible nesting habitats within and immediately adjacent to the construction area for nests. If an active nest is found sufficiently close to work areas to be disturbed by construction, the ornithologist, in consultation with CDFW, shall determine the extent of a construction-free buffer zone to be established around the nest to ensure that nests of bird species protected by the MBTA or Fish and Game Code shall not be disturbed during project construction.<br><br>• A final report of nesting birds, including any protection measures, shall be submitted to the Director of Community Development prior to the start of grading or tree removal. | No more than 14 days prior to the initiation of grading, tree removal, or other demolition or construction activities during the early part of the breeding season (February through April)<br><br>No more than 30 days prior to the initiation of these activities during the late part of the breeding season (May through August).<br><br>During all phases of construction (if a buffer is established). | Project Applicant | Director of Community Development<br><br>California Department of Fish and Wildlife |

| MITIGATION MONITORING OR REPORTING PROGRAM<br>1111 COMSTOCK DATA CENTER PROJECT | | | | |
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| **Impact** | **Mitigation** | **Timeframe for Implementation** | **Responsibility for Implementation** | **Oversight of Implementation** |
| **CULTURAL RESOURCES** | | | | |
| **Impact CUL–1:** Subsurface cultural resources could be uncovered during construction of the proposed project. | **MM CUL-1.1:** After demolition of the existing building and paved parking lot on the site, a qualified archaeologist shall complete mechanical presence/absence testing for archaeological deposits and cultural materials. In the event any prehistoric site indicators are discovered, additional backhoe testing will be conducted to map the aerial extent and depth below the surface of the deposits. In the event prehistoric or historic archaeological deposits are found during presence/absence testing, the significance of the find will be determined. If deemed significant, a Treatment Plan will be prepared and provided to the Director of Community Development. The key elements of a Treatment Plan shall include the following:<br><br>• Identify scope of work and range of subsurface effects (include location map and development plan),<br><br>• Describe the environmental setting (past and present) and the historic/prehistoric background of the parcel (potential range of what might be found),<br><br>• Develop research questions and goals to be addressed by the investigation (what is significant vs. what is redundant information),<br><br>• Detail field strategy used to record, recover, or avoid the finds (photogs, drawings, written records, provenience data maps, soil profiles, excavation techniques, standard archaeological methods) and address research goals. | After demolition and prior to project construction | Project Applicant | Director of Community Development |

| MITIGATION MONITORING OR REPORTING PROGRAM<br>1111 COMSTOCK DATA CENTER PROJECT | | | | |
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| **Impact** | **Mitigation** | **Timeframe for Implementation** | **Responsibility for Implementation** | **Oversight of Implementation** |
| | • Analytical methods (radiocarbon dating, obsidian studies, bone studies, historic artifacts studies [list categories and methods], packaging methods for artifacts, etc.).<br><br>• Report structure, including a technical and layman's report and an outline of document contents in one year of completion of development (provide a draft for review before a final report),<br><br>• Disposition of the artifacts,<br><br>• Appendices: site records, update site records, correspondence, consultation with Native Americans, etc.<br><br>**MM CUL-1.2:** In the event that prehistoric or historic resources that are not discovered during presence/absence testing are encountered during excavation and/or grading of the site, all activity within a 50-foot radius of the find will be stopped, the Director of Community Development will be notified, and the archaeologist will examine the find and make appropriate recommendations prior to issuance of building permits. If the find is deemed significant, a Treatment Plan will be prepared as outlined in MM CUL-1.1. | During all phases of construction | Project Applicant | Director of Community Development |

| MITIGATION MONITORING OR REPORTING PROGRAM<br>1111 COMSTOCK DATA CENTER PROJECT | | | | |
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| **Impact** | **Mitigation** | **Timeframe for Implementation** | **Responsibility for Implementation** | **Oversight of Implementation** |
| **Impact CUL–2:** Construction could result in the exposure or destruction of undiscovered subsurface prehistoric human remains. | **MM CUL-2.1:** In the event that human remains are discovered during excavation and/or grading of the site, all activity within a 50-foot radius of the find will be stopped. The Santa Clara County Coroner will be notified and shall make a determination as to whether the remains are of Native American origin or whether an investigation into the cause of death is required. If the remains are determined to be Native American, the Coroner will notify the Native American Heritage Commission (NAHC) immediately. Once the NAHC identifies the most likely descendants, the descendants will make recommendations regarding proper burial, which will be implemented in accordance with Section 15064.5(e) of the CEQA Guidelines. | During construction | Project Applicant | Santa Clara County Coroner<br><br>Native American Heritage Commission (NAHC) |
| **GEOLOGY AND SOILS** | | | | |
| **Impact GEO-1:** Ground disturbing activities of 10 feet in depth or more at the site has the potential to impact undiscovered paleontological resources. | **MM GEO-1.1:** Drilling activities associated with the proposed augered foundation piles shall be monitored by a qualified paleontologist. In the event paleontological resources are discovered all work shall be halted within 50 feet of the find and a Paleontological Resource Mitigation Plan shall be prepared by a qualified paleontologist to address assessment and recovery of the resource. A final report documenting any found resources, their recovery, and disposition shall be prepared in consultation with the Community Development Director and filed with the City and local repository. | During construction | Project Applicant | Director of Community Development |

| MITIGATION MONITORING OR REPORTING PROGRAM<br>1111 COMSTOCK DATA CENTER PROJECT | | | | |
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| **Impact** | **Mitigation** | **Timeframe for Implementation** | **Responsibility for Implementation** | **Oversight of Implementation** |
| **NOISE AND VIBRATION** | | | | |
| **Impact NOI-1:** Testing of all generators simultaneously under 10 percent load concurrent with operation of HVAC equipment or a single generator operating under full load would exceed industrial noise levels to the north. | **MM NOI-1:** The proposed seven-foot, six-inch parapet wall will be constructed without any gaps or cracks and have a minimum surface weight of three-pounds per square foot (such as one-inch thick wood, ½-inch laminated glass, masonry block, concrete, or metal one-inch).<br><br>**MM NOI-1.2:** The proposed generator testing schedule shall be followed wherein under 10 percent load, all generators may be tested simultaneously, and under full load, only one at a time may be tested. | During all project operations | Project Applicant | Director of Community Development |
| **Impact NOI-2:** Construction vibration could result in cosmetic damage to the Trescal instrument calibration facility. | **MM NOI-2.1:**<br><br>• Place operating equipment on the construction site as far as possible from vibration sensitive receptors.<br><br>• Avoid using vibratory rollers and tampers near sensitive areas.<br><br>• Avoid dropping heavy objects or materials near shared property lines. | Prior to and during construction | Project Applicant | Director of Community Development |

| MITIGATION MONITORING OR REPORTING PROGRAM<br>1111 COMSTOCK DATA CENTER PROJECT | | | | |
|---|---|---|---|---|
| **Impact** | **Mitigation** | **Timeframe for Implementation** | **Responsibility for Implementation** | **Oversight of Implementation** |
| | • A construction vibration-monitoring plan shall be implemented to document conditions at the adjacent Trescal building, located at 1065 Comstock Street, prior to, during, and after vibration generating construction activities within 15 feet of the building. All plan tasks shall be performed in accordance with industry accepted standard methods. The construction vibration monitoring plan should be implemented to include the following tasks:<br><br>o Performance of a photo survey, elevation survey, and crack monitoring survey for the Trescal building in the area adjoining the project site. Surveys shall be performed prior to, in regular intervals during, and after completion of vibration generating construction activities within 15 feet of the building, and shall include internal and external crack monitoring in the structure, settlement, and distress, and shall document the condition of the foundation, walls, and other structural elements in the interior and exterior of said structure to the extent that access is provided by the owner of the building.<br>o Conduct a post-survey on the structure where monitoring has indicated high levels or complaints of damage. Make appropriate repairs or provide compensation where damage has occurred as a result of construction activities.<br>o Designate a person responsible for registering and investigating claims of excessive vibration. The contact information of such person shall be clearly posted on the construction site. | See previous page | See previous page | See previous page |

**SOURCE:** City of Santa Clara, *1111 Comstock Data Center Project Initial Study*, September 2020.

**20-1095** **Agenda Date: 11/4/2020**

# REPORT TO DEVELOPMENT REVIEW HEARING

## SUBJECT

Action on a new 301-unit multi-family residential project with two live-work units and 650 square feet of co-working space located at 2263 Calle Del Mundo

**File No.(s)**: **PLN2018-13443**
**Location:** 2263 Calle Del Mundo, a 1.94-acre lot located in the mid-block of Calle Del Mundo, APNs: 097-05-060, -061; property is zoned Transit Neighborhood (TN).
**Applicant**: Rethink Development
**Owner:** Lafayette Development no5/Bearcat Properties LLC
**Request:** Architectural Review of a 301-unit multi-family residential, two of which are live-work units, and 650 square feet of co-working space as part of the Tasman East Specific Plan (TESP). The project involves the demolition of existing light industrial buildings and the construction of one eight-story building with internal garage parking.
**CEQA Determination**: Determination of Consistency with the Tasman East Specific Plan EIR (Government Code Section 65457)
**Project Planner**: Adam Petersen, Contract Planner
**Staff Recommendation**: Approve, subject to conditions of approval

## Project Data

Project Data is summarized in Attachment 1, Table 1.

## Background

The project was scheduled for the October 21, 2020 DRH. However, the applicant requested a continuance to November 4, 2020 to resolve consideration of possible amendments to bird safe design measures in the conditions of approval, specifically CD21 through CD25. Minor clarifications were added to conditions of approval CD22, CD24, and CD25 related to bird safe design requirements, while conditions CD21 and CD23 remain unchanged. The conditions including those with some clarifying language are consistent with the mitigation measures identified in the Tasman East Specific Plan EIR. The applicant has concurred that the conditions of approval and will be implemented with the project.

## Points for consideration for the Development Review Hearing

*Summary*

- The applicant proposes to redevelop the 1.94-acre site within the Tasman East Specific Plan (TESP) and construct an eight story mid-rise building, comprised of 299 dwelling units, two live -work units, approximately 650 square feet (sf.) of commercial co-working space, dog spa, and

a fitness on the ground floor.

- TESP envisions the transformation of a patchwork of industrial parks and single-family communities into a walkable, transit and trail-oriented, high density area offer an urban lifestyle alongside regional destinations, with the Tasman East area as the heart of the transformation. The project is in the Hill District of the TESP, which envisions the District's park potentially connecting to the City Place's proposed Second Street.
- The project includes 13,936 sf. in dedicated park open space, consistent with TESP requirements. The park land is tangential to the length of the Summerhill park and leads to the City Place development located north of the TESP. The dedicated park space is comprised of 10,494 sf. park dedicated in fee, 1,985 sf. green space dedicated in easement, and 1,457 sf. park amenity room that the City would manage. The project includes 23,600 sf. of private open space comprised of pool space and a games courtyard on the fourth level of the building, a dog run and side yard areas on the ground floor, and a terrace lounge on the eighth floor.
- The density range for the Transit Neighborhood (TN) designation is 100-350 dwelling units per acre. Based on the subject 1.76 net acre site, after the park dedications in title, the net density is 177 du/ac. Density is calculated as net density within the TESP.
- The project includes three levels of parking at the center of the building, 124 spaces of long-term bike parking inside the building, Vehicular access to the internal parking garage is achieved from a driveway along Calle del Mundo.
- With the implantation of the TESP and the Related Santa Clara project, the site and its surroundings are expected to be a neighborhood in transition. Currently, the neighborhood is characterized by low-intensity industrial buildings and wide two-lane roads that are conducive to industrial uses.

*Building Design*

- The project is a wrap structure with three levels of a parking garage located at the center of the building, and the residential uses encompassing it. Access to the garage is from Calle del Mundo, but the garage entry is recessed approximately 25 ft. from the property line. As noted, the fourth floor contains private open space, comprised of a pool and games courtyard, with an open space terrace on the eighth level.
- The project is consistent with the Building Design Guidelines (building scale and organization, building fenestration and materials, and rooftops); Bulk and Massing Guidelines (maximum floor plate area, maximum plan length, apparent face length, required notches and recesses and tower separation); Building Performance (solar ready roof); and Building Frontages (ground floor active uses). The overall architecture of the building represents a contemporary design using corrugated metal, cement plaster, cast in place concrete, and panel siding. Windows are comprised of vision glass with metal frames. Material finishes are smooth in texture, and colors are muted, consisting of shades of grey and earth tones in the panel siding
    - Building Design. The project expresses scale using balconies, recesses and projections.
    - Bulk and Massing. The project includes a portion of the midrise that is setback approximately 48 ft. from the front property line, for a length of approximately 121 ft. This setback facilitates creation of the park and contributes to the design and location of

the podium for the pool deck. The remaining 222 ft. of the building establishes the streetscape. All portions the façade incorporate recesses, notches, and projected portions of the façade consistent with the TESP. Further, the eighth floor contains balcony areas along the portion of the building fronting Calle del Mundo. This recesses portions of the structure, thereby minimizing mass and bulk. The combination of setbacks, recesses, and changes in plane avoid a monotonous building and are consistent with the TESP.

- Building Performance. Solar ready areas are proposed on the roof.
- Building Frontages. The building includes the appropriate street wall modulations. Other architectural elements such as canopies, stoops are provided that meet the standards. The mid-rise portions of the building provide enough separation and activate the street level by providing live-work and co-working spaces along street frontages.

- A total of 26.65 of the units are conditioned to be affordable rental prices to extremely low, very low, low and/or moderate-income household secured through an agreement between the City and the property owner.
- The proposed development is consistent with the General Plan, and with the TN Zoning District development standards. The approved TESP provides for a residential yield of up to 4,500 new dwelling units over the next 20 years. A total of 301 units (177 net dwelling units per acre) is proposed.
- The proposal will support goals, policies and land uses established in the TESP to create a mix of housing types, affordable housing, open spaces, and supporting linkage to the City Place project.

*Park Space*

At least five acres of dedicated park land is required within the TESP upon buildout. A total of 0.85 acres is required within the Hill District of the plan. The project's pro rata park dedication requirement is 11,700 sf. The project proposes to dedicate 13,936 sf. of improved park land thereby satisfying the requirements of the TESP.

**Findings supporting the Staff Recommendation**

1) *That any off-street parking area, screening strips and other facilitates and improvements necessary to secure the purpose and intent of this title and the general plan of the City area a part of the proposed development, in that;*

   - The development provides the required parking spaces under SCCC 18.25.070(a)(3) and (5). Overall, the project provides 308 parking spaces (248 universal size spaces; 26 tandem spaces; 10 accessible spaces; and 15 guest spaces) with a three-story structured parking facility providing the podium for the buildings.

2) *That the design and location of the proposed development and its relation to neighboring developments and traffic is such that it will not impair the desirability of investment or occupation in the neighborhood, will not unreasonably interfere with the use and enjoyment of neighboring developments, and will not create traffic congestion or hazard, in that;*

   - The project is consistent with the Tasman East Specific Plan Street Design Guidelines, Open Space Design Guidelines and Building Design Guidelines. The project


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implements the TESP by providing the necessary components such as bike lanes, sidewalk widths, landscaping for the park in accordance with the TESP. The project dedicates 0.3205 acres of land for open space in accordance with the TESP for the sub -district. The building is designed to be consistent with the TESP by providing building plane changes, balconies, a variety of materials, colors and fenestration patterns.

- The proposed project incorporates high quality sustainable, energy efficient materials and will meet or exceed all CalGreen requirements.
- On balance, the project is consistent with the City's General Plan as discussed in Table 2 of Attachment 1.

*3) That the design and location of the proposed development is such that it is in keeping with the character of the neighborhood and is such as not to be detrimental to the harmonious development contemplated by this title and the general plan of the City, in that;*

- The development is consistent with the Transit Neighborhood designation. The project is compatible with the planned high-density residential uses in the area.
- The conditions of approval include bird safe design mitigation measures which obligate the project to implement.

*4) That the granting of such approval will not, under the circumstances of the particular case, materially affect adversely the health, comfort or general welfare of persons residing or working in the neighborhood of said development, and will not be materially detrimental to the public welfare or injuries to property or improvements in said neighborhood, in that;*

- The project is subject to the California Building Code and City Code requirements, which serve to regulate new construction to protect public health, safety and general welfare.
- The use, scale, and design of the development, as conditioned, are consistent with the Tasman East Specific Plan standards and are compatible with the planned uses in the surrounding area.

*5) That the proposed development, as set forth in the plans and drawings, are consistent with the set of more detailed policies and criteria for architectural review as approved and updated from time to time by the City Council, which set shall be maintained in the planning division office. The policies and criteria so approved shall be fully effective and operative to the same extent as if written into and made a part of this title, in that;*

- The proposed development provides for an attractive, inviting, imaginative and functional site arrangement of the building, the obscured parking areas, and a high quality architectural and landscape design. The project also provides for proper access, visibility and identity, and access to transit within the Tasman East Specific Plan and adds new rental housing with some affordable housing for various income levels.

## ENVIRONMENTAL REVIEW

An Addendum was prepared for the project in accordance with the California Environmental Quality Act (CEQA). CEQA Guidelines Section 15162 states that when an Environmental Impact Report (EIR) has been certified or a Negative Declaration adopted for a project, no subsequent EIR shall be


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prepared for that project unless the Lead Agency determines on the basis of substantial evidence in light of the whole record that substantial changes or new information of substantial importance has been identified. The City of Santa Clara certified the Tasman East Specific Plan (TESP) EIR (SCH#2016122027, File Nos. CEQ2016-01026, PLN2016-12400). Based on the proposed project description and knowledge of the project site (based on the environmental review prepared for the TESP FEIR), the City has concluded that the proposed project would not result in any new impacts not previously disclosed in the TESP FEIR and would not result in a substantial increase in the magnitude of any significant environmental impacts previously identified in the FEIR. For these reasons, an addendum to the TESP FEIR has been prepared for the proposed project. An addendum is not required to circulate for public review, but will be attached to the TESP FEIR, pursuant to CEQA Guidelines Section 15164(c).

## FISCAL IMPACT

There is no impact to the City for processing the requested application other than administrative staff time and expense typically covered by processing fees paid by the applicant.

## PUBLIC CONTACT

On October 8, 20202, a notice of public hearing of this item was mailed 1,000 feet of the project site and mailed to property owners within 1,000 feet of the project site. Planning Staff has not received public comments for this application.

Public contact was made by posting the Council agenda on the City's official-notice bulletin board outside City Hall Council Chambers. A complete agenda packet is available on the City's website and in the City Clerk's Office at least 72 hours prior to a Regular Meeting and 24 hours prior to a Special Meeting. A hard copy of any agenda report may be requested by contacting the City Clerk's Office at (408) 615-2220, email clerk@santaclaraca.gov <mailto:clerk@santaclaraca.gov>.

## ALTERNATIVES

1. Approve the project with modifications to conditions of approval
2. Continue the project to a date certain

## RECOMMENDATION

Approve, subject to conditions, the Architectural Review to develop a new 301-unit multi-family residential project with two live-work units and 650 square feet of co-working space as shown in the project plans included in Attachment 4.

Reviewed by: Adam Petersen, Contract Planner, Community Development Department
Approved by: Gloria Sciara, Development Review Officer, Community Development Department

## ATTACHMENTS

1. Staff Report Tables
2. Conditions of Approval
3. Addendum
4. Development Plans

**Attachment 1 – Project Tables**

Table 1 – Project Data

| | **Existing** | **Proposed** |
|---|---|---|
| **General Plan Designation** | Transit Neighborhood | No change |
| **Zoning District** | Transit Neighborhood | No change |
| **Land Use** | Unoccupied Industrial Buildings | Residential, Live-Work, Co-Working |
| **Lot Size** | 1.94 acres | |
| **Building Square Footage (sf.)** | 16,490 sf. and<br>17,470 sf.<br>Total: 33,960 sf. | Residential/Leasing/Amenity: 303,180 sf<br>Co-working: 650 sf<br>Park Amenity:1,457 sf<br>Garage: 120,710 sf<br>Total: 426,010 sf |
| **Residential Units** | None | 301 |
| **Parking** | Surface parking | 308 within a parking structure<br>248 = universal spaces<br>9 = EV compliant<br>26 = tandem<br>10 = accessible spaces<br>15 = guest spaces |

Table 2 – General Plan Consistency Analysis

| **PROJECT CONSISTENCY WITH SANTA CLARA GENERAL PLAN LAND USE POLICIES** | |
|---|---|
| **Land Use Policies** | **Project Consistency** |
| 5.3.1-P2: Encourage advance notification and neighborhood meetings to provide an opportunity for early community review of new development proposals. | The project included a community meeting that was held on July 15, 2019. |
| 5.3.1-P3: Support high quality design consistent with adopted design guidelines and the City's architectural review process. | The project is consistent with the Tasman East Specific Plan design guidelines. The project includes a variety of materials and design techniques when combined makes the project aesthetically compatible with the vision of the area. |
| 5.3.1-P4: Encourage new development that meets the minimum intensities and densities specified in | The project's density of 177 dwelling units per net acre is within the minimum and |

| PROJECT CONSISTENCY WITH SANTA CLARA GENERAL PLAN LAND USE POLICIES | |
|---|---|
| **Land Use Policies** | **Project Consistency** |
| the land use classifications or as defined through applicable Focus Area, Neighborhood Compatibility or Historic Preservation policies of the General Plan. | maximum range indicated in the General Plan. |
| 5.3.1-P9: Require that new development provide adequate public services and facilities, infrastructure, and amenities to serve the new employment or residential growth. | The project will be required to upgrade infrastructure facilities in accordance of the Tasman East Specific Plan implementation program. |
| 5.3.1-P10: Provide opportunities for increased landscaping and trees in the community, including requirements for new development to provide street trees and a minimum 2:1 on- or off-site replacement for trees removed as part of the proposal to help increase the urban forest and minimize the heat island effect. | Twenty trees currently exist on-site and as well as street trees, which will all be replaced. The project will have more than 2:1 replacement with 54 new trees within the project area and other trees to be determined with the dedicated park area. |
| 5.3.1-P12: Encourage convenient pedestrian connections within new and existing developments. | The project includes sidewalks and bicycle lanes as well as connections to the new park area to the rear of the property. |
| 5.3.1-P13: Support high density and intensity development within a quarter-mile of transit hubs and stations and along transit corridors. | The project is located near the Santa Clara/Great America Train Station (ACE/Amtrak) and the Lick Mill Station (Santa Clara Valley Light Rail). |
| 5.3.1-P14: Encourage Transportation Demand Management strategies and the provision of bicycle and pedestrian amenities in all new development greater than 25 housing units or more than 10,000 non-residential square feet, and for City employees, in order to decrease use of the single-occupant automobile and reduce vehicle miles traveled, consistent with the CAP. | The project will implement a Transportation Demand Management program. The project includes bicycle parking on-site in a dedicated bike room with parking for 151 bicycles. |
| 5.3.2-P2: Encourage higher-density residential development in transit and mixed-use areas and in other locations throughout the City where appropriate. | The project is approximately 177 dwelling units per net acre and is within walking distance of transit stations. |
| 5.3.2-P8: Require new residential development to comply with applicable regulations for the provision of affordable housing. | The project is conditioned to include 26.65 affordable units and will also pay an in-lieu fee in accordance with the City's ordinance. |
| 5.4.6-P4: Promote pedestrian-friendly design that includes features such as shade trees, streetscapes that contain lighting and | The project will implement the pedestrian friendly street designs indicated in the Tasman East Specific Plan including the |

| PROJECT CONSISTENCY WITH SANTA CLARA GENERAL PLAN LAND USE POLICIES | |
|---|---|
| **Land Use Policies** | **Project Consistency** |
| landscaping, street furniture, pedestrian and bike paths, limited driveway curb cuts, traffic-calming features, and pedestrian street crossings. | bicycle lanes and wider sidewalks along Lick Mill Boulevard. The project provides 290 bicycle parking spaces. |
| 5.4.6-P5: Provide publically accessible open space within the Tasman East Focus Area that is accessible to all residents, adequate to meet their activity needs, and consistent with the General Plan requirements and other City regulations. | The project will dedicate 10,494 sf. park dedicated in fee to the City to establishing a public park. |
| 5.4.6-P7: Provide for future connections, which encourage walking and bicycling, to the new development in the north when it is redeveloped to promote accessibility between the two areas. | The future public park would provide connections to the City Place project located north of the project site. |
| 5.4.6-P11: Require new buildings to maintain a consistent setback/build-to-line from the public right-of- way in order to create a well-defined public sidewalk and street. | The project maintains the required setback along the street. A main lobby and amenity buiding is centrally located in the building where the new street identified I nth TESP would intersection Calle del Mundo. All aspects of the garage would be screened from view. Defined steps lead to the podium deck area from the street. |
| 5.4.6-P13: Require that building facades and entrances directly face street frontages, with a high proportion of transparent windows facing the street for nonresidential uses. | The project's fenestration is designed to include glazing where common amenities and common entryways are planned. |
| 5.4.6-P14: Encourage sensitive design and site planning to minimize the scale of larger buildings through use of building massing, setbacks, façade articulation, fenestration, varied parapets and roof lines, and pedestrian-scaled architectural details. | The project provides features with visual interest such as balconies and plane changes. Material changes and color are introduced to help minimize the scale of the building. An amenity building is centrally located at the street to provide some visual interest. |
| 5.4.6-P15: Encourage parking to be located in structures to minimize their visibility from streets and public spaces. | Parking is provided within the building in a three-level parking garage. The entries to the garage are located on the sides (north and south property lines). |
| 5.4.6-P17: Encourage new development to build to a green neighborhood rating standard. | The project will be consistent with the City's green building requirements. |

## CONDITIONS OF APPROVAL

In addition to complying with all applicable codes, regulations, ordinances and resolutions, the following **conditions of approval** are required:

## GENERAL

G1. If relocation of an existing public facility becomes necessary due to a conflict with the developer's new improvements, then the cost of said relocation shall be borne by the developer.

G2. Comply with all applicable codes, regulations, ordinances and resolutions.

## ATTORNEY'S OFFICE

A1. The Developer agrees to defend and indemnify and hold City, its officers, agents, employees, officials and representatives free and harmless from and against any and all claims, losses, damages, attorneys' fees, injuries, costs, and liabilities arising from any suit for damages or for equitable or injunctive relief which is filed by a third party against the City by reason of its approval of developer's project.

## COMMUNITY DEVELOPMENT

CD1. Based on the Assessment of Avian Collision Risk prepared for the project as part of the CEQA review, the project shall reduce the high bird collision risk associated with the mid-rise building form through the treatment of its site and building features to comply with MM BIO-3.1 and MM BIO-4. of the MMRP. Compliance with these mitigation measures shall be subject to independent evaluation by a qualified third-party consultant ("Consultant"). The Consultant shall be approved by the Community Development Director prior to commencing the evaluation.

The Consultant shall be responsible for verifying that feature-related hazards (e.g., free-standing glass railings and transparent glass corners) within 60 feet of proposed exterior vegetation and 2) and storefront glazing adjacent to landscape vegetation located on the lower floors of the buildings and 3) lighting, illumination and resulting reflectivity between these features and vegetation are consistent with MM BIO-3.1 and MM BIO-4.1 of the MMRP.

The Consultant shall submit a report with their findings to the Community Development Director verifying that the building permit plans submitted implement MM BIO-3.1 and MM BIO-4.1 of the MMRP measures and industry best practices such as those identified *in Reducing Bird Collisions with Building and Building Glass Best Practices* issued by the US Fish and Wildlife Service, Division of Migratory Bird Management:

https://www.fws.gov/migratorybirds/pdf/management/reducingbirdcollisionswithbuildings.pdf

or other equivalent best management practices acceptable to the City of Santa Clara. The Consultant's report shall be submitted concurrent with the submittal of a building permit application.

CD2. Obtain required permits and inspections from the Building Official and comply with the conditions thereof. As this project involves land area of one acre or more, the Developer shall file a Notice of Intent (NOI) with the State Water Resources Control Board prior to issuance of any building permit for grading, or construction; a copy of the NOI shall be sent to the City Building Inspection Division. A stormwater pollution prevention plan is also required with the NOI.

CD3. Submit plans containing final architectural details for review and approval to the Planning Division as part of the building permit submittal. Said plans to include, but not be limited to: site plans, floor plans, elevations, landscaping, lighting, signage, and stormwater management plan. Developer must provide third party verification of the stormwater management plan for conformance with C3 requirements as part of the building permit submittal.

CD4. Minor changes to the building, landscaping, or other minor plan elements would be subject to Planning Division review and approval of a Minor Adjustment to an approved project, or through Architectural Review, subject to the discretion of the Director of Community Development.

CD5. Submit complete landscape plans, including irrigation plan and composite utility and tree layout overlay plan, for Planning Division review and approval with installation of required landscaping prior to the issuance of occupancy and or final building permit. Landscape plan to include type and size of proposed trees. Coordinate with the City Arborist for the type, location, installation and maintenance of large canopy street trees fronting the project site along the public right-of-way. Type and size of tree replacement on project site shall be at the direction of the City Arborist and require Planning Division review and approval. Installation of root barriers and super-soil may be required with the installation of trees where electric, water, and sewer utilities are in proximity.

CD6. Developer is responsible for collection and pick-up of all trash and debris on-site and adjacent public right-of-way.

CD7. The Developer shall submit a truck hauling route for demolition, soil, debris and material removal, and construction to the Director of Community Development for review and approval prior to the issuance of demolition and building permits.

CD8. Construction activity not confined within a building shall be limited to the hours of 7:00 a.m. to 6:00 p.m. weekdays and not permitted on Saturdays, Sundays and State and federal holidays for projects within 300 feet of a residential use. Construction activity confined within a building shall be limited to the hours of 7:00 a.m. to 6:00 p.m. weekdays and 9:00 a.m. to 6:00 p.m. Saturdays for projects within 300 feet of a residential use and prohibited on Sundays and State and federal holidays.

CD9. The applicant or designee shall pay the Specific Plan Fee within 60 days of adoption of the Specific Plan Fee to defray the cost of the City's preparation of the Tasman East Specific Plan and the Tasman East Environmental Impact Report.

CD10. The Developer shall comply with the Mitigations Monitoring and Reporting Program (MMRP) identified in the Tasman East Specific Plan Environmental Impact Report (SCH No. 2016122027).

CD11. Design the site to limit exposure from sources of TACs and fine particulate matter (PM2.5) emissions. The final site layout shall locate operable windows and air intakes as reasonably far as possible from the Union Pacific railroad line/Lafayette Street and Tasman Drive.

CD12. Install air filtration at units that have predicted PM2.5 concentrations above 0.3 µg/m3. Air filtration devices shall be rated MERV13 or higher. Alternately, at the approval of the City, equivalent control technology may be used if it is shown by a qualified air quality consultant or heating, ventilation, and air conditioning (HVAC) engineer that it would reduce risk below significance thresholds.

CD13. As part of implementing this measure, an ongoing maintenance plan for the building's HVAC air filtration system shall be required.

CD14. Ensure that any lease agreements and other property documents (1) require cleaning, maintenance, and monitoring of the affected units for air flow leaks; (2) include assurance that new owners and tenants are provided information on the ventilation system; and (3) include provisions that fees associated with owning or leasing a unit(s) in the building include funds for cleaning, maintenance, monitoring, and replacements of the filters, as needed.

CD15. Require that, prior to building occupancy, an authorized air pollutant consultant or HVAC engineer verify the installation of all necessary measures to reduce cancer risk below 10 chances per million from any source and PM2.5 concentrations above 0.3 µg/m3 for any source and 0.8 µg/m3 for all sources.

CD16. For areas of contiguous glazing on the ground floor greater than 99 square feet in size as described above, the glazing shall be treated/modified via any of the methods described in the TESP FEIR: fritting stenciling, frosting, adding ultraviolet patterns, or employing physical screens or grids. (Note: netting is not recommended given the high level of maintenance typically required, and the potential for unmaintained netting to trap birds.)

CD17. Prior to issuance of building permit, include a note on project plans that all paving control joints shall be saw cut.

CD18. Prior to issuance of building permit, demonstrate that all pathway and/or open space lighting utilizes Dark Sky compliant and efficient lamping.

CD19. Prior to issuance of building permit, include signage for privately owned, publicly accessible open space.

CD20. No more than 10 percent of the surface area of the façades on the southern and western sides of the building shall consist of untreated glazing between the ground and 60 feet above ground. The applicant shall include untreated glazing in the areas shown in Figures 7 to 9 of Appendix A; or

CD21. No more than 10 percent of the surface area of façades within the areas indicated in red on Figures 7 to 9 of Appendix A. (i.e., heavily glazed areas on floors one and two and portions of floor three) on the southern and western sides of the building shall consist of untreated glazing. This alternative focuses on the areas indicated in red where collision is highest and would provide less flexibility regarding where unglazed treatment would occur.

CD22. All glass railings and transparent glass corners shall be 100 percent treated adjacent to open space areas where landscape vegetation is proposed (i.e.,

floors one and four adjacent to the pool deck). Since the vegetated areas on floors four and eight are relatively large and could attract birds, all glass railings and transparent glass corners within 60 feet above and below these areas shall be treated. Glass corners are considered “transparent” when they have extensive glazing on either side such that birds are likely to see through the corners to the other side of the building. Glass railings and transparent glass corners where treatment is required is shown on Figures 7 to 9 of Appendix A. In addition, all glass railings and glass corners surrounding the community garden shall be treated. Corners at residential dwelling spaces are not considered to be “transparent” if they include a minimum of 20 inches or more of opaque materials at each corner.

CD23. The glazing on floor three (below the fourth floor pool deck) shall be treated with a bird-safe glazing treatment so that 1) no more than 10 percent of the surface area consists of untreated glazing on the southern and western sides of the building and 2) any untreated glazed areas (i.e., the 10 percent untreated areas on the south and west sides of the building) are broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments. The areas that shall be treated are shown on Figures 7 to 9 of Appendix A.

CD24. No more than 10 percent of the surface area of the building’s combined façades within 12 vertical feet above and/or below the fourth floor pool deck and above the eighth floor viewing terrace and community garden shall have untreated glazing. The façade below the eighth floor terrace and above the fourth floor pool deck (residential units) would have opaque wall panels broken up by small individual windows which reduces glazing at the top of the building where the eighth floor green roof is proposed and above the pool deck. All remaining untreated glazed areas within 12 feet above and below the fourth floor pool deck and above the eighth floor viewing terrace and community garden shall be broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments. In addition, any glazing surrounding the terrace (i.e., on the eastern and western sides of the terrace) and community garden shall be treated.

CD25. All glazed façades adjacent to landscape vegetation within the public park on the ground floor, the pool deck on the fourth floor, and the community garden and view terrace on the eighth floor shall be treated with a bird-safe glazing treatment such that no more than 10 percent of the surface area consists of untreated glazing and all remaining untreated glazed areas shall be broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments. The areas that shall be treated are shown on Figures 7 to 12 of Appendix A. In addition, landscaped vegetation with flowers and fruits and the Coast live oak trees shall be removed from any planted areas located immediately adjacent to untreated glazed areas.

CD26. The project shall comply with the exterior Leadership in Energy and Environmental Design (LEED) Pilot Credit 55 lighting requirement as follows:

- Exterior building fixtures that are not necessary for safety, building entrances, and circulation shall be automatically shut off from midnight until 6:00 AM. Manual override capability may be provided for occasional after-hour use.
- Exterior up-lighting in the project design shall be avoided.

**BUILDING**

BD1. Prior to overall construction permit application, submit to the Santa Clara Building Division, 2 copies of an addressing diagram request, to be prepared by a licensed architect or engineer. The addressing diagram(s) shall include all proposed streets and all building floor plans. The addressing diagram(s) shall conform to Santa Clara City Manager Directive #5; Street Name and Building Number Changes, and Santa Clara Building Division Address Policy For Residential and Commercial Developments. The addressing diagram(s) shall indicate all unit numbers to be based off established streets, not alleys nor access-ways to garages. Allow a minimum of 10 working days for initial staff review. Please note city staff policy that existing site addresses typically are retired. Provide digital pdf printed from design software, not scanned from printed paper sheet

BD2. The construction permit application drawings submitted to the Santa Clara Building Division shall include a copy of the latest Federal Emergency Management Agency (FEMA) Flood Zone Map: https://msc.fema.gov/portal/home. The project drawings shall indicate how the project complies with the Santa Clara Flood Damage Prevention Code.

BD3. The construction permit application drawings submitted to the Santa Clara Building Division shall include Santa Clara Valley Urban Runoff Pollution Prevention Program Low Impact Development (LID) practices http://www.scvurppp-w2k.com/nd_wp.shtml. All projects that disturb more than one acre, or projects that are part of a larger development that in total disturbs more than one acre, shall comply with the Santa Clara Valley Urban Runoff Pollution Prevention Program Best Management Practices (BMP): http://www.scvurppp-w2k.com/construction_bmp.shtml, and shall provide a Storm Water Pollution Prevention Plan (SWPPP) by a certified Qualified SWPPP Developer (QSD). All site drainage and grading permit applications submitted to the Santa Clara Building Division shall include a city of Santa Clara "C3" data form, available on this web page: https://www.santaclaraca.gov/our-city/departments-g-z/public-works/environmental-programs/stormwater-pollution-prevention and will be routed to a contract consultant for review.

BD4. Informational: no California construction code review is being done at this time. The construction permit application drawings submitted to the Santa Clara Building Division shall include an overall California Building Code analysis, including; proposed use and occupancy of all spaces (19' CBC Ch. 3), all building heights and areas (19' CBC Ch. 5), all proposed types of construction (19' CBC Ch. 6), all

proposed fire and smoke protection features, including all types of all fire rated penetrations proposed (19' CBC Ch. 7), all proposed interior finishes fire resistance (19' CBC Ch. 8), all fire protection systems proposed (19' CBC Ch. 9), and all means of egress proposed (19' CBC Ch. 10). -Noncombustible exterior wall, floor, and roof finishes are strongly encouraged.
-During construction retaining a single company to install all fire rated penetrations is highly recommended.
The grade level lobby shall be min.1 hour rated all sides and above.
All stair shafts shall be min. 1 hour rated.
All elevator shafts shall be min. 1 hour rated.
All trash chute shafts shall be min. 1 hour rated.
Recommendation: provide a minimum of two trash chutes; one for recyclables, one for trash, each trash chute to be routed down to a grade level trash collection room. Any trash rooms shall be min. 1 hour rated all sides and above.

BD5. The overall project construction permit application shall include the geotechnical, architectural, structural, energy, electrical, mechanical, and plumbing drawings and calculations. Prior to the issuance of the overall project construction permit, a conditions of approval review meeting must be held in city hall, which meeting must be attended by the on-site field superintendent(s). The meeting will not be held without the attendance of the on-site field superintendent(s). The on-site grading permit shall be a separate permit application to the Building Division.

BD6. The construction permit application drawings submitted to the Santa Clara Building Division shall include all accessibility requirements of the 19' CBC Ch. 11 as applicable.

BD7. The construction permit application drawings submitted to the Santa Clara Building Division shall include checklist(s) indicating compliance with the applicable Mandatory Measures of the 19' Cal. Green Building Standards Code (CGBSC). Provide Construction Waste Management (CWM) Plan per the 19' CGBSC guides on pp 59-63 of the CGBSC. Provide a Phase 1 and/ or Phase 2 Hazardous Materials site assessment, as applicable. Note: The Santa Clara Public Works Department Environmental Programs Division will require compliance with the Santa Clara Construction & Demolition Debris Recycling Program: http://santaclaraca.gov/government/departments/public-works/environmental-programs/commercial-garbage-recycling/construction-demolition-debris-recycling-program. Note: the Environmental Programs Division may require development projects to register with the Green Halo online waste tracking system: https://www.greenhalosystems.com.

BD8. Note: Temporary Certificates of Occupancy will not be routinely issued, and will be considered on a very limited basis only when there is a clear and compelling reason for city staff to consider a TCO. A TCO will be approved only after all applicable City staff have approved in writing; Planning, P.W./ Engineering, Fire Prev., Santa Clara Water, Silicon Valley Power, and any other applicable agencies such as the Santa Clara County Health Dept., with the Building Division being the final approval of all TCO.'s.

**ENGINEERING – PROPERTY AND TRAFFIC**

E1. Obtain site clearance through Public Works Department prior to issuance of Building Permit. Site clearance will require payment of applicable development fees. Other requirements may be identified for compliance during the site clearance process. Contact Public Works Department at (408) 615-3000 for further information.

E2. All work within the public right-of-way and/or public easement, which is to be performed by the Developer/Owner, the general contractor, and all subcontractors shall be included within a single Encroachment Permit issued by the City Public Works Department. Issuance of the Encroachment Permit and payment of all appropriate fees shall be completed prior to commencement of work, and all work under the permit shall be completed prior to issuance of occupancy permit.

E3. If the Council approves the Tasman East Specific Plan Public Infrastructure Fee (Fee), this Project would be subject to the Fee. The Fee is to be based on a per new residential unit basis. The Fee is subject to annual escalation per the Engineering News Record and is due prior to issuance of Building Permits. The City will reimburse the developer for the construction of the Tasman East Specific Plan Public Infrastructure improvements included within the scope of the Fee and if constructed with the Project. These improvements are to be included within the Encroachment Permit issued for the Project.

E4. The City-approved Tasman East Focus Area Specific Plan (Specific Plan) requires the Primavera Lift Station to be relocated and Calle del Sol extended to Calle del Mundo. The Technical Memorandum prepared by the City's consultant, Woodard & Curran, for the "Primavera Lift Station Relocation Siting Study" (Study) dated February 6, 2019 identifies an area, fronting Lafayette Street, within this proposed development as Alternative 1 for the Primavera Lift Station relocation. The Study evaluated five alternatives and Alternative 1 is the top ranked Alternative. The City is currently evaluating the possibility of not relocating the Primavera Lift Station. However, until the City Council takes action on this matter, the property owners within the Specific Plan that have submitted projects through the Project Clearance Committee/Subdivision Committee should determine an area within their proposed developments for the Primavera Lift Station relocation in compliance with the City-approved Specific Plan.

E5. If the developer submits for a Building Permit that causes the total dwelling units to equal or exceed the following thresholds for the total Building Permit submittals of dwelling units within the entire Tasman East Specific Plan area, the developer shall construct the following traffic mitigation improvements:

- 3,150 dwelling units - Lafayette Street and Calle Del Mundo (new traffic signal construction)
- 3,600 dwelling units – Great America Parkway and State Route 237 (configuration of southbound approach to 1 right turn and 1 through right lane)
- 3,600 dwelling units – Lafayette Street and Calle De Luna (traffic signal modification to convert westbound approach to 1 left turn and 1 right turn lane)

The above traffic mitigation improvements shall be completed and placed into service prior to developer submitting any request for occupancy.

E6. Submit public improvement plans prepared in accordance with City Public Works Department procedures which provide for the installation of public improvements. Plans shall be prepared by a Registered Civil Engineer and approved by the City Engineer prior to approval and recordation of final map and/or issuance of building permits.

E7. Provide root barriers when the drip line of the mature trees covers the sidewalk. Root barriers for sidewalk protection shall be 16' long or extend to drip line of the mature tree, whichever is greater, and be 1.5' deep, and centered on trees. Root barriers for curb and gutter protection shall be 16' long or extend to drip line of the mature tree, whichever is greater, and be 2' deep, and centered on trees.

E8. Existing non-standard or non-ADA compliant frontage improvements shall be replaced with current City standard frontage improvements as directed by the City Engineer or his designee.

E9. Dedicate a sidewalk easement for the sidewalk and driveway portions within private property and pay the easement preparation fee. Sidewalk easement shall be 1' behind proposed back-of-walk if there is landscaping behind sidewalk and/or at the proposed back-of-walk with a cold joint if there is hardscape concrete behind sidewalk.

E10. Obtain Council approval of a resolution ordering vacation of existing public easement(s) proposed to be abandoned, if any, through Public Works Department, and pay all appropriate fees, prior to start of construction.

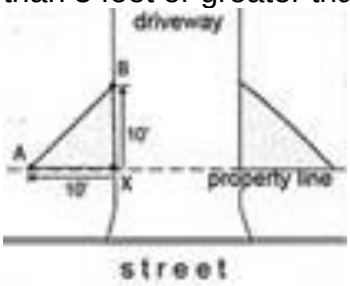
E11. File a Lot-Line-Adjustment application prepared by a Licensed Land Surveyor or a Registered Civil Engineer with Land Surveyor privileges with all required fees to combine or reconfigure the subject parcels and record the approved Lot-Line-Adjustment with the County Recorder, all to the satisfaction of the City Engineer, prior to issuance of building permits. Lot-Line-Adjustment planning application must be submitted and approved by Planning via Subdivision Committee prior to submission to Public Works.

E12. Sanitary sewer and storm drain mains and laterals shall be outside the drip line of mature trees or ten (10) feet clear of the tree trunk, whichever is greater, to the satisfaction of the City Engineer.

E13. Developer shall provide a complete storm drain study for the 10-year and 100-year storm events. The grading plans shall include the overland release for the 100-year storm event and any localized flooding areas. System improvements, if needed, will be at developer's expense

E14. .On Calle De Mundo, provide 60-foot of right of way (30 feet from existing street centerline) consisting of 42-foot curb to curb street width (21 feet from existing street centerline) and 9-foot parkway width consisting of 5-foot sidewalk and 4-foot landscape strip. Along the project frontage, install thermoplastic markings for 5-foot wide Class II bicycle lane westbound, 10-foot wide vehicle lane westbound, 12-foot two-way left turn lane, 10-foot wide vehicle lane eastbound, 5-foot wide Class II bicycle lane eastbound (or 8-foot wide parking lane as an interim condition).

E15. Keep area of proposed Rectangular Rapid Flash Beacon (RRFB) clear for future installation including ADA curb ramp.
E16. Provide ADA walkway connections to the proposed buildings and City Park from the sidewalk.
E17. Construct driveways per City Standard Detail ST-8.
E18. Structures and landscaping within 10-foot driveway visibility triangles must be less than 3 feet or greater than 10 feet tall. See diagram below.




E19. Provide loading/unloading/trash service zone on-site.
E20. If the parking garage will be gated, install gate minimum 25 feet from property line.
E21. All signing and striping shall be thermoplastic.
E22. Install R26(CA) “No Parking” signs along Calle Del Mundo property frontage.
E23. For the proposed 301-unit project, provide 100 Class I bicycle spaces and 20 Class II bicycle spaces (VTA Bicycle Technical Guidelines). Class I and II are defined in SCMC 18.74.075. Bicycle racks in public right of way shall not be used to satisfy bicycle parking requirements

**ELECTRICAL**

EL1. 11’ drive-able path through the park on the west side of the site is to be evaluated further in the detailed design stage for access to SVP’s 230KV Manhole. A larger staging area next to the 230KV manhole may be needed.
EL2. SVP U/E box next to MH-3. (See attached As-Built “UG-NR_SS_P04-Layout1” for approximate location). Box may need to be converted into a traffic rated box during detailed design, if it is not a traffic rated box currently.
EL3. Ductbank/easements through park along the west side of this site will be required during detailed design. This duct bank shall connect the frontage improvements to the existing pole line.
EL4. Any encroachments into the UGEE easement is at developers/property owner’s risk. Future maintenance on SVP substructure which may result in damages/removal of fencing would be the responsibility of the property owner to restore bearing any costs associated with that work.
EL5. 12' & 10’ UGEE along North property line (to remain). All private improvements (fencing) encroaching into this easement with foundations must be 5’ away from the edge of the existing SVP 230KV manhole/duct bank. Any fencing must start to the east side of the existing SVP 230KV Manhole (5’ away from the end of the manhole). Fence cannot be in installed on the sides of the manhole.
EL6. Transformers underneath building overhangs must have 30’ vertical clearance above them to operate a crane. Building walls directly above the transformer **may not** have any openings or windows. Reference Standard (UG-1225 Sheet 9).

EL7. SVP duct bank along Calle Del Mundo Frontage must be 4’ away from a 5’ deep root barrier. The tree must be 6’ away from the edge of the SVP Ductbank. All tree types should be per SD-1235 or equivalent.

EL8. Building foundations/pillars must be 3’ away from SVP transformer pads

EL9. Street lighting systems (along with SVP Secondary and UE systems) shall be designed in the detailed design stage. Including all new streetlight foundations and associated Streetlight pull boxes.

EL10. Private Electrical service conduits cannot go into the same SVP Trench.

EL11. Clearances:

a. EQUIPMENT
   i. Ten (10) foot minimum clearance is required in front of equipment access doors. (UG1000 sheet 11)
   ii. Five (5) foot minimum clearance from pad is required on sides without equipmen*t* access doors. (UG1000 sheet 11)
   iii. Eighteen (18) foot minimum width, shall be provided and maintained on one side of the equipment pad to allow an electric dept. line truck to drive up next to the pad for installation and maintenance of equipment. (UG1000 Sheet 11).
   iv. Barrier pipes are required only on sides accessible to vehicles. (UG1000 Sheet 12).
      1. Thirty (30) inches from side of equipment sides.
      2. Forty-Eight (48) inches in front of access doors.
         a. Barrier Pipes in front of access doors shall be removable.

b. CONDUITS
   i. Five (5) foot minimum longitudinal clearance between new conduits or piping systems (open trench installation) and any existing or proposed SVP conduit system. This is for longitudinal. (UG1250 sheet 5)
   ii. Twelve (12) inch minimum vertical clearance between new conduit/pipes installed perpendicular to existing SVP conduits for open trench installations. (UG1000 sheet 36, UG1250 Sheet 6)
   iii. Three (3) foot six (6) inches clearance is required from poles for open trench installation. Exceptions are for riser conduit. (UG1250 Sheet 7)
   iv. Three (3) foot minimum clearance is required between sign posts, barrier pipes or bollards, fence posts, and other similar structures. ( UG1250 sheet 10).
   v. Five (5) foot minimum from new splice boxes, pull boxes, manholes, vaults, or similar subsurface facilities. (UG1000 sheet 8)
   vi. Five (5) foot minimum clearance from walls, footings, retaining wall, landscape planter, tree root barrier or other subsurface wall or structure. (UG1250 sheet 9).
   vii. Five (5) foot minimum clearance is required between fire hydrant thrust block. The thrust block extends 5’ foot on either side of the fire hydrant in line with the radial water pipe connected to the hydrant.

c. VAULTS/MANHOLES
   i. Ten (10) foot minimum clearance is required between adjacent Vaults or Manholes.

ii. Five (5) foot minimum clearance is required between adjacent conduits.
iii. Minimum 36" from face of curb, or bollards required.

d. Poles (Electrolier, Guy Stub poles, service clearance poles, self-supporting steel poles and lighting poles.)
   i. Three (3) foot six (6) inches clearance is required from poles for open trench installation. Exceptions are for riser conduit. (UG1250 Sheet 7)

e. Guy Anchors
   i. Five (5) foot minimum clearance is required between center of anchor line and any excavation area. (UG1250 sheet 15).

f. Trees
   i. OH 1230 for Overhead Lines
   ii. SD 1235 for Tree Planting Requirements near UG Electric Facilities

EL12. Reference listed SVP standards for clearances.
   a. Installation of Underground Substructures by Developers
   b. UG1250 – Encroachment Permit Clearances from Electric Facilities
   c. UG0339 – Remote Switch Pad
   d. OH1230 – Tree Clearances From Overhead Electric Lines
   e. SD1235 – Tree Planting Requirements Near Underground Electric Facilities

EL13. Prior to submitting any project for Electric Department review, applicant shall provide a site plan showing all existing utilities, structures, easements and trees. Applicant shall also include a "Load Survey" form showing all current and proposed electric loads. A new customer with a load of 500KVA or greater or 100 residential units will have to fill out a "Service Investigation Form" and submit this form to the Electric Planning Department for review by the Electric Planning Engineer. Silicon Valley Power will do exact design of required substructures after plans are submitted for building permits.

EL14. The Developer shall provide and install electric facilities per Santa Clara City Code chapter 17.15.210.

EL15. Electric service shall be underground. See Electric Department Rules and Regulations for available services.

EL16. Installation of underground facilities shall be in accordance with City of Santa Clara Electric Department standard UG-1000, latest version, and Santa Clara City Code chapter 17.15.050.

EL17. Underground service entrance conduits and conductors shall be "privately" owned, maintained, and installed per City Building Inspection Division Codes. Electric meters and main disconnects shall be installed per Silicon Valley Power Standard MS-G7, Rev. 2.

EL18. The developer shall grant to the City, without cost, all easements and/or right of way necessary for serving the property of the developer and for the installation of utilities (Santa Clara City Code chapter 17.15.110).

EL19. If the "legal description" (not "marketing description") of the units is condominium or apartment, then all electric meters and services disconnects shall be grouped at one location, outside of the building or in a utility room accessible directly from the outside. If they are townhomes or single-family residences, then each unit shall have it's own meter, located on the structure. A double hasp locking

arrangement shall be provided on the main switchboard door(s). Utility room door(s) shall have a double hasp locking arrangement or a lock box shall be provided. Utility room door(s) shall not be alarmed.

EL20. If transformer pads are required, City Electric Department requires an area of 17' x 16'-2", which is clear of all utilities, trees, walls, etc. This area includes a 5'-0" area away from the actual transformer pad. This area in front of the transformer may be reduced from a 8'-0" apron to a 3'-0", providing the apron is back of a 5'-0" min. wide sidewalk. Transformer pad must be a minimum of 10'-0 from all doors and windows, and shall be located next to a level, drivable area that will support a large crane or truck.

EL21. All trees, existing and proposed, shall be a minimum of five (5) feet from any existing or proposed Electric Department facilities. Existing trees in conflict will have to be removed. Trees shall not be planted in PUE's or electric easements

EL22. Any relocation of existing electric facilities shall be at Developer's expense.

EL23. Electric Load Increase fees may be applicable.

EL24. The developer shall provide the City, in accordance with current City standards and specifications, all trenching, backfill, resurfacing, landscaping, conduit, junction boxes, vaults, street light foundations, equipment pads and subsurface housings required for power distribution, street lighting, and signal communication systems, as required by the City in the development of frontage and on-site property. Upon completion of improvements satisfactory to the City, the City shall accept the work. Developer shall further install at his cost the service facilities, consisting of service wires, cables, conductors, and associated equipment necessary to connect a customer to the electrical supply system of and by the City. After completion of the facilities installed by developer, the City shall furnish and install all cable, switches, street lighting poles, luminaries, transformers, meters, and other equipment that it deems necessary for the betterment of the system (Santa Clara City Code chapter 17.15.210 (2)).

EL25. Electrical improvements (including underground electrical conduits along frontage of properties) may be required if any single non-residential private improvement valued at $200,000 or more or any series of non-residential private improvements made within a three-year period valued at $200,000 or more (Santa Clara City Code Title 17 Appendix A (Table III)).

EL26. Non-Utility Generator equipment shall not operate in parallel with the electric utility, unless approved and reviewed by the Electric Engineering Division. All switching operations shall be "Open-Transition-Mode", unless specifically authorized by SVP Electric Engineering Division. A Generating Facility Interconnection Application must be submitted with building permit plans. Review process may take several months depending on size and type of generator. No interconnection of a generation facility with SVP is allowed without written authorization from SVP Electric Engineering Division.

EL27. Encroachment permits will not be signed off by Silicon Valley Power until Developers Work substructure construction drawing has been completed.

EL28. All SVP-owned equipment is to be covered by an Underground Electric Easement (U.G.E.E.) This is different than a PUE. Only publically-owned dry utilities can be in a UGEE. Other facilities can be in a joint trench configuration with SVP,

separated by a 1' clearance, providing that they are constructed simultaneously with SVP facilities. See UG 1000 for details.

EL29. Proper clearance must be maintained from all SVP facilities, including a 5' clearance from the outer wall of all conduits. This is in addition to any UGEE specified for the facilities. Contact SVP before making assumptions on any clearances for electric facilities.

EL30. Transformers and Switch devices can only be located outdoors. Reference Standard UG-1225 for all working and clearance requirements.

EL31. All existing SVP facilities, onsite or offsite, are to remain unless specifically addressed by SVP personnel by separate document. It is the Developers responsibility to maintain all clearances from equipment and easements. Developer to contact SVP outside of the PCC process for clear definitions of these clearance requirements. Developer should not assume that SVP will be removing any existing facilities without detailed design drawings from SVP indicating potential removals. Simply indicating that SVP facilities are to be removed or relocated on conceptual plans does not imply that this action has been approved by SVP.

EL32. SVP does not utilize any sub-surface (below grade) devices in it's system. This includes transformers, switches, etc.

EL33. All interior meter rooms at ground level are to have direct, outside access through only ONE door. Interior electric rooms must be enclosed in a dedicated electric room and cannot be in an open warehouse or office space.

EL34. High Rise Metering and Multi-Floor Infrastructure Requirements

a. Refer to: High Density Residential Metering Requirements - DRAFT 04.24.2020
b. Refer to: SVP Fiber 0403 - Fiber Optic Cable and Splice Testing

EL35. In residential buildings where multiple 120/208V transformers are required a subtractive metering scheme may be used. A 277/480V transformer may be placed and private step down transformers in the building may be used to step down the voltage to 120/208V. In this scheme a minimum of two transformers/services are need. One transformer/service is needed for residential loads. One transformer/service is needed for any house loads/commercial spaces.

EL36. High Rise Metering and Multi-Floor Infrastructure Design Package (email to kpatel@svpower.com)

a. If meter rooms are placed above grade a design package with the following must be submitted to SVP for review and approval during the design stage.
    i. Clear descriptions indicated the "Main building electric room", "Main floor electric room(s)", & the "sub floor electric room(s)".
    ii. For each meter room the dimensions of the room, location of SVP communication equipment & meters, working spaces around the meters & communication equipment, and number of meters must be detailed.
    iii. Step Down transformer rooms with 480V to 120/208V conversions must be shown
    iv. Exhibits showing communication infrastructure design and wiring diagrams per SVP requirements. Reach out to SVP for draft copy of these standards.

v. Exhibits showing access routes and locations to each meter room inside the building. All points of entry shall be shown. Meter rooms shall be within 100' of an elevator.

vi. Drive up location next to the ground floor main building electric room, parking stalls for loading/unloading equipment (for example meters, etc.).

EL37. SVP's largest 120/208V transformer is 750KVA.

EL38. SVP's largest 277/480V transformer is 2000KVA.

EL39. In the case of podium-style construction, all SVP facilities and conduit systems must be located on solid ground (aka "real dirt") and cannot be supported on parking garage ceilings or placed on top of structures.

EL40. Applicant is advised to contact SVP (CSC Electric Department) to obtain specific design and utility requirements that are required for building permit review/approval submittal. Please provide a site plan to Leonard Buttitta at 408-615-6620 to facilitate plan review.

**WATER AND SEWER**

W1. If the applicant would like to inquire about recycled water use, the applicant shall coordinate with Water & Sewer Utilities – Compliance Division at (408)-615-2006.

W2. Prior to issuance of Building Permits, the applicant shall submit design plans for construction of water utilities that comply with the latest edition of the Water & Sewer Utilities Water Service and Use Rules and Regulations, Water System Notes, and Water Standard Details and Specifications. In addition, prior to the City's issuance of Occupancy, the applicant shall construct all public water utilities per the approved plans. The Water & Sewer Utilities will inspect all public water utility installations and all other improvements encroaching public water utilities.

W3. Prior to the issuance of Building Permits, the applicant shall provide documentation of water usage so the Water Division can verify the appropriate size of all proposed water meters. Please note that if the existing water services are incapable of supplying the water needs to the site, the existing services shall be abandoned and new separate dedicated water services shall be provided for each use (domestic and irrigation).

W4. The applicant shall submit a composite utility plan showing all utilities (including electrical) and landscaping (trees/shrubbery) so that the Water Department can verify conflicts for proposed water services. Note that all new water meters and backflow prevention devices shall be located behind the sidewalk in a landscape area.

W5. Applicant shall adhere to and provide a note indicating all horizontal and vertical clearances. The applicant shall maintain a minimum 12" of vertical clearance at water service crossing with other utilities, and all required minimum horizontal clearances from water services: 10' from sanitary sewer utilities, 10' from recycled water utilities, 8' from storm drain utilities, 5' from fire and other water utilities, 3' from abandoned water services, 5' from gas utilities, and 5' from the edge of the propose or existing driveway. For sanitary sewer, water, and recycled water utilities, the applicant shall maintain a minimum horizontal clearance of 10' from existing and proposed trees. If applicant installs tree root barriers, clearance from tree reduces to 5' (clearance must be from the edge of tree root barrier to edge of water facilities).

W6. Applicant shall submit plans showing proposed water, sanitary sewer, and fire service connected to a public main in the public right-of-way to the satisfaction of the Director of Water & Sewer Utilities. Different types of water use (domestic, irrigation, fire) shall be served by separate water services, each separately tapped at the water main. Tapping on existing fire service line(s) is prohibited.

W7. Individual buildings within a parcel must have their own dedicated service (fire, water, and irrigation). Different types of building use (retail, residential, commercial, etc.) shall be served by separate water meters.

W8. No structures (fencing, foundation, biofiltration swales, etc.) allowed over sanitary sewer and/or water utilities and easements.

W9. The applicant shall submit plans showing any onsite storm water treatment system. The plan shall include a section detail of the treatment system. No water, sewer, or recycled water facilities shall be located within 5-feet of any storm water treatment system.

W10. Approved backflow prevention device(s) are required on all potable water services. The applicant shall submit plans showing the location of the approved backflow prevention device(s). Note that all new water meters and backflow prevention devices shall be located behind the sidewalk in a landscape area.

W11. The applicant shall bear the cost of any relocation or abandonment of existing Water Department facilities required for project construction to the satisfaction of the Director of Water and Sewer Utilities.

W12. Utility infrastructure (water, recycled water, and sewer) improvements are needed for the whole Tasman East development. Mechanism for payment and construction is still being assessed. Applicant to indicate new water and recycled water utilities along property frontage on the plans.

W13. The applicant must indicate the disposition of all existing water and sewer services and mains on the plans. If the existing services will not be used, then the applicant shall properly abandon these services to the main per Water & Sewer Utilities standards and install a new service to accommodate the water needs of the project.

W14. Prior to issuance of Building Permits, the applicant shall provide the profile section details for utilities crossing water, sewer, or reclaimed water mains to ensure a 12'' minimum vertical clearance is maintained.

W15. If fire flow information is needed, applicant shall coordinate with Water and Sewer Utilities Department, for fire flow information at (408) 615-2000.

W16. A dedicated fire service line, with an approved backflow prevention device, shall be used for on-site fire hydrants.

W17. Prior to issuance of Building Permits, the applicant shall submit plan details for all water features (including but not limited to fountains and ponds) designed to include provisions for operating the system without City potable water supply and capable of being physically disconnected from source of potable water supply during City declared water conservation periods, to the satisfaction of the Director of the Water & Sewer Utilities. Decorative water features may be permanently connected to the City's recycled water supply.

W18. Prior to City's issuance of Building or Grading Permits, the applicant shall provide a dedicated water utility easement around the backflow prevention device onsite. The water utility easement for the water services and all other public water appurtenances shall be a minimum 15 feet wide and be adjacent to the public right-of-way without overlapping any public utility easement. Additionally, the applicant shall submit plans defining existing easements so Water Division can verify if there are any conflicts with proposed easements and water utilities.

W19. Upon completion of construction and prior to the City's issuance of a Certificate of Occupancy, the applicant shall provide "as-built" drawings of the on-site public water utility infrastructure prepared by a registered civil engineer to the satisfaction of the Director of Water & Sewer Utilities.

## POLICE

PD1. Applicant shall install signage to prevent theft from vehicles in the parking lots. In addition, the use of quality lighting, installation of high-quality video cameras/recorders, and license plate readers are highly encouraged to prevent thefts from vehicles.

**FIRE**

F1. The Fire Department's review was limited to verifying compliance per the 2016 California Fire Code (CFC), Section 503 (Fire Apparatus Access Roads), Section 507 (Fire Protection Water Supplies), Appendix B (Fire-Flow Requirements for Buildings) and Appendix C (Fire Hydrant Locations and Distribution) and City of Santa Clara Requirements.

F2. At time of Building Permit application an AMMA shall be submitted to mitigate the lack of Fire Department access, fire hydrant spacing, and hose reach. The Design Team shall commit to the following mitigations:

a. Provide an automatic wet standpipe system.
b. Provide three rated stairwells to the roof with penthouse. All stairwells to be pressurized in accordance with CBC/CFC 909.
c. Proved a fire sprinkler density increase of 0.05-gpm per square foot above the NFPA base design to include attic spaces. The fire sprinkler design shall utilize the Density/Area method outlined in NFPA 13 to include the residential portions (no 4- head calculation allowed).
d. Provide a full voice-evacuation. The reduced factors cannot be used for the means of egress sizing.
e. Maximum allowable reduction in Fire-Flow (due to fire sprinklers) is limited to 50% of the value in CFC Appendix B, Table B105.1(2).
f. Provide a 200 square foot fire command center (separate from the fire pump room) located on the ground floor. The room shall have access from the exterior and the location will be approved by the SCFD.
g. Provide Class 1 standpipes for the interior court.

F3. At time of Building Permit application, provide documentation to show the minimum required fire-flow for the building based on the construction type and square footage in accordance with the California Fire Code, Appendix B, Table B105.1 can be met. A 75% reduction in fire-flow is allowed with the installation of an automatic fire sprinkler system designed in accordance with California Fire Code § B105.2. The resulting fire-flow shall not be less than 1,500 gallons per minute (or 1,000 gallons per minute for NFPA 13 fire sprinkler systems) minute for the prescribed duration.

F4. At time of Building Permit application, the required number, location and distribution of fire hydrants for the building based on the California Fire Code, Appendix C, Table C102.1 shall be incorporated into the construction documents. The required number of fire hydrants shall be based on the fire-flow <u>before the reduction</u>.

F5. Prior to the Start of Construction, fire protection water supplies shall be installed and made serviceable prior to the time of construction or prior to combustible materials being moved onsite, unless an approved alternative method of protection is approved by the Fire Prevention and Hazardous Materials Division.

F6. Provisions shall be made for Emergency Responder Radio Coverage System (ERRCS) equipment, including but not limited to pathway survivability in accordance with Santa Clara Emergency Responder Radio Coverage System Standard.

F7. Prior to issuance of a Building Demo Permit, Steps 1 through 3 summarized below must be addressed during the planning phase of the project. Submit Phase II environmental documents:

a. **Step 1** – Hazardous Materials Closure (HMCP): This is a permit is issued by the Santa Clara Fire Department, Fire Prevention & Hazardous Materials Division. Hazardous materials closure plans are required for businesses that used, handled or stored hazardous materials. While required prior to closing a business this is not always done by the business owner, and therefore should be part of the developer's due diligence. The hazardous materials closure plans demonstrate that hazardous materials which were stored, dispensed, handled or used in the facility/business are safely transported, disposed of or reused in a manner that eliminates any threat to public health and environment.

b. **Step 2** – Site Mitigation: Site mitigation is the cleanup or management of chemical contaminants in soil, soil vapor or groundwater. The type and extent of contamination on site(s) governs which of the regulatory agencies noted below will supervise the cleanup.
   - Santa Clara Fire Department, Fire Prevention & Hazardous Materials Division (CUPA)
   - Department of Toxic Substances Control (DTSC)
   - State Water Resources Control Board
   - Santa Clara County, Department of Environmental Health.

c. **Step 3** – Community Development, Building Division Demolition Application: For the majority of projects within the City of Santa Clara, Steps 1 and/or 2 described above need to be completed prior to proceeding to demolition application in order to avoid permit approval delays. The purpose of a demolition permit is to ensure that the parcel is clear of debris and other health hazard material (lead, asbestos, etc.) and that the utility connections have been plugged and sealed."

F8. Nothing in this review is binding. Final configurations will be reviewed upon the Building Permit application.

**STREETS**

STORMWATER

ST1. Prior to City's issuance of Building or Grading Permits, the applicant shall develop a Final Stormwater Management Plan, update the C.3 Data Form, prepare and submit for approval an Erosion and Sediment Control Plan. During the construction phase, all stormwater control measures shall be inspected for conformance to approved plans by a qualified 3rd party consultant from the SCVURPPP List of Qualified Consultants, and a 3rd party concurrence letter shall be submitted to the Dept. of Public Works. Insert the C.3 Construction Checklist to the improvement plans.

ST2. The Final Stormwater Management Plan, the Landscape Planting Plan, Special Project narratives and worksheet (if appropriate) and all associated calculations shall be reviewed and certified by a qualified 3rd party consultant from the SCVURPPP List of Qualified Consultants, and a 3rd party review letter shall be submitted with the Plan.

ST3. **Porous Pavement, Vaults, Interceptor Trees and Trash Full Capture Devices** shall be inspected by the third-party reviewer and/or manufacturer representative for conformance with the details and specifications. If necessary, percolation test shall be performed to ensure proper installation. The number, location and species of the interceptor trees shall be confirmed during the construction.

ST4. For projects that disturb a land area of one acre or more, the applicant shall file a Notice of Intent (NOI) with the State Water Resources Control Board for coverage under the State Construction General Permit (Order No. 2009-0009-DWQ) prior to issuance of any building permit for grading or construction. A copy of the NOI shall be submitted to the City Building Inspection Division, along with a stormwater pollution prevention plan (SWPPP). Active projects covered under the Construction General Permit will be inspected by the City once per month during the wet season (October – April).

ST5. This project shall comply with the City's Storm Drains and Discharges Ordinance (Chapter13.20 of the Municipal Codes) which requires the implementation of Best Management Practices (BMPs) during and post-construction through site design measures, source controls and stormwater treatment controls to minimize stormwater pollutant discharges. Insert the SCVURPPP Countywide Construction BMPs Plan into construction plans and details in accordance with the City's municipal codes prior to the issuance of a Building or Grading permit.

ST6. As-Built drawing shall be submitted to the Public Works Department. Building occupancy will not be issued until all stormwater treatment measures have been adequately inspected and O&M Agreement is approved. For more information contact Rinta Perkins at (408) 615-3081 or rperkins@santaclaraca.gov

ST7. Stormwater treatment facilities must be designed and installed to achieve the site design measures throughout their life in accordance to the SCVRUPPP C.3 Stormwater Handbook (Chapter 6 and Appendix C). They shall be installed using biotreatment soil media that meet the minimum specifications as set forth in this Handbook. Select appropriate plant materials to promote stormwater treatment measure while implementing integrated pest management and water conservation practices in accordance to the SCVRUPPP C.3 Stormwater Handbook (Appendix D).

ST8. The property owner shall enter into an Operation and Maintenance (O&M) Agreement with the City for all installed stormwater treatment measures in perpetuity and maintenance information on the post-construction treatment control measures shall be provided prior to the issuance of a Public Works clearance. Applicants should contact Karin Hickey at (408) 615-3097 or KaHickey@santaclaraca.gov or download the most recent version of the O&M Agreement, visit the City's stormwater resources website at http://santaclaraca.gov/stormwater.

ST9. Developer shall install an appropriate stormwater pollution prevention message such as "No Dumping – Flows to Bay" on any storm drains located on private property prior to the issuance of a Public Works clearance.

ST10. Interior floor drains shall be plumbed to the sanitary sewer system and not connected to the City's storm drain system. Floor drains within trash enclosures shall be plumbed to the sanitary sewer system and not connected to the City's storm drain system.

ST11. Any site design measures used to reduce the size of stormwater treatment measures shall not be removed from the project without the corresponding resizing of the stormwater treatment measures and an amendment of the property's O&M Agreement.

ST12. Developer shall purchase and install full trash capture devices for all storm drain inlets downstream of a trash staging area, which must be maintained by the property owner in perpetuity. Maintenance and inspection of full trash capture devices shall be addressed in the O&M Agreement.

ST13. All outdoor equipment and materials storage areas shall be covered and/or bermed, or otherwise designed to limit the potential for runoff to contact pollutants.

SOLID WASTE

ST14. The applicant shall complete and provide the Solid Waste Management Report, which includes the estimation of trash and recycling materials generated from the

project. Use the City's Solid Waste Guidelines for New and Redevelopment Projects as specified by the development type. Contact the Public Works Department at Environment@santaclaraca.gov or (408) 615-3080 for more information.

ST15. For projects that involve construction, demolition or renovation of 5,000 square feet or more, the applicant shall comply with City Code Section 8.25.285 and recycle or divert at least sixty five percent (65%) of materials generated for discard by the project during demolition and construction activities. No building, demolition, or site development permit shall be issued unless and until applicant has submitted a construction and demolition debris materials check-off list. Applicant shall create a Waste Management Plan and submit, for approval, a Construction and Demolition Debris Recycling Report through the City's online tracking tool at http://santaclara.wastetracking.com/.

ST16. This project is subject to the City's Accumulation, Transportation and Disposal of Solid Waste Ordinance (Chapter 8.25 of the Municipal Codes), which requires the handling and disposal of waste by authorized service haulers. Insert the General Notes for the Construction & Demolition (C&D) Waste Management into construction plans in accordance with the City's municipal codes prior to the issuance of a Building or Grading permit. Provide the Green Halo waste online tracking number to Building staff prior to the issuance of a demolition or building permit.

ST17. Project applicant shall contact the Public Works Department, Street Maintenance Division at (408) 615-3080 to verify if the property falls within the City's exclusive franchise hauling area. If so, the applicant may be required to use the City's exclusive franchise hauler and rate structure for solid waste services. Prior to the issuance of a Public Works clearance, the project applicant shall complete and sign the Acknowledgement portion of the Solid Waste Management Plan for New Development and Redevelopment form noting the service haulers used for this project.

ST18. Prior to obtaining a Temporary or Final Certificate of Occupancy, weight tickets for all materials generated for discard or reuse by the project during demolition and construction activities shall be uploaded to Green Halo and submitted for review and approval by Environmental Services. At a minimum two (2) weeks review time is required.

ST19. Building must have enclosures for garbage, recycling and organic waste containers. The size and shape of the enclosure(s) must be adequate to serve the estimated needs and size of the building(s) onsite and should be designed and located on the property to allow ease of access by collection vehicles. Roofed enclosures with masonry walls and solid metal gates are the preferred design. Any required enclosure fencing (trash area, utility equipment, etc.) if not see-thru, shall have a six (6) inch opening along the bottom for clear visibility. Any gates or access doors to these enclosures shall be locked.

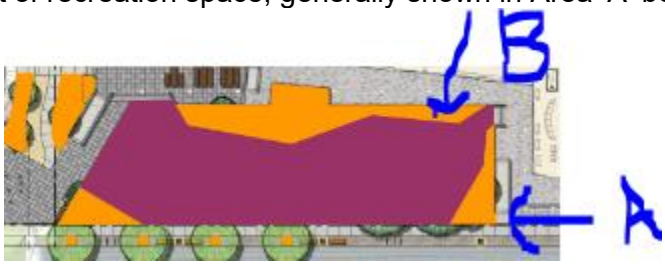
ST20. Pre-treatment devices and tallow bins shall be installed at all food establishments. Tallow bins shall be placed within a trash enclosure when possible. If enclosure is not sized to accommodate the tallow bin(s), a separate dedicated enclosure with drainage to the sanitary sewer system shall be provided.

ST21. All refuse from all residential, commercial, industrial and institutional properties within the city shall be collected at least once a week, unless otherwise approved in writing (SCCC 8.25.120). Garbage service level required for residential developments (single-family and multi-family) as well as motels and hotels shall be no less than twenty (20) gallons per unit. All project shall submit to the Public Works Department the preliminary refuse service level assessment for approval.

## PARKS AND RECREATION

PR1. This memo assumes the Project is not a subdivision and the Mitigation Fee Act (MFA) provisions will apply. The project will generate an estimated 722 residents (2.4 persons/household x 301 units). Based on the MFA standard of 2.6 acres/1000 residents, the amount of public parkland required for this Project to mitigate the impact of the new resident demand is approximately 1.8782 acres. The equivalent fee due in lieu of parkland dedication is therefore $9,306,318. Final calculations will depend upon the actual number and type of units and the mix of parkland dedicated and remaining fee due, at the discretion of the City.

PR2. Stormwater management for the park shall be the required size and not larger. It should also be in an area that would not take away from recreational uses and occupy the least amount of recreation space, generally shown in Area 'A' below.




PR3. Final park design shall include more natural grass than in the entitlement plan set, increasing the grass areain a northerly direction towards the gold area shown in the picture above at the top of the picture (the gold area between the grass and the building).

PR4. Private stormwater management shall not be in the public park parcel.

PR5. Private utilities shall not be in the public park parcel.

PR6. Transformers shall not be in the public park parcel.

PR7. Reduce the amount of hardscape, or soften the hardscape, in the plaza between the natural grass, the public sidewalk, and the neighboring pathway that goes around the off-leash dog area (the bottom left area of the picture above).

PR8. Tables on the community room patio, described as café seating on the plans, should be combination dining/game tables.

PR9. The area along the building which is included in the Great Lawn calculations (Sheet L5.1 – plan set date 7.27.2020) shall be at least 4' from the building using the portion of the building that jets out the farthest as the point to measure from and the park parcel property line shall be a straight line. It is okay if there is no setback along the community room.

PR10. Park plans as submitted are considered a "conceptual design" and developer will present public park schematic design plans to the Parks Department for review and approval.

PR11. Schematic design plans to be presented by developer to the Parks & Recreation Commission for their review and recommendation(s).

PR12. Submit soil reports for proposed public park areas.

PR13. Developer to submit park construction plans to the City for review and approval after review, comments and approvals received from the Parks and Recreation Department and the Parks and Recreation Commission, and prior to starting park construction.

PR14. Developer to enter into a Park Improvement Agreement and a Park Maintenance Agreement which will be submitted to Council for approval before park construction begins.

PR15. Developer will maintain park in perpetuity at sole cost to Developer.

PR16. Developer will provide City with as-built plans (PDF and CAD files) and GIS/Enterprise Asset Management System (EAMS) data for the public park facilities. The base map and design elements/assets should meet the City data dictionary definitions for each asset.

PR17. The enclosed off-leash dog area shall be extended to replace/include the area currently labeled as the accent paved patio with table seating and removing the accent paved patio and table seating. You may include a couple of benches inside the dog area, but not table seating. This area shall be devoted to the dogs. There should be a "double door" entry (i.e. enter through one door, close that door, then enter the second door before entering the off-leash dog area).

PR18. The ground floor lounge breakout plaza is not eligible for credit against the parkland dedication requirement.

PR19. The ground floor BBQs should be separated so different groups can BBQ at the same time without feeling like they are in each other's space.

PR20. The 4th floor BBQs near the pool should be separated so different groups can BBQ at the same time without feeling like they are in each other's space. It appears as if there is another BBQ location near the firepit with overhead lights. If so, that would satisfy this condition.

PR21. The 4th floor BBQs on the community room patio should be separated so different groups can BBQ at the same time without feeling like they are in each other's space.

PR22. A dwelling unit tax (DUT) is also due based on the number of units and additional bedrooms per City Code Chapter 3.15. The Project mix includes 57 studio units, 160 one-bedroom units, 80 two-bedroom units, and 4 three-bedroom units for a total DUT of $4,955.

PR23. Calculations may change if the number of units change, if any areas do not conform to the Ordinance and City Code Chapter 17.35, and/or if the fee schedule for new residential development fees due in lieu of parkland dedication changes before this Project is deemed complete by Planning.

PR24. Prior to issuance of building permit, the final park plans shall include an ADA compliant pathway from Calle Del Mundo to the designated public community room on the first floor, adjacent to the western property line, to the satisfaction of the Parks and Recreation Department Director, or designee.

**Table 1. Computation of Parkland Dedication**

| **Project Unit Type:** Multi Fam Dwelling | **Mitigation Fee Act** |
|---|---|
| Persons/Dwelling Type | 2.4 |
| Multi Family Project Units | 301 |
| Total New Residents | 722 |
| Parkland Dedication Required (acres): R/1,000 x 2.6 | 1.8782 |
| Equivalent In Lieu Fee | $9,306,318 |

**Table 2. Public Parkland Dedications Proposed, Service Level**

| **Parkland Proposed** | **Square Feet** | **Acres** | **Type of Dedication** |
|---|---|---|---|
| Mini Park | 10,494 | 0.2409 | Fee Title |
| Community Room & Terrace | 3,442 | 0.079 | Easement |
| **Total to be dedicated:** | **13,936** | **0.3199** | |
| Total Proposed Dedicated Public Parkland Value: | | **$1,290,904** | |

**Table 3. Credit for Proposed Private Onsite Park & Recreation "Active Rec Uses"**

| | Sq. Ft. | Acres | |
|---|---|---|---|
| Groundfloor: | | | |
| Off Leash Dog Area | 1637 | *0.0376* | |
| Outdoor Fitness | 3237 | *0.0743* | |
| Park Lounge | 1361 | *0.0312* | |
| Lounge/Pool Tables Room | 1284 | *0.0295* | |
| Fitness Room | 2186 | *0.0502* | |
| Fitness Terrace | 492 | *0.0113* | |
| Second Floor: | | | |
| Game Room/Music Room | 665 | *0.0153* | |
| Fitness Studio | 1202 | *0.0276* | |
| Third Floor: | | | |
| Game/Theater Lounge | 1704 | *0.0391* | |
| Fourth Floor: | | | |
| Pool & Deck | 6818 | *0.1565* | |
| Outdoor Lounge | 700 | *0.0161* | |
| Outdoor Game Area | 594 | *0.0136* | |
| Outdoor Dining Area | 553 | *0.0127* | |
| Game Room | 508 | *0.0117* | |
| Community Room | *2876* | *0.0660* | |
| Outdoor Fireplace Lounge | *875* | *0.0201* | |
| Outdoor Games | *1921* | *0.0441* | |
| Eighth Floor: | | | |
| Community Garden | *419* | *0.0096* | |
| Quiet Park-like Area | *374* | *0.0086* | |
| Fire Terrace | *503* | *0.0115* | |
| Club Room | *1278* | *0.0293* | |
| Total | *31187* | *0.7160* | |
| | ***Credit at 50% for Private Active Recreation & Equivalent Value*** | ***0.3580*** | ***$ 1,444,439*** |
| | ***Balance Due in lieu of Parkland Dedication*** | | **$ 6,570,975** |

**HOUSING & COMMUNITY SERVICES**

H1. This Project is subject to the Phase I incremental affordable housing requirements as set out the Tasman East Specific Plan, which requires *26.65* affordable units to be provided on-site. The Applicant has elected to satisfy the Affordable Housing obligations of this project on the Parcel 24 Site. In order to ensure that the affordable units are provided concurrently with the market rate units, the City will not issue a Temporary Certificate of Occupancy for the Parcel 60/61 Project until such time as a building permit is issued for the Parcel 24 Project, unless otherwise

approved by the Community Developer Director, or unless Developer elects to default to the original requirement to construct 26.65 units on-site for this Project and 40.99 affordable units provided on-site for the Station Project (i.e., construct inclusionary units as part of this Project and the Station Project at the standard levels of affordability).

**ADDENDUM TO THE TASMAN EAST SPECIFIC PLAN FINAL ENVIRONMENTAL IMPACT REPORT FOR THE TASMAN EAST – THE HILL (PARCELS 60 and 61) PROJECT**

**September 2020**

## 1.1 PURPOSE OF ADDENDUM

The California Environmental Quality Act (CEQA) recognizes that between the date an environmental document is certified and the date the project is fully implemented, one or more of the following changes may occur: 1) the project may change; 2) the environmental setting in which the project is located may change; 3) laws, regulations, or policies may change in ways that impact the environment; and/or 4) previously unknown information can arise. Before proceeding with a project, CEQA requires the Lead Agency to evaluate these changes to determine whether or not they affect the conclusions in the environmental document.

On September 13, 2018, the City of Santa Clara certified the Tasman East Specific Plan Final Environmental Impact Report (TESP FEIR) and approved the Tasman East Specific Plan (TESP) project. The TESP was envisioned by the City to create a Transit-Oriented Development Mixed-Use Neighborhood. The TESP supports existing and planned land uses in the project area. The FEIR analyzed the development of up to 4,500 dwelling units, approximately 106,000 square feet of retail space (including a 25,000 square foot grocery store) and a 600-student school in the City of Santa Clara.

The intent and purpose of the TESP FEIR was to provide program-level environmental review for the TESP. This addendum tiers from the TESP FEIR and provides site-specific analysis for the proposed project and assesses consistency of the project with the TESP.

CEQA Guidelines Section 15162 states that when an Environmental Impact Report (EIR) has been certified or a Negative Declaration adopted for a project, no subsequent EIR shall be prepared for that project unless the Lead Agency determined, on the basis of substantial evidence in light of the whole record, one or more of the following:

1. Substantial changes are proposed in the project which will require major revisions of the previous EIR or Negative Declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;

2. Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous EIR or Negative Declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or

3. New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified or the Negative Declaration was adopted, shows any of the following:

a. The project will have one or more significant effects not discussed in the previous EIR or Negative Declaration;
b. Significant effects previously examined will be substantially more severe than shown in the previous EIR;
c. Mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or
d. Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

CEQA Guidelines Section 15164 states that the Lead Agency (City of Santa Clara) or a Responsible Agency shall prepare an addendum to a previously certified EIR if some changes or additions are necessary, but none of the conditions described in Section 15162 (see above) calling for preparation of a subsequent EIR have occurred.

This addendum analyzes the Tasman East – The Hill (Parcels 60 & 61) Project under Section 15162. The proposed project would redevelop approximately 1.94 acres located along the northern portion of the TESP area which is currently developed with two light industrial buildings and associated surface parking lots. The project would construct an eight-story building with up to 301 residential units (including two-live work units) and approximately 650 square feet of commercial co-working space.

Based on the proposed project description and knowledge of the project site (based on the environmental review prepared for the TESP FEIR), the City has concluded that the proposed project would not result in any new impacts not previously disclosed in the TESP FEIR and would not result in a substantial increase in the magnitude of any significant environmental impacts previously identified in the FEIR. For these reasons, an addendum to the TESP FEIR has been prepared for the proposed project.

This addendum will not circulate for public review, but will be attached to the TESP FEIR, pursuant to CEQA Guidelines Section 15164(c).

A copy of the TESP FEIR is available in the City of Santa Clara at 1500 Warburton Avenue, during normal business hours, or on the City's website at www.santaclaraca.gov.

# SECTION 2.0 PROJECT DESCRIPTION

## 2.1 PROJECT OVERVIEW

The project would redevelop approximately 1.94 acres (assessor's parcel numbers 097-05-060 and -061) along the northern portion of the TESP area. The TESP area is approximately 46.0 acres of land in the City of Santa Clara that is developed with approximately 708,000 square feet of light industrial/commercial/office space in an existing industrial neighborhood. The TESP area is bounded by the recently-closed Santa Clara Golf & Tennis Club to the north, Tasman Drive to the south, the Guadalupe River to the east, and Lafayette Street to the west. Refer to Figure 2.1-1 for an aerial photograph of the project site and surrounding land uses.

## 2.2 PROPOSED PROJECT

### 2.2.1 Proposed Development

The project site consists of two light industrial buildings (totaling approximately 33,960 square feet) and associated surface parking on the northern portion of the TESP. The following addresses are associated with the project site: 2263-2275, 2303, 2307, 2311, 2315, and 2319 Calle Del Mundo.

As proposed, the project would demolish the existing buildings and construct an eight-story residential building as described below. Refer to Figures 2.2-1 and 2.2-2 for the site plan and elevations. Pursuant to the TESP, the project would be required to provide at least 10,575 square feet of fixed and flexible open space. The project proposes 10,494 square feet of dedicated parkland which would be located on the southern and western portion of the site. A combined total of 23,600 square feet of privately owned publicly accessible open space and private open space would be located on the northern, eastern, western, and southern portions of the site.

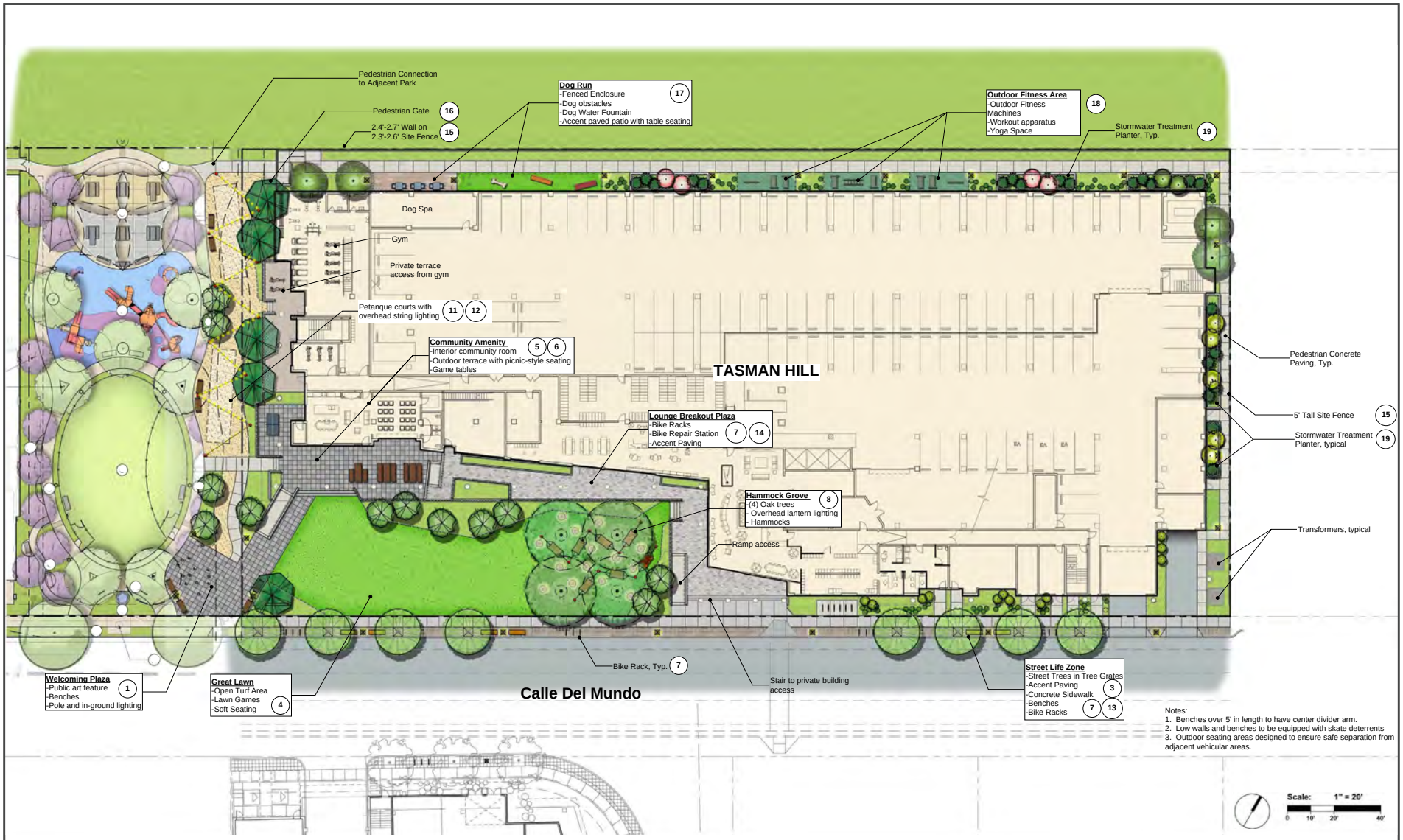
The mid-rise building would consist of 301 residential units (including two-live work units) and approximately 650 square feet of commercial co-working space with three levels of above-grade parking. The project would have a residential density of 155 dwelling units per acre (du/ac).[1] The proposed building would have a maximum height of 84 feet to the roofline and a floor area ratio (FAR) of 3.6[2].

The project proposes seating areas, a dog run, a dog spa, an outdoor fitness area, a gym, a community room, and a bicycle repair station on the ground floor. The project proposes residential amenities including a community room, pool courtyard, cabanas, fire pit with lounge seating, and outdoor game space which would be located on the fourth floor. The project proposes a community garden and a terrace lounge on the eighth floor. Floor levels one to three would consist of garage parking surrounded by residential units and/or proposed amenities for the residences. The remaining floors would consist of residential units.

Currently, the project site can be accessed via four existing driveways along Calle Del Mundo. The project would remove the two driveways located at the center along Calle Del Mundo and the westernmost driveway. The project proposes to retain the easternmost driveway for residents and

[1] 301 proposed residential units in total / 1.94 acres = 155 du/ac.
[2] 303,830 square feet of building area proposed / 84,506 square feet of site area = 3.6 FAR

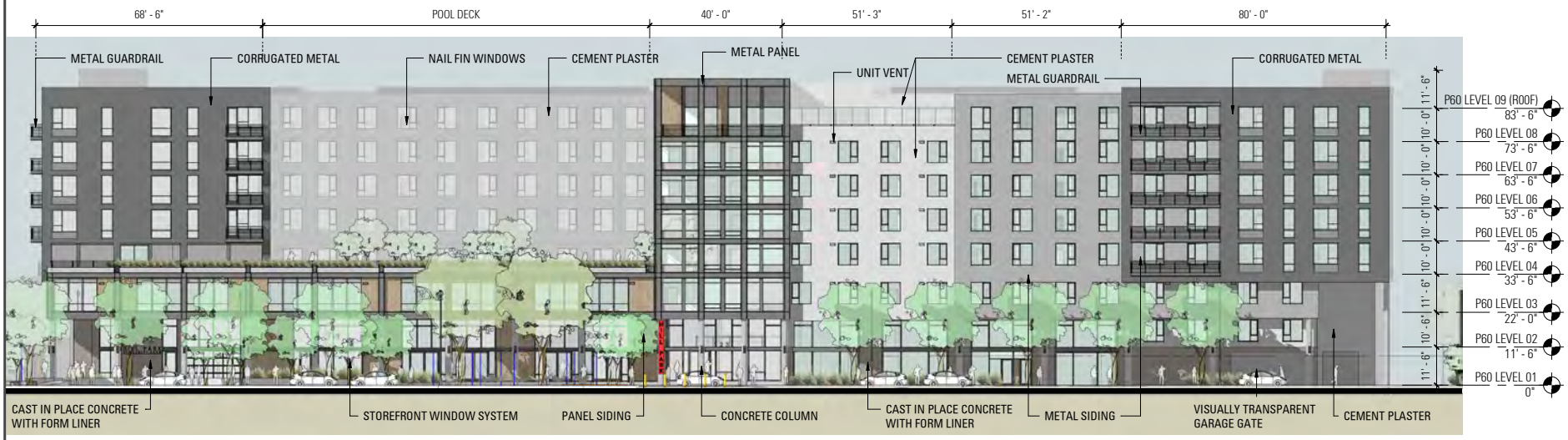
AERIAL PHOTOGRAPH AND SURROUNDING LAND USES | FIGURE 2.1-1



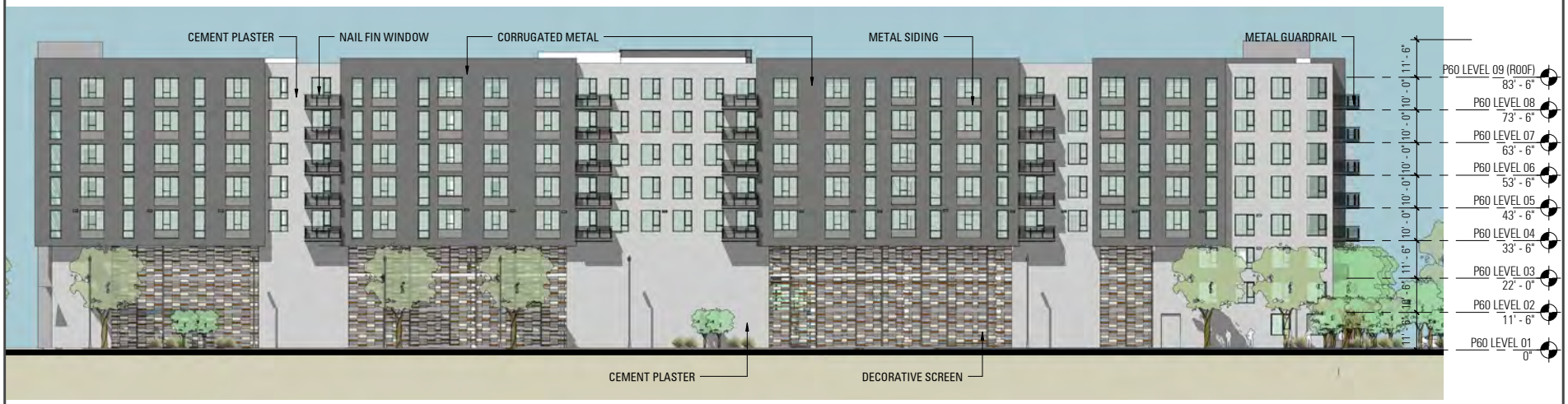

Source: The Guzzardo Partnership, Inc., 7/27/2020.

SITE PLAN - GROUND LEVEL

FIGURE 2.2-1




SOUTH ELEVATION

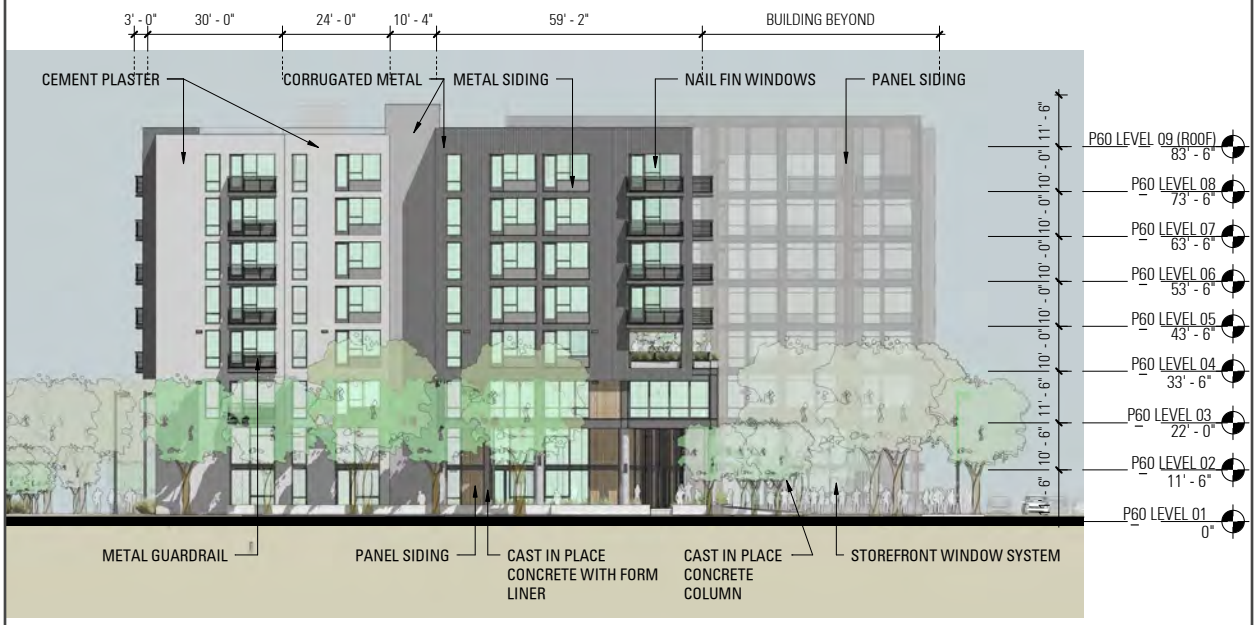



NORTH ELEVATION

Source: Bar Architects, 7/27/2020.

SOUTH & NORTH BUILDING ELEVATIONS

FIGURE 2.2-2




WEST ELEVATION

EAST ELEVATION

Source: Bar Architects, 7/27/2020.

WEST & EAST BUILDING ELEVATIONS | FIGURE 2.2-3

proposes a new driveway to the east of the retained driveway that would be used as a loading zone. A total of 308 vehicular parking spaces (289 for residences and 19 additional parking spaces) and 151 bicycle parking spaces are proposed.

### 2.2.2 Green Building Measures

The proposed project would be required to be built in accordance to the California Green Building Standards Code (CALGreen), which includes design provisions intended to minimize wasteful energy consumption. The project would be designed to achieve the minimum Leadership in Energy and Environmental Design (LEED) Silver certification or equivalent, such as Build It Green.

As proposed, the project would include the following green building design features:

- Stormwater treatment on-site
- Provide 100 percent electric-vehicle (EV) enabled parking spaces
- Provide 151 bicycle parking spaces on-site
- Provide unbundled parking
- Utilize materials on roof and all hardscapes that would reduce heat island effect
- Provide thermal comfort controls for all residential units
- Fifty percent construction and demolition debris recycling waste management
- Energy Star appliances

### 2.2.3 Transportation Demand Management Plan

Transportation Demand Management (TDM) programs are intended to reduce vehicle trips and parking demand by promoting the use of multimodal transportation options. As discussed in the TESP FEIR, the City's Climate Action Plan requires that all residential development within the TESP develop and implement a plan for a minimum 20 percent reduction in Vehicle Miles Traveled (VMT) with a minimum of 10 percent being achieved through a TDM Plan. Consistent with this mandate, the project would include the following TDM Measures.

**Table 2.2-1: Required/Proposed TDM Measures**

| ***Required TESP Measures*** |
|---|
| Limited parking supply; dedicated electric vehicle (EV) parking |
| Unbundled residential parking |
| Participation in the Tasman East Transportation Coordination Group (TETCG); includes transit passes, bikeshare programs, bicycle repair facilities, and commute information/marketing |
| Transportation coordinator; trip monitoring and reporting |
| Bicycle parking and amenities; electric scooter corrals |
| ***Project-Specific Measures*** |
| On-site amenities |
| Carsharing spaces (one space per 75 units) |

**Source:** Kennedy, Jewelle. Development Associate, Ensemble Real Estate Investments.

### 2.2.4 General Plan and Zoning Designations

The project site is designated as *Transit Neighborhood* (100-350 du/ac), which allows multi-family residential uses and supportive commercial and public/quasi-public uses. This density range is intended to take advantage of proximity to transit, offering an urban feel, including a positive public realm within a right-of-way accommodating all modes of transportation. Building forms are typically mid- to high-rise buildings featuring structured or below-grade parking, as well as shared outdoor space. The TESP allows a minimum of 100 du/ac for all sites greater than one acre in size and a minimum of 60 du/ac for sites of less than one acre.

The site is zoned *Transit Neighborhood,* which allows for development of a high-density residential neighborhood with a mix of uses at the ground floor. As described above, residential densities within the TESP area would range from a minimum of 60 du/ac on sites less than one acre in size to a minimum of 100 du/ac for sites of one acre or larger in size with no maximum density for individual parcels, all the while maintaining an overall unit cap of 4,500 units.

The proposed residential development would have a density of 155 du/ac, consistent with the *Transit Neighborhood* General Plan and zoning designations.

# SECTION 3.0 ENVIRONMENTAL IMPACTS OF THE PROPOSED PROJECT

The discussion below describes the environmental impacts of the proposed project compared to the impacts of the approved TESP FEIR Project. Also noted are any changes that have occurred in the environmental setting that would result in new impacts or impacts of greater severity than those identified in the previously certified FEIR. This Addendum only addresses those resource areas which could potentially have new impacts or impacts of greater severity (specific to the project site) than were addressed in the TESP FEIR. Based on the project's consistency with the development assumptions and General Plan and zoning designations, the proposed project would have the same impacts with regard to the following environmental issues:

- Aesthetics
- Agricultural Resources
- Cultural Resources/Tribal Cultural Resources
- Geology and Soils
- Greenhouse Gas Emissions
- Land Use
- Mineral Resources
- Population and Housing
- Public Services
- Recreation
- Transportation
- Utilities and Service Systems

All relevant best management practices, conditions of approval, and mitigation measures identified in the TESP FEIR for these resource areas are incorporated by reference and would be required by the project.

The proposed project includes the construction of 301 residential units and approximately 650 square feet of commercial co-working space in one building. This Addendum analyzes the impacts of the proposed project and consistency with the TESP FEIR regarding the following environmental issues:

- Air Quality
- Biological Resources
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Noise

## 3.1 EXISTING SETTING

The project site is developed with two light industrial buildings and associated surface parking. Landscaping on-site consists of shrubs and trees. The project proposes to remove 20 trees from the site. The project site is bounded by Santa Clara Golf & Tennis Club to the north, light industrial buildings to the east and west, and Calle Del Mundo to the south. There has been no development or other changes to the existing environmental setting since approval of the TESP project in 2018.

## 3.2 AIR QUALITY

The following analysis addresses the potential air quality impacts that would result from operation of the proposed project. Since the proposed project is consistent with the development assumptions in the TESP FEIR, construction emissions would be consistent with the conclusions of the FEIR and all identified mitigation measures would be required and are incorporated by reference. No further discussion of construction emissions is provided.

### 3.2.1 Findings of the Previously Certified FEIR

#### 3.2.1.1 *Operational Emissions*

The TESP FEIR concluded that full build out of the TESP would result in long-term area and mobile source emissions from operation of subsequent development. Build out of the TESP would exceed the BAAQMD significance threshold for reactive organic gases (ROGs) and nitrogen oxides ($NO_x$).

The following mitigation measures were included in the approved project to reduce operational ROG and $NO_x$ emissions impacts:

**MM AQ-2.1:** Proposed residential development within the TESP shall implement Transportation Demand Management (TDM) programs to reduce residential vehicle miles traveled as required by the City's Climate Action Plan. The TDM programs would be reviewed and approved by the Community Development Director prior to issuance of building permits. An annual TDM monitoring report shall be submitted to the Community Development Director to document each development is meeting the required TDM program reductions.

**MM AQ-2.2:** Proposed development within the TESP shall incorporate additional green building measures such as rooftop solar photovoltaic (PV) systems, rough-ins for electric vehicle charging, use of efficient lighting and irrigation, and recycled water, as feasible, to the satisfaction of the Community Development Director.

**MM AQ-2.3:** Developed parcels shall require within their covenants, conditions, and restrictions (CC&Rs) and/or ground leases requirements for all future interior spaces to be repainted only with architectural coatings that meet the "Low-VOC" or "Super-Compliant" requirements. "Low-VOC" refers to paints that meet the more stringent regulatory limits in South Coast Air Quality Management District (AQMD) Rule 1113; however, many manufacturers

have reformulated to levels well below these limits. These are referred to as "Super-Compliant" Architectural Coatings.

Even with implementation of the identified mitigation measures, operational ROG and $NO_x$ emissions from operation of the project would remain significant and unavoidable.

### 3.2.2 Air Quality Impacts Resulting from the Proposed Project

#### 3.2.2.1 *Operational Emissions – Criteria Pollutants*

As proposed, the project would construct 301 residential units and approximately 650 square feet of commercial co-working space in one building. Based on the conclusions of the TESP FEIR, all residential development proposed would be required to implement a TDM program and incorporate green building measures into the project. Consistent with mitigation measure AQ-2.1, the proposed project includes project specific TDM measures to reduce residential vehicle miles traveled (VMT) as required by the City's Climate Action Plan (CAP). The CAP requires a minimum 20 percent reduction in VMT with a minimum 10 percent being achieved through a TDM plan. The project applicant proposes the following TDM measures as shown in Table 3.2-4 below.

**Table 3.2-1: Required/Proposed TDM Measures**

| ***Required TESP Measures*** |
|---|
| Limited parking supply; dedicated electric vehicle (EV) parking |
| Unbundled residential parking |
| Participation in the Tasman East Transportation Coordination Group (TETCG); includes transit passes, bikeshare programs, bicycle repair facilities, and commute information/marketing |
| Transportation coordinator; trip monitoring and reporting |
| Bicycle parking and amenities; electric scooter corrals |
| ***Project-Specific Measures*** |
| On-site amenities |
| Carsharing spaces (one space per 75 units) |

**Source:** Kennedy, Jewelle. Development Associate, Ensemble Real Estate Investments.

Consistent with mitigation measure AQ-2.1, a TDM monitoring report shall be submitted to the Community Development Director to ensure that the VMT reduction requirements are being met. Additionally, consistent with mitigation measure AQ-2.2, the project would include the following green building measures.

- Stormwater treatment on-site
- Provide 100 percent EV enabled parking spaces
- Provide 151 bicycle parking spaces on-site
- Provide unbundled parking
- Utilize materials on roof and all hardscapes that would reduce heat island effect
- Provide thermal comfort controls for all residential units
- Fifty percent construction and demolition debris recycling waste management
- Energy Star appliances

In addition, all future interior spaces shall be painted only with architectural coatings that meet the "Low-VOC" or "Super-Compliant" requirements, consistent with mitigation measure AQ-2.3. While full build out of the TESP would have a significant and unavoidable criteria pollutant emissions impact, the proposed project would not result in any new impacts or substantially increase the severity of the previously identified air quality impacts.

## 3.3 BIOLOGICAL RESOURCES

The following analysis addresses the potential biological resources impacts that would result from implementation of the proposed project. Specifically, the analysis addresses impacts to birds (bird strikes) and loss of trees.

The project site is classified as developed land with no sensitive habitats or special-status species present and, as a result, implementation of the proposed project would not contribute to any identified impacts to protected habitats and special-status species and no further analysis is required.

Construction impacts on nesting birds would be the same on all project sites within the TESP area. The TESP FEIR identified mitigation measures required of all projects under the TESP to reduce impacts to nesting birds to less than significant. These mitigation measures are incorporated by reference and no further analysis is required.

### 3.3.1 Findings of the Previously Certified FEIR

#### 3.3.1.1 *Bird Strikes*

Based on the approved project, numerous resident and migratory songbirds are known to occur at the Ulistac Natural Area, south of Tasman Drive, and a number of songbirds, waterbirds, and wetland-associated birds also occur along the Guadalupe River. Development proposed within the TESP area would be a maximum height of 220 feet. Some of the birds using habitats within the TESP, Guadalupe River, and Ulistac Natural Area are expected to strike the buildings, resulting in injury or death.

The following mitigation measures were included in the approved project to reduce impacts to the migratory birds.

**MM BIO-3.1:** Due to the potential for buildings in the TESP area to result in high numbers of bird collisions, particularly if extensive glass facades are used, all new construction and building additions within the TESP area will implement the following bird-safe building design considerations:

- Reduce the extent of glass on the facades of new buildings and additions to the extent feasible.
- Reduce or eliminate the visibility of landscaped areas behind glass.
- No more than 10 percent of the surface area of a building's total exterior façade shall have untreated glazing between the ground and 60 feet above ground, unless located within 300 feet of the top of bank of the Guadalupe River within such boundary this requirement would extend to

the entirety of the structure. Bird-safe glazing treatments may include fritting, netting, permanent stencils, frosted glass, exterior screens, physical grids placed on the exterior of glazing or ultraviolet patterns visible to birds. Vertical elements of the window patterns should be at least 0.25 inches wide at a maximum spacing of four inches or have horizontal elements at least 0.125 inches wide at a maximum spacing of two inches. Any remaining untreated glazed areas will be broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments.

- Avoid free-standing clear glass walls, skywalks, transparent building corners, glass enclosures (e.g., greenhouses) on rooftops, and balconies with unbroken glazed segments 24 square feet and larger where feasible. If any such features are included in building designs, all glazing used in any such features will be 100 percent treated.
- Reduce glass at tops of buildings, especially when incorporating a green roof into the building design.
- If a green roof or green wall is incorporated into the building design, no more than 10 percent of the surface area of the building's combined facades within 12 vertical feet above and/or below the green roof or green wall shall have untreated glazing. Any remaining untreated glazed areas will be broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments.
- Avoid the funneling of flight paths between buildings or trees towards a glazed building façade.
- Landscaping, including planted vegetation and water features, shall be designed to minimize the potential for collisions. For example, vegetation providing particularly valuable resources to birds (such as fruits) will be planted away from buildings with extensive glazing, and vegetation in general will be planted in such a way that it is not clearly reflected in windows. Water features would be located away from building exteriors to reduce the attraction of birds toward glazed facades.
- Minimize exterior lighting to the extent feasible, except as needed for safety. All exterior lights shall be directed toward facilities in the Plan Area (e.g., rather than directed upward or outward) and shielded to ensure that light is not directed outward toward the Guadalupe River or Ulistac Natural Area.
- Occupancy sensors or other switch control devices shall be installed on interior lights, with the exception of emergency lights or lights needed for safety purposes. On commercial buildings, these lights shall be programmed to shut off during non-work hours and between 10:00 p.m. and sunrise.

The City may waive or reduce any of the above-listed bird-safe design requirements based on analysis by a qualified biologist indicating that proposed construction will not pose a collision hazard to birds. Such a waiver will generally not be appropriate for façades adjacent to well-vegetated areas,

but a waiver may be appropriate, for example, for façades that face developed areas lacking vegetation, water features, or other features that would be particularly attractive to birds.

Mitigation measure BIO-3.1 incorporates bird-safe design elements into future building designs and reduces impacts to birds to the extent feasible. The TESP FEIR determined that with implementation of the identified mitigation measure, future development under the TESP would continue to result in a significant unavoidable avian collision impact.

#### 3.3.1.2 *Increased Lighting*

Build out of the TESP would increase lighting compared to existing conditions. Wildlife species using the Guadalupe River and/or Ulistac Natural Area would be subject to increased predation, decreased habitat availability, and alterations of physiological processes if development under the TESP produces greater illuminance than the existing conditions. The approved project included the following mitigation measure to reduce lighting impacts to wildlife species.

**MM BIO-4.1:** To the extent consistent with the normal and expected operations of commercial and/or residential uses under the TESP, take appropriate measures to avoid use of unnecessary lighting at night, especially during the bird migration season (February through May and August through November). Such measures may include the installation of motion-sensor lighting, automatic light shut-off mechanisms, downward-facing exterior light fixtures, and others. Exterior lighting within the Specific Plan area will be shielded as needed to block illumination from shining upward, or outward into the Guadalupe River to the east or Ulistac Natural Area to the south. Lighting plans for each development site shall be reviewed and approved by the Community Development Director prior to the issuance of building permits.

Based on the TESP FEIR, implementation of the identified mitigation measure would minimize lighting and reduce lighting impacts to a less than significant level.

#### 3.3.1.3 *Trees*

Implementation of the TESP would result in the removal of numerous trees within the TESP area. Existing trees throughout the TESP area include a mixture of non-native or not naturally-occurring, planted, ornamental species including eucalyptus, acacias, and London planes. The General Plan requires replacement of any trees proposed to be removed as part of a project at a 2:1 ratio.

The TESP FEIR concluded that removal of trees within the TESP area would not have a significant impact on wildlife because the trees are mostly landscape and non-native species that are not regionally limited. Nevertheless, given the substantial number of trees that would be removed by development proposed under the TESP, impacts to mature trees from future development under the TESP would be considered significant. The TESP FEIR includes the following mitigation.

**MM BIO-10.1:** Projects proposing or required to retain trees on-site shall implement precautionary measures during site construction to limit adverse

environmental effects on ordinance-protected trees that are to be retained. A tree protection plan shall be prepared by a qualified arborist that, at a minimum, requires installation of an open material (e.g., chain link) fence six feet in height around the drip line and maintenance of the existing grade level around a tree and out to its drip line.

**MM BIO-10.2:** Project proponents under the TESP will comply with the City Code and submit permit applications for removal of all trees covered by the City's tree ordinance. Any street trees or heritage trees to be removed would require replacement on-site or off-site at a minimum 2:1 ratio per General Plan Policy 5.3.1-P10. To the extent feasible, the replacement trees will be planted on-site, and the project proponent will comply with all other tree removal requirements imposed by the City.

With implementation of the identified mitigation measures, development under the TESP area would have a less than significant impact related to trees.

### 3.3.2 Biological Resources Impacts Resulting from the Proposed Project

#### 3.3.2.1 *Bird Strikes*

The project would construct an eight-story building with a maximum height of 84 feet to the roofline. The proposed project is located approximately 765 feet west of the Guadalupe River and approximately 1,200 northwest of the Ulistac Natural Area. The project would be surrounded by urban development in the future and would not be located adjacent to any natural open space. Nevertheless, the TESP FEIR concluded that all new buildings proposed within the TESP area would have the potential for bird strikes and are required to incorporate bird safe design features.

In July 2020, *H.T. Harvey & Associates* prepared an Avian Collision Risk Assessment for the proposed project. A copy of this report is provided in Appendix A. The analysis outlines the project's design elements and its compliance with Mitigation Measure BIO-3.1, which are listed below.

***Reduce the extent of glass on the façades of new buildings to the extent feasible.***

The northern and eastern building façades would be composed of opaque panels broken up by decorative screens and small windows. Most of the building façades on floors one to three would have no windows, which helps reduce glazing on the building. The southern and western façades of the building would be composed of opaque wall panels that would reduce the extent of glazing on the building. The first, second, and portions of the third floor would, however, be predominantly glazed. Additionally, glazing would be present around the public amenity space on floors one through eight of the southern façade. Per Mitigation Measure BIO-3.1, all new construction and building additions within the TESP area shall reduce the extent of glass on the facades to the extent feasible. The project applicant has indicated that the design minimizes glazing on the building to the extent feasible. As a result, the project design would comply with this requirement.

***Prohibit the visibility of interior landscaped areas behind glass***

No interior landscaped areas are proposed behind glass and, as a result, the project design would comply with this requirement.

***No more than 10 percent of the surface area of a building's total exterior façade shall have untreated glazing between the ground and 60 feet above ground. Bird-safe glazing treatments may include fritting, netting, permanent stencils, frosted glass, exterior screens, physical grids placed on the exterior of glazing or ultraviolet patterns visible to birds. Vertical elements of the window patterns should be at least 0.25 inches wide at a maximum spacing of four inches or have horizontal elements at least 0.125 inches wide at a maximum spacing of two inches. Any remaining untreated glazed areas will be broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments.***

Based on the Avian Collision Risk Assessment prepared for the project, the frequency of avian collisions to the proposed building on-site would be lower compared to other sites within the TESP area due to its distance to the Ulistac Natural Area (approximately 1,200 feet southeast) and to the Guadalupe River (approximately 765 feet east).

The assessment identified the following areas of high collision risk: 1) extensive glazing on floors one, two, and portions of three at the southern and western building façades and 2) feature-related hazards[3] (e.g., free-standing glass railings and transparent glass corners) within 60 feet of proposed exterior vegetation. Consistent with Mitigation Measure BIO-3.1, the project shall be required to include one of the following measures as a Condition of Project Approval.

**<u>Condition of Project Approval:</u>**

- No more than 10 percent of the surface area of the façades on the southern and western sides of the building shall consist of untreated glazing between the ground and 60 feet above ground. The applicant shall include untreated glazing in the areas shown in Figures 7 to 9 of Appendix A; or
- No more than 10 percent of the surface area of façades within the areas indicated in red on Figures 7 to 9 of Appendix A. (i.e., heavily glazed areas on floors one and two and portions of floor three) on the southern and western sides of the building shall consist of untreated glazing. This alternative focuses on the areas indicated in red where collision if highest and would provide less flexibility regarding where unglazed treatment would occur.

Nevertheless, any untreated glazed areas (i.e., 10 percent untreated areas) on the southern and western sides of the building shall be broken up into sections no greater than 24 square feet in size by mullions and bird-safe treatments to comply with this measure.

[3] A feature-related hazard is defined as a potential bird collision hazard that should be treated regardless of whether a building is located near a high-quality bird habitat area.

***Avoid free-standing clear glass walks, skywalks, transparent building corners, glass enclosures (e.g., greenhouses) on rooftops, and balconies with unbroken glazed segments 24 square feet and larger where feasible. If any such structures are included in building designs, all glazing used in any such features will be 100 percent treated.***

The project design would include glass railings and transparent glass corners. Consistent with Mitigation Measure BIO-3.1, the project shall be required to include the following measures as a Condition of Project Approval.

**Conditions of Project Approval:**

- All glass railings and transparent glass corners shall be 100 percent treated adjacent to open space areas where landscape vegetation is proposed (i.e., floors one and four adjacent to the pool deck). Since the vegetated areas on floors four and eight are relatively large and could attract birds, all glass railings and transparent glass corners within 60 feet above and below these areas shall be treated. Glass corners are considered "transparent" when they have extensive glazing on either side such that birds are likely to see through the corners to the other side of the building. Glass railings and transparent glass corners where treatment is required is shown on Figures 7 to 9 of Appendix A. In addition, all glass railings and glass corners surrounding the community garden shall be treated.

***Reduce glass at tops of buildings, especially when incorporating a green roof into the building design.***

The façade below the eighth-floor terrace would have opaque wall panels broken up by small individual windows which reduces glazing at the top of the building where the eighth-floor green roof is proposed. Based on a review of the project design, the façades below the fourth-floor pool deck would be predominately glazed. Consistent with Mitigation Measure BIO-3.1, the project shall be required to include the following measures as a Condition of Project Approval.

**Condition of Project Approval:**

- The glazing on floor three (below the fourth floor pool deck) shall be treated with a bird-safe glazing treatment so that 1) no more than 10 percent of the surface area consists of untreated glazing on the southern and western sides of the building and 2) any untreated glazed areas (i.e., the 10 percent untreated areas on the south and west sides of the building) are broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments. The areas that shall be treated are shown on Figures 7 to 9 of Appendix A.

***If a green roof or green wall is incorporated into the building design, no more than 10 percent of the surface area of the building's combined façades within 12 vertical feet above and/or below the green roof or green wall shall have untreated glazing. Any remaining untreated glazed areas will be broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments.***

Based on a review of the plans, no green walls are proposed as part of the project. The project proposes green roofs on the fourth and eighth floor. Consistent with Mitigation Measure BIO-3.1, the project shall be required to include the following measures as a Condition of Project Approval.

**Condition of Project Approval:**

- No more than 10 percent of the surface area of the building's combined façades within 12 vertical feet above and/or below the fourth floor pool deck and above the eighth floor viewing terrace and community garden shall have untreated glazing. The façade below the eighth floor terrace would have opaque wall panels broken up by small individual windows which reduces glazing at the top of the building where the eighth floor green roof is proposed. All remaining untreated glazed areas within 12 feet above and below the fourth floor pool deck and above the eighth floor viewing terrace and community garden shall be broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments. In addition, any glazing surrounding the terrace (i.e., on the eastern and western sides of the terrace) and community garden shall be treated.

***Avoid the funneling of flight paths between buildings or trees towards a glazed building façade.***

The building would not include any features that would funnel birds toward a glazed surface and, as a result, the project design would comply with this requirement.

***Landscaping, including planted vegetation and water features, shall be designed to minimize the potential for collisions. For example, vegetation providing particularly valuable resources to birds (such as fruits) will be planted away from buildings with extensive glazing, and vegetation in general will be planted in such a way that it is not clearly reflected in windows. Water features would be located away from building exteriors to reduce the attraction of birds towards glazed façades.***

No water features are proposed. Non-native trees would be located adjacent to glazed façades on the south side of the building along Calle Del Mundo and along the west side of the building. None of the non-native trees proposed would provide valuable resources to birds and would not increase the potential for bird collisions. The project does, however, propose four native trees (Coast live oaks) which would be planted in 96-inch boxes adjacent to the southern building façade. The native trees would provide high-quality resources for birds.

The project would plant a mix of native and non-native species on-site; some of which would produce berries and flowers that would attract birds. The planted areas would be located immediately adjacent to the building and increase the potential for bird collisions with glazed façades. Consistent with Mitigation Measure BIO-3.1, the project shall be required to include the following measures as a Condition of Project Approval.

**Condition of Project Approval:**

- All glazed façades adjacent to landscape vegetation within the public park on the ground floor, the pool deck on the fourth floor, and the community garden and view terrace on the eighth floor shall be treated with a bird-safe glazing treatment such that no more than 10

percent of the surface area consists of untreated and all remaining untreated glazed areas shall be broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments. The areas that shall be treated are shown on Figures 7 to 12 of Appendix A. In addition, landscaped vegetation with flowers and fruits and the Coast live oak trees shall be removed from any planted areas located immediately adjacent to untreated glazed areas.

***Minimize exterior lighting to the extent feasible, except as needed for safety. All exterior lights shall be directed toward facilities in the Plan Area (e.g., rather than directed upward or outward) and shielded to ensure that light is not directed outward toward the Guadalupe River or Ulistac Natural Area.***

No exterior lighting plan was provided for the project. To ensure that the project minimizes exterior lighting to the extent feasible, the project shall comply with the exterior Leadership in Energy and Environmental Design (LEED) Pilot Credit 55 lighting requirement as follows:

- Exterior building fixtures that are not necessary for safety, building entrances, and circulation shall be automatically shut off from midnight until 6:00 AM. Manual override capability may be provided for occasional after-hour use.
- Exterior up-lighting in the project design shall be avoided.

Due to the project site's distance to the Ulistac Natural Area (approximately 1,200 feet) and to the Guadalupe River (approximately 765 feet), the Avian Collision Risk Assessment concluded that unshielded exterior lighting in public areas would not spill outwards into these natural areas. As a result, shielding and direct lighting on-site would not be needed to comply with this requirement.

***Occupancy sensors or other switch control devices shall be installed on interior lights, with the exception of emergency lights or lights needed for safety purposes. Exterior shades shall also be considered to reduce light pollution. On commercial buildings, these lights shall be programmed to shut off during non-work hours and between 10:00 PM and sunrise.***

No interior lighting plan was provided for the project. Since the proposed residential project would not use extensive night lighting and would be located approximately 765 feet west of the Guadalupe River and approximately 1,200 northwest of the Ulistac Natural Area, the building's interior lighting would not result in substantial impacts to birds. To ensure that the project minimizes exterior lighting to the extent feasible, the project shall comply with the exterior LEED Pilot Credit 55 lighting requirement as described above.

Additionally, the proposed project would be subject to the following Condition of Project Approval:

**<u>Condition of Project Approval:</u>**

- Based on the Assessment of Avian Collision Risk prepared for the project as part of the CEQA review, the project shall reduce the high bird collision risk associated with the mid-rise building form through the treatment of its site and building features to comply with MM BIO-3.1 and MM BIO-4.1 of the TESP Mitigation Monitoring and Reporting Program (MMRP). Compliance with these mitigation measures shall be subject to independent

evaluation by a qualified third-party consultant ("Consultant"). The Consultant shall be approved by the Community Development Director prior to commencing the evaluation.

The Consultant shall be responsible for verifying that feature-related hazards (e.g., free-standing glass railings and transparent glass corners) within 60 feet of proposed exterior vegetation and 2) and storefront glazing adjacent to landscape vegetation located on the lower floors of the buildings and 3) lighting, illumination and resulting reflectivity between these features and vegetation are consistent with MM BIO-3.1 and MM BIO-4.1 of the MMRP.

The Consultant shall submit a report with their findings to the Community Development Director verifying that the building permit plans submitted implement MM BIO-3.1 and MM BIO-4.1 of the MMRP measures and industry best practices such as those identified in *Reducing Bird Collisions with Building and Building Glass Best Practices* issued by the US Fish and Wildlife Service, Division of Migratory Bird Management:

https://www.fws.gov/migratorybirds/pdf/management/reducingbirdcollisionswithbuildings.pdf

or other equivalent best management practices acceptable to the City of Santa Clara. The Consultant's report shall be submitted concurrent with the submittal of a building permit application.

With implementation of the Conditions of Project Approvals, the project, by itself, would have a less than significant impact on birds. While full build out of the TESP would have a significant and unavoidable bird strike impact, the proposed project, by itself, would not result in any new impacts or substantially increase the severity of the previously identified impact.

#### 3.3.2.2 *Increased Lighting*

The proposed project would include internal building lights, parking garage lights, security lights, and external building lights. While the TESP FEIR identified increased lighting on-site as an impact on bird species in the high value habitat areas on and adjacent to the TESP area, the project site is not located near these habitat areas and is already developed. Exterior lighting shall be directed downward (not upward into the sky) and reviewed as part of the building permit plan review as required by mitigation measure BIO-4.1. Furthermore, the project will undergo architectural and site design review by the City prior to issuance of building permits, consistent with Mitigation Measure BIO-4.1, to ensure that the project would not adversely impact bird species. As a result, the proposed project would not result in any new impacts or substantially increase the severity of the previously identified impact.

#### 3.3.2.3 *Trees*

As proposed, the project would remove all existing trees on the project site. A Tree Survey was prepared by Arbor Resources in April 2019. A copy of this report is provided in Appendix B of this document. The trees are listed in Table 3.3-1 below. Please refer to Figure 3.3-1 for a tree location map.

TREE LOCATION MAP

FIGURE 3.3-1

| Table 3.3-1: Trees Surveyed On-Site | | | |
|---|---|---|---|
| **Tree Number** | **Common Name** | **Scientific Name** | **Diameter (in inches)** |
| 1 | Shamel ash | *Fraxinus uhdei* | 11 |
| 2 | Green vase zelkova | *Zelkova s. 'green vase'* | 10 |
| 3 | London plane tree | *Platanus x hispanica* | 8 |
| 4 | London plane tree | *Platanus x hispanica* | 8 |
| 5 | Shamel ash | *Fraxinus uhdei* | 13 |
| 6 | Crape myrtle | *Lagerstroemia indica* | 3 |
| 7 | Crape myrtle | *Lagerstroemia indica* | 3 |
| 8 | Shamel ash | *Fraxinus uhdei* | 11 |
| 9 | Mexican fan palm | *Washingtonia robusta* | 16 |
| 10 | Shamel ash | *Fraxinus uhdei* | 14 |
| 11 | Shamel ash | *Fraxinus uhdei* | 19 |
| 12 | Shamel ash | *Fraxinus uhdei* | 26 |
| 13 | Aleppo pine | *Pinus halapensis* | 30 |
| 14 | Chinese pistache | *Pistacia chinensis* | 1 |
| 15 | Chinese pistache | *Pistacia chinensis* | 1 |
| 16 | Chinese pistache | *Pistacia chinensis* | 1 |
| 17 | Shamel ash | *Fraxinus uhdei* | 21 |
| 18 | Shamel ash | *Fraxinus uhdei* | 15 |
| 19 | Shamel ash | *Fraxinus uhdei* | 22 |
| 20 | Evergreen pear | *Pyrus kawakamii* | 15 |

Consistent with mitigation measure BIO-10.2 and General Plan Policy 5.3.1-P10, any tree removed would be required to be replaced at a 2:1 ratio on-site. The proposed project would not result in any new impacts or substantially increase the severity of the previously identified impact because the project is consistent with the development assumptions in the TESP FEIR and would provide at least 40 replacement trees in compliance with General Plan Policy 5.3.1-P10.

## 3.4 HAZARDS AND HAZARDOUS MATERIALS

The following analysis addresses the potential for soil and groundwater contamination on the project site. Given the age of the buildings in the TESP area, the TESP FEIR concluded that the buildings would likely contain asbestos and/or lead-based paint. Remediation of asbestos and lead-based paint must be in accordance with national regulatory guidelines and Cal/OSHA standards. The regulatory requirements are incorporated by reference and no further analysis is required.

Impacts on airport safety, schools, and emergency operation plans would be the same on all project sites within the TESP area given that the projects would have to be designed consistent with the development standards established by the TESP. The TESP FEIR found impacts to airport safety, schools, and emergency operation plans to be less than significant.

### 3.4.1 Findings of the Previously Certified FEIR

Based on the TESP FEIR, the project site historically consisted of agricultural land including row crops and orchards. A leaking underground storage tank (LUST) case located at 2200 Calle De Luna was discussed in the TESP FEIR. In addition, four facilities within the TESP area have been identified in the Regional Water Quality Control Board's (RWQCB) Spills, Leaks, Investigations,

and Cleanup (SLIC) database. Of the four on-site facilities, three are currently identified as open cases as discussed below.

### Spills, Leaks, Investigations, and Cleanup (SLIC) Sites

In 1997, RWQCB closed the SLIC case at 2339 Calle Del Mundo, however, residual concentrations of volatile organic compounds (VOCs) remained in the soil and groundwater that pose a potential vapor intrusion concern. The VOC impacted groundwater appears to have migrated below the northerly adjacent landfill property.

VOCs were identified in the groundwater at 2301 Calle De Luna and have migrated below the easterly adjacent parcel at 2281 Calle De Luna. This open SLIC case is currently being overseen by the RWQCB.

The two remaining SLIC cases at 2278 Calle De Luna (Coatek, Inc.) and 2200 & 2222 Calle De Luna (Air Flight Service) are being overseen by the Santa Clara County Department of Environmental Health (SCCDEH). The Air Flight Service property was found to have elevated levels of total petroleum hydrocarbon as diesel (TPH-d) that are unrelated to the prior film processing done on the property. The Coatek, Inc. property was found to have elevated nickel and copper concentrations related to the industrial land use activities on the southern portion of the TESP area. Oil, grease, trichloroethene (TCE), total petroleum hydrocarbon as motor oil (TPH-mo), hexavalent chromium, and benzene concentrations were also found to be elevated above residential screening levels. Both facilities have entered into Voluntary Cleanup Agreements with SCCDEH.

### All Purpose Landfill

The former Santa Clara All Purpose Landfill (landfill) is a closed municipal landfill with a footprint of approximately 136 acres located adjacent to the TESP area. Portions of the landfill have been converted into a public golf course, and the remainder is open space. The landfill consists of four parcels: 1, 2, 3/6, and 4. Parcel 2 is located adjacent to the north of the TESP area and Parcel 4 is across Lafayette Street to the west. Parcels 1 and 3/6 are located further to the north and northwest. Groundwater beneath the landfill, primarily on Parcel 4, is impacted with VOCs. The primary VOCs detected in groundwater samples collected during the first quarter of 2016 were 1,1 dicholorethene, cis-1,2-dicholoroetehene (cis-1,2-DCE), trans-1,2-dicholoroethene, TCE, and vinyl chloride (VC). The area of VOC impacted on parcel 4 is located cross-gradient from the site with respect to groundwater flow direction (northeast) and did not migrate below the Plan Area. Two groundwater monitoring wells are located on the southern border of the landfill (Parcel 2) and immediately north of the Plan Area. Low concentrations of VOCs have been detected in ground water from both monitoring wells, one of which is located down-gradient of 2339 Calle Del Mundo, an identified SLIC site discussed above. Landfill gas investigations were conducted at the landfill and identified several VOCs in landfill gas. Benzene, ethylbenzene, and VC were reported in landfill gas at concentrations exceeding residential and commercial Environmental Screening Levels (ESLs).

Given the industrial use of the site and prior agricultural uses and LUST case, residual hazardous materials contamination is anticipated to be present on-site and could impact construction workers and adjacent land uses if disturbed during demolition or construction. The following mitigation measures are included in the TESP.

**MM HAZ-1.1:** Prior to the start of any demolition or construction activity, a property-specific Phase I Environmental Site Assessment (ESA) shall be completed in accordance with American Society for Testing and Materials (ASTM) Standard Designation E 1527-13 (or most recent version) to identify Recognized Environmental Conditions, evaluate the property history, and establish if the property is likely to have been impacted by chemical releases. Soil, soil vapor and/or groundwater quality studies shall subsequently be conducted, if warranted based on the findings on the property-specific Phase I ESAs to evaluate if mitigation measures are needed to protect the health and safety of site occupants. All site mitigation measures identified in the property-specific Phase I and II ESAs shall be completed under the oversight of an appropriate regulatory agency, such as the Department of Environmental Health (DEH), Department of Toxic Substances Control (DTSC), or RWQCB. Any required cleanup/remediation of the site during development activities shall meet all applicable federal, state and local laws, regulations, and requirements. The project applicant shall provide the appropriate oversight agency's written approval of the site mitigation measures to the City of Santa Clara prior to the issuance of a demolition and/or grading permit.

**MM HAZ-1.2:** At properties where VOCs are identified as contaminants of concern (COC), the potential for vapor intrusion shall be evaluated. A Vapor Intrusion Investigation Work Plan shall be submitted to the overseeing regulatory agency for review and approval. The plan shall include soil vapor sampling for VOCs in areas of concern. The soil vapor sampling shall be conducted in conformance with DTSC's July 2015 advisory titled *Active Soil Gas Investigations*. A minimum of two soil vapor sampling events (with soil vapor concentrations less than the most conservative residential or commercial screening levels – as appropriate) is required to document that mitigation measures are not required; additional sampling events may be required by the overseeing regulatory agency.

**MM HAZ-1.3:** The need for vapor intrusion mitigation measures will be dependent upon the planned building design and the results of the Vapor Intrusion Investigation. Prior to redevelopment of the site, a report assessing the potential for vapor intrusion shall be submitted to and approved by the overseeing regulatory agency. The assessment shall be conducted in general conformance with DTSC's *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance)* dated October 2011.

**MM HAZ-1.4:** Prior to the start of any construction activity on properties with known COC exceeding the lower of the then-current DTSC, the RWQCB or Environmental Protection Agency (EPA) residential screening levels, the project proponent shall submit the following plans to the overseeing regulatory agency for review and approval:

- *Corrective Action Plan*. An appropriate corrective action plan (e.g. remedial action plan, removal action workplace, etc.) shall be prepared that reflects the results of the above investigations. Site cleanup levels presented in the plan shall be based on a target cancer risk of 0.00001 or, for non-carcinogens, a target hazard quotient (THQ) of 1.0. The lower of the then-current DTSC, RWQCB, or EPA residential screening levels shall be used to interpret the TR and THQ levels or, alternatively, a site-specific human health risk assessment shall be prepared and approved by the overseeing regulatory agency. Higher cleanup goals may be acceptable, if approved in writing by the oversight agency. The project applicant shall provide an oversight agency's written approval of the corrective action plan to the City of Santa Clara prior to issuance of a demolition and/or grading permit. Leaving contaminated soil (above residential screening levels and, for metals, above background concentrations) in-place or re-using contaminated soil shall require the oversight agency's written approval. At a minimum, if contaminated soil is left in-place, a deed restriction or land use covenant shall detail the location of the soil. This document shall include a surveyed map of the location of the impacted soil and shall restrict future excavation in the impacted area unless approved in writing by an oversight agency.

- *Air Monitoring Plan*. This plan shall assess the potential for exposure of construction workers and neighboring occupants adjoining the property to COCs during construction activities; this plan shall specify measures to be implemented if COC concentrations exceed threshold values.

- *Vapor Intrusion Mitigation Plan and Associated Documents*. If the Vapor Instruction Investigation identifies the need for mitigation measures, a Vapor Intrusion Mitigation Plan shall be prepared that describes the measures to be a result of vapor intrusion. The Vapor Intrusion Mitigation Plan will require the project applicant to design the proposed occupied spaces with appropriate structural and engineering features to reduce risk of vapor intrusion into buildings. At a minimum, this design shall include: 1) passive sub-slab ventilation with a spray applied vapor barrier (and with the ability to convert the system from passive to active ventilation), 2) monitoring to ensure the long-term effectiveness of the remedy, and 3) the implementation of institutional controls. Other designs would be acceptable is approved in writing by the overseeing regulatory agency. The Vapor Intrusion Mitigation Plan shall be submitted for agency review and approval. DTSC's October 2011 *Vapor Intrusion Mitigation Advisory* provides useful guidance in selecting, designing, and implementing appropriate response actions for sites where a potential vapor intrusion risk has been identified. A completed report shall be submitted to the overseeing regulatory agency upon completion of construction of the mitigation system. The report shall document installation of the vapor control measures identified in the Vapor Intrusion Mitigation Plan and present final as-built design drawings. A Long-Term Operations,

Maintenance, and Monitoring Plan (OMMP) also shall be submitted for agency approval that presents the actions to be taken following construction to maintain and monitor the vapor intrusion mitigation system, and a contingency plan should the vapor mitigation system fail. A financial assurance mechanism shall additionally be established (i.e. proof that adequate funds are available for long-term maintenance and monitoring of the vapor intrusion mitigation system) and described in the OMMP.

**MM HAZ-1.5:** A Site Management Plan (SMP) and Health and Safety Plan (HSP) shall be developed to establish appropriate management practices for handling and monitoring of impacted soil, soil vapor, and groundwater that potentially may be encountered during construction activities. The SMP shall be prepared by an Environmental Professional and be submitted to the overseeing regulatory agency (e.g. RWQCB, DTSC and/or DEH) for review and approval prior to commencing construction activities. The SMP also shall be provided to the City of Santa Clara. Prior to the start of any construction activity that involves below ground work (i.e. mass grading, foundation construction, excavating or utility trenching), information regarding site risk management procedures, including copies of the HSP and SMP, shall be provided to the contractors for their review, and each contractor shall provide such information to its subcontractors. The SMP and HSP measures shall be incorporated into the project design documents:

- Site control procedures to control the flow of personnel, vehicles and materials in and out of the site;
- Measures to minimize dust generation, stormwater runoff and tracking of soil off-site;
- Protocols for conducting earthwork activities in areas where impacted soil, soil vapor and/or groundwater are present or suspected. Worker training requirements, health and safety measures and material handling procedures shall be described;
- Perimeter air monitoring for dust during any activity that significantly disturbs impacted site soil (i.e. mass grading, foundation construction, excavating or utility trenching) to document the effectiveness of dust control measures;
- Protocols to be implemented if buried structures, wells, debris, or unidentified areas of impacted soil are encountered during site development activities;
- Protocols to characterize/profile soil suspected of being contaminated so appropriate mitigation, disposal or reuse alternatives, if necessary, can be implemented. Soil in contact with impacted groundwater shall be assumed contaminated. All soil excavated and transported from this site shall be appropriately disposed of at a permitted facility;
- Stockpiling protocols for “clean” and “impacted” soil;

- Decontamination procedures to reduce the potential for construction equipment and vehicles to release contaminated soil onto public roadways or other off-site transfer;
- Procedures to evaluate and document the quality of any soil imported to the site. Soil containing chemicals exceeding residential (unrestricted use) screening levels or typical background concentrations of metals shall not be accepted. The DTSC's Clean Fill Advisory (October 2001 or latest version) provides useful guidance on evaluating imported fill;
- Methods to monitor excavations and trenches for the potential presence of VOC impacted vapors. Mitigation protocols shall be developed and implemented in the event elevated VOC vapors are released during excavation activities that may pose a risk to construction worker health and/or risk to the health of occupants of neighboring properties;
- Protocols to evaluate if the residual contaminants will adversely impact the integrity of below ground utility lines and/or structures (i.e. the potential for corrosion due to subsurface contamination)
- Measures to reduce soil vapor and groundwater migration through trench backfill and utility conduits. Such measures shall include placement of low-permeability backfill "plugs" at specified intervals on-site and at all locations where the utility trenches (within impacted soil or groundwater) extend off-site. In addition, utility conduits that are placed below groundwater shall be installed with water-tight fittings to reduce the potential for groundwater to migrate into the conduits.
- Measures to help reduce the potential for the downward migration of contaminated groundwater if deep foundation systems are proposed. These measures shall be identified in the geotechnical investigation report and implemented as part of the development plans.

**MM HAZ-1.6:** The project applicant's environmental professional shall assist in the implementation of the SMP and shall, at a minimum, perform part-time observation services during demolition, excavation, grading and trenching activities. Upon completion of construction activities, the environmental professional shall prepare a report documenting compliance with the SMP; this report shall be submitted to the oversight regulatory agency and the City of Santa Clara.

With implementation of the identified measures, development under the TESP would have a less than significant impact related to soil and groundwater contamination.

### 3.4.2 Hazards and Hazardous Materials Impacts Resulting from the Proposed Project

The project would construct a residential building with up to 301 residential units and approximately 650 square feet of commercial co-working space on the northern portion of the TESP area. The project site is currently developed with two industrial buildings. Groundwater on-site is estimated at a depth ranging from five to eight feet below the ground surface (bgs) and would flow in the southeastern direction. Fluctuations in the groundwater level may occur due to seasonal changes,

variations in rainfall, and underground drainage patterns.

#### 3.4.2.1 *2263 Calle Del Mundo – Project Site*

**Phase I Environmental Site Assessment**

Consistent with mitigation measures HAZ-1.1 and HAZ-1.2, a Phase I Environmental Site Assessment (ESA) dated July 2018 was completed by *AllWest Environmental* for 2263 Calle Del Mundo. A copy of this report is provided in Appendix C.

On-Site Sources of Contamination

Based on a review of the project site, the site is listed within the HAZNET, Resource Conservation and Recovery Act-Small Quantity Generator (RCRA-SQG), Facility Index System (FINDS), Enforcement and Compliance History Online (ECHO), and California Environmental Reporting System (CA CERS) databases for using and generating small quantities of materials containing halogenated organic compounds and oil-containing wastes.

Off-Site Sources of Contamination

The Phase I ESA identified 56 off-site facilities within one-mile of the project site. Of the 56 facilities, three sites were identified with documented VOCs from on-site or undocumented off-site sources as discussed below.

The off-site facility located at 2272 Calle Del Mundo, approximately 0.1-mile cross- to down-gradient, was listed in the DTSC database as having a tiered permit[4] and as an inactive site needing evaluation. Concentrations of nickel, copper, oil and grease, and TCE were found in groundwater at this site exceeding RWQCB ESLs for groundwater in 1995.

The facility at 2301 Calle de Luna, approximately 0.1 mile down- to cross-gradient, is listed in the Cleanup Program Sites – Spills Leaks Investigations Cleanups (CPS-SLIC) database as having TCA and PCE in groundwater. Due to the lack of a clear source for the detected contaminants and proximity to the site, the Phase I ESA concluded that the project site may be impacted by groundwater contamination.

Additionally, the facility located at 2278 Calle de Luna (approximately 0.1 mile cross- to down-gradient) is documented as having ground water contamination. The Phase I concluded that the site may be impacted with low concentrations of solvents from the identified off-site facilities; therefore, a Phase II ESA was prepared.

**Phase II Environmental Site Assessment**

A Phase II ESA dated August 2018 was prepared by *AllWest Environmental* for the project site. A copy of this report is provided in Appendix D. Nine soil borings (SB-1 to SB-9) were advanced in July 2018. Thirty soil samples were collected from the borings while four groundwater samples from

[4] A tiered permit is a corrective action cleanup project on a hazardous waste facility that was either eligible to treat or permitted to treat waste under the Tiered Permitting system.

SB-2, SB-3, SB-8, and SB-9 were collected. The following soil samples exceeded applicable Tier 1 ESLs:

- Approximately 0.016 milligrams per kilogram (mg/kg) of organochlorine pesticides (OCPs) hexachlorocyclohexane (b-BHC) detected in SB-1 and approximately 0.0012 mg/kg of dieldrin in SB-8, exceeding their respective ESLs of 0.0098 mg/kg and 0.00017 mg/kg.
- Arsenic was detected in all soil samples ranging from 4.9 to 22 mg/kg, exceeding its ESL of 0.067 mg/kg. The amount of arsenic found is within naturally occurring background levels.
- Hexavalent chromium (Cr6) was detected in SB-8 at 0.66 mg/kg, exceeding its ESL of 0.30 mg/kg.
- Nickel was found at concentrations ranging from 87 to 160 mg/kg in SB-1, SB-2, SB-5, SB-6, SB-7, and SB-8, exceeding its ESL of 86 mg/kg.

As for groundwater, the following groundwater samples were found exceeding the respective ESLs:

- TPH-d and TPH-mo from SB-2 was detected at concentrations of 190 micrograms per liter (µg/L) and 4,100 µg/L, respectively, exceeding the TPH-d ESL of 100 µg/L.
- Benzo perylene was detected from SB-2, SB-3, and SB-8 at concentrations ranging from 0.61 to 0.91 µg/L, exceeding its respective ESL of 0.10 µg/L.
- Cobalt was detected in SB-2 and SB-8 at concentrations of 22 and 3.1 µg/L, exceeding its ESL of 3.0 µg/L.
- Copper from SB-3 and SB-8 were detected at concentrations of 4.3 and 5.5 µg/L, exceeding its ESL of 3.1 µg/L.
- Molybdenum was found in SB-2 and SB-8 at concentrations of 160 and 110 µg/L, respectively, exceeding its ESL of 100 µg/L.
- Nickel was found at a concentration of 8.7 µg/L at SB-8 which exceeds its respective ESL of 8.2 µg/L.
- Selenium from SB-2 was detected at a concentration of 7.3 µg/L exceeding its ESL of 5.0 µg/L.

Based on the conclusions of the Phase II ESA, although low concentrations of contaminates were found in soil and groundwater, the metal concentrations detected in soil and groundwater are within the naturally occurring background levels and the COCs detected in groundwater originated from off-site sources. Nevertheless, the project would implement mitigation measure HAZ-1.4 to HAZ-1.6. Therefore, the proposed project would not result in a new significant impact or an impact of greater severity than was previously identified.

#### 3.4.2.2 *2303, 2307, 2311, 2315, and 2319 Calle Del Mundo*

**Previous On-Site Environmental Investigations**

1989 Site Assessment

In May 1989, two groundwater monitoring wells were installed and sampled for soil and groundwater contamination. Based on the soil samples collected, arsenic was identified exceeding its

current commercial/industrial ESLs and lead and thallium were found above their respective residential ESLs. Arsenic was, however, detected below background levels. Elevated levels of metals were detected in the groundwater.

Based on the assessment, the site may have been impacted by the facilities located at 2262 Calle Del Mundo, 2335 Calle Del Mundo, and 2325 Calle de Luna. Additionally, an underground sump was identified at 2335 Calle Del Mundo.

1989 Additional Field Investigation

In July 1989, an additional groundwater monitoring well was installed on-site and sampled for soil and groundwater contamination. Based on the soil samples collected, arsenic was identified exceeding its current commercial/industrial ESLs and thallium was detected above the residential ESL. Antimony, arsenic, barium, beryllium, cadmium, cobalt, chromium, copper, mercury, nickel, lead, thallium, vanadium, and zinc were found in groundwater above their respective maximum contaminant levels (MCLs).

1990 G&K Metal Finishing Facility

In 1990, closure activities associated with the former tenant at 2307 Calle Del Mundo were completed on-site. Closure activities included removal of a sump, pressure-washing concrete surfaces and the sump, disposing of water from the pressure-washing, collecting soil samples from beneath the sump (after removal) and adjacent sewer line, characterization of wash water, and collection of building materials. The soil samples collected were analyzed for one or more of the following: copper, nickel, lead, chromium, hexavalent chromium, cadmium, and zinc. The Santa Clara County Fire Department determined that no residual contamination was left from the sump and the excavation was backfilled. During the facility closure, only hexavalent chromium was found in soil along the sewer line which exceeds the current residential cancer risk ESL of 0.30 mg/kg.

December 1990 Review of Site Activities

A memo summarizing previous environmental investigations was prepared in December 1990. The groundwater beneath the site were compared to the aquatic protection standard. The 1990 memo concluded that nickel, chromium, copper, and zinc all exceed the aquatic protection standard. The off-site facility at 2309 Calle de Luna may have impacted the project site.

1990 Drywall Sample Memo

A drywall sample was collected during closure activities in 1990 and analyzed for total hexavalent chromium. The sample detected 44 mg/kg of total hexavalent chromium which is below the hazardous material limit.

1993 Groundwater Sampling and Analysis

In July 1993, additional groundwater samples were collected from the monitoring wells and were analyzed for chromium, copper, lead, nickel, and zinc. When compared to the findings in 1989, the metal concentrations were significantly lower and below the laboratory reporting limit. Copper and nickel were the only chemicals found in the groundwater.

1998 Well Abandonment Letter Report

In 1998, the three groundwater monitoring wells were abandoned after the RWQCB issued a No Further Action (NFA). The metal concentrations detected in groundwater were below their respective MCLs.

2009 and 2010 Phase I ESA

No RECs were identified during the 2009 and 2010 Phase I ESAs.

2014 Phase I ESA

Two RECS were identified in a 2014 Phase I ESA which include: 1) the close proximity of the site to the All-Purpose Landfill and 2) the possible migration of an off-site VOC-impacted groundwater plume from 2301 Calle de Luna.

2015 Environmental Site Characterization

In 2015, an Environmental Site Characterization (ESC) was prepared to address the RECs identified in the 2014 Phase I ESA. During the ESC, two borings were advanced for soil and groundwater sampling, one boring was advanced for soil vapor sampling, and one sub-slab soil vapor probe was installed. Due to the stiff clays in the subsurface, no sub-slab soil vapor sample was collected. The soil samples were analyzed for total petroleum hydrocarbon (TPHs), TPHd, total petroleum hydrocarbon as gas (TPHg), TPHmo, VOCs, semi-volatile organic hydrocarbons (SVOCs), OCPs, polychlorinated biphenyls (PCBs), chlorinated herbicides, and metals. Both groundwater samples and sub-slab soil vapor samples were analyzed for VOCs. Concentrations of TPHs, VOCs, SVOCs, OCPs, PCBs, and chlorinated herbicides detected in the soil were below their respective residential ESLs.

In both groundwater samples, the concentrations of VOCs were below the method detection limit. All samples were found below the ESL for groundwater. The sub-slab soil vapor sample was compared to calculated screening levels (SLs). Benzene was detected at 110 micrograms per meter cubed ($\mu g/m^3$) which exceeds the calculated residential SL and commercial/industrial SL. The 2015 ESC concluded that removal of the soils, the installation of a waterproofing system, and a garage ventilation system would be sufficient to address any potential vapor intrusion at the site.

2015 Limited ESA

Another Phase I ESA was completed for the site in 2015 and no RECs were identified.

Off-Site Sources of Contamination

The Phase I ESA identified 56 off-site facilities within one-mile of the project site. Of the 56 facilities, two sites could result in a potential environmental concern.

The off-site facility, located at 2301 Calle de Luna, was previously used to produce metal parts for semiconductors and is currently an open site under the oversight of RWQCB. Groundwater monitoring has been analyzed since 2002. The primary COCs in groundwater are PCE and 1,1,1-trichloroethane (1,1,1-TCE).

Concentrations of tetrachloroethylene (PCE) and TCE were detected in groundwater at the facility located at 2339 Calle Del Mundo historically. In July 1997, the facility received an NFA from the RWQCB since the VOCs detected in the subsurface were from off-site sources. At the time this facility received the NFA, concentrations of TCE in groundwater ranged from 250 parts per billion (ppb) to 395 ppb. In November 2018, groundwater samples collected in the northeastern corner of the off-site facility detected TCE, cis-1,2-DCE, and VC at 33 µg/L, 8.0 µg/L, and 0.4 µg/L, respectively. The TCE and VC groundwater concentrations exceed both their respective MCLs and residential ESLs for vapor intrusion health risk. Although VOCs in groundwater have not been detected at the site and minimal VOCs have been observed in the sub-slab on-site, the Phase I ESA concluded that VOCs at this off-site facility may have migrated and impacted the northwestern corner of the project site. No subsurface investigations had been prepared for the northwestern corner; therefore, the VOC-impacted groundwater was considered a REC and a Phase II ESA was prepared.

**Phase I Environmental Site Assessment**

Consistent with mitigation measures HAZ-1.1 and HAZ-1.2, a Phase I ESA dated February 2019 was completed by *Roux Associates, Inc.* for 2303, 2307, 2311, 2315, and 2319 Calle Del Mundo. A copy of this report is provided in Appendix E.

<u>On-Site Sources of Contamination</u>

Based on a review of the project site, the site is listed within the Emissions Inventory Data (EMI), Certified Unified Program Agency (CUPA), MANIFEST, FINDS, RCRA-SQG, ECHO, and HAZNET databases for generating and/or disposing hazardous waste. Most of the former tenants do not pose an environmental concern to the property since no violations or release associated with the site have been identified. The only tenant with a potential environmental concern is located at Calle Del Mundo and is further discussed below.

In 2015, an Environmental Site Characterization (ESC) was prepared which sampled soil, sub-slab vapor, and groundwater. Benzene was the only contaminant found in the sub-slab vapor sample that exceeded calculated SLs. No soil samples were collected in the vicinity of the former sewer line where hexavalent chromium was found exceeding the residential cancer risk ESL. Lead and thallium were found exceeding their respective residential ESLs.

**Phase II Environmental Site Assessment**

A Phase II ESA was prepared in February 2019 by *Roux Associates, Inc*. to access the RECs identified in the Phase I ESA. A copy of this report is provided in Appendix F.

Two sub-slab soil vapor samples (RSS-1 and RSS-2) were collected and compared to RWQCB ESLs. Petroleum-related and chlorofluorocarbon VOCs were detected in both samples below residential ESLs. Chloroform, and methylene chloride exceeded their respective residential ESLs at RSS-2. Benzene exceeded its respective residential and commercial/industrial ESL.

The project shall comply with Mitigation Measures HAZ-1.2 to HAZ-1.6 and would not result in new or more substantive hazardous materials impacts than were previously identified in the TESP FEIR.

## 3.5 HYDROLOGY AND WATER QUALITY

The following analysis addresses the potential hydrology and water quality impacts that would result from implementation of the proposed project. Specifically, the following discussion addresses the potential for off-site flooding resulting from development of the project site. In addition, the analysis addresses the projects consistency with the Municipal Regional Stormwater NPDES Permit (MRP). Because the proposed project is consistent with the development assumptions in the TESP FEIR, water quality impacts from construction would be consistent with the conclusions of the FEIR. Furthermore, the project would be consistent with the findings of the FEIR regarding groundwater, drainage, and inundation hazards. No further discussion of these issues is provided.

### 3.5.1 Findings of the Previously Certified FEIR

#### 3.5.1.1 *Post-Construction Stormwater Treatment*

The TESP FEIR states that all projects within the TESP area are required to comply with the MRP and C.3 stormwater treatment regulations. The TESP FEIR concluded that compliance with regulatory requirements would result in a less than significant water quality impact.

### 3.5.2 Hydrology and Water Quality Impacts Resulting from the Proposed Project

#### 3.5.2.1 *Post-Construction Stormwater Treatment*

The MRP requires all post-construction stormwater runoff to be treated by numerically sized low-impact development (LID) treatment controls unless the project is granted Special Project LID Reduction Credits, which would allow the project to implement non-LID measures for all or a portion of the site depending on the project characteristics.

Consistent with the TESP FEIR, the project would be required to comply with the MRP and proposes flow-through planters, bioretention basin, and media filters to treat stormwater runoff. The final stormwater control plan will be reviewed and approved by the City at the development permit stage. Therefore, the proposed project would not result in any new impacts or substantially increase the severity of the previously identified hydrology and water quality impacts.

## 3.6 NOISE

The following analysis addresses the potential operational noise impacts that would result from the proposed project. Because the project is consistent with the development assumptions in the TESP FEIR, construction noise and vibration would be consistent with the conclusions of the FEIR and all identified mitigation measures would be required and are incorporated by reference. No further discussion of construction noise and vibration is provided.

Operational noise issues pertaining to interior noise, mechanical equipment, traffic noise, and aircraft noise was found to be less than significant in the TESP FEIR. Since the project site is not within 50 feet of the southern and western border of the TESP area (where interior noise levels would exceed the City's interior noise standards) and future residences would not border Lafayette Street or Tasman Drive, no further discussion of interior noise is required. Because the project is consistent with the development assumptions in the TESP FEIR, the proposed project would also have a less than significant impact. No further analysis is required.

### 3.6.1 Findings of the Previously Certified FEIR

CEQA does not address the effects of existing environmental conditions on a project. Nevertheless, the City of Santa Clara addressed the effect of existing noise sources on future residents in the TESP area as a planning consideration.

The predominant sources of noise that affect the noise environment within the TESP area and at nearby land uses are primarily vehicular traffic along Lafayette Street and Tasman Drive. Traffic along the local streets within the TESP area, which include Calle Del Mundo and Calle De Luna, affect the ambient noise environment. Aircraft associated with Norman Y. Mineta San José International Airport and trains passing along the Lick Mill Light Rail Transit Station and Great America Station also contribute to the noise environment in the area. Levi's Stadium, approximately 1,175 feet away from the project area, periodically contributes to the noise environment during large events such as NFL games and concerts. Based on findings from the 2009 Stadium FEIR[5], residences within 2,000 feet of the stadium would experience elevated exterior noise levels during events which would result in a significant unavoidable impact.

In mid/high density residential developments, private terraces or balconies are not typically considered sensitive to exterior noise levels. Aircraft noise exposure throughout the TESP area exceeds 55 dBA CNEL, and it is not normally feasible to reduce aircraft noise in outdoor activity areas. The following Conditions of Approval were included in the TESP FEIR to reduce exterior noise levels at common outdoor activity areas consistent with the City's General Plan:

- Do not locate common outdoor activity areas immediately adjacent to Tasman Drive, Lafayette Street, or the future Lick Mill Boulevard extension.

- Utilize site planning by placing outdoor activity areas in courtyards, on shielded podium levels (sky gardens) or rooftops, or behind buildings adjoining Tasman Drive, Lafayette Street, and Lick Mill Boulevard. Development adjacent to existing and planned open space shall be designed to provide shielding of the open space from Tasman Drive, Lafayette Street, and Lick Mill Boulevard.

### 3.6.2 Noise Impacts Resulting from the Proposed Project

#### 3.6.2.1 *Exterior Noise Levels*

Private open space would be located on the fourth floor and would consist of a cabana/BBQ area, a pool deck, and a games/BBQ courtyard. Additionally, an approximately 2,815 square foot terrace lounge/community garden would be located on the eighth floor, facing Calle Del Mundo. The project proposes approximately 10,494 square feet of dedicated parkland along Calle Del Mundo. Consistent with the TESP FEIR, none of the common outdoor areas would be immediately adjacent to Tasman Drive, Lafayette Street, or the future Lick Mill Boulevard extension. Several private balconies are proposed on the floors three to eight. Based on the approved TESP FEIR, private terraces or balconies within mid/high density residential developments are not typically considered sensitive to exterior noise levels. Therefore, the project would meet the City's noise standards and would be consistent with the findings of the TESP FEIR.

[5] City of Santa Clara. *49ers Stadium Project FEIR*. November 2009.

## 3.7 CONCLUSION

Based on the above analysis and discussion, no substantive revisions are needed to the TESP FEIR, because no new significant impacts or impacts of substantially greater severity would result from the proposed project. There have been no changes in circumstance in the project area that would result in new significant environmental impacts or substantially more severe impacts, and no new information has come to light that would indicate the potential for new significant impacts or substantially more severe impacts than were discussed in the TSEP FEIR. Therefore, no further evaluation is required, and no Subsequent EIR is needed pursuant to State CEQA Guidelines Section 15162, and an EIR Addendum has therefore appropriately been prepared, pursuant to Section 15164.

## APPENDICES

Appendix A: Bird-Safe Design Memo
Appendix B: Tree Survey
Appendix C: Phase I Environmental Site Assessment (2263 Calle Del Mundo)
Appendix D: Phase II Environmental Site Assessment (2263 Calle Del Mundo)
Appendix E: Phase I Environmental Site Assessment (2303, 2307, 2311, 2315, and 2319 Calle Del Mundo)
Appendix F: Phase II Environmental Site Assessment (2303, 2307, 2311, 2315, and 2319 Calle Del Mundo)

July 14, 2020

Fiona Phung
David J. Powers & Associates
1871 The Alameda, Suite 200
San José, CA 95126

**Subject:** 2263 Calle del Mundo – Assessment of Avian Collision Risk (HTH #3953-03)

Dear Ms. Phung:

Per your request, H. T. Harvey & Associates has assessed avian collision risk for the proposed new building to be constructed at 2263 Calle del Mundo in Santa Clara, California. The approximately 1.9-acre project site is bounded by Calle del Mundo to the south, the Santa Clara Golf and Tennis Club (slated for development as an office campus as part of the City of Santa Clara's Related Santa Clara project) to the north, and commercial development to the east and west. It is our understanding that, as part of the Tasman East Specific Plan, the project is subject to the bird-safe design requirements described in Mitigation Measure BIO-3.1 of the Specific Plan's final Environmental Impact Report (EIR). We further understand that David J. Powers & Associates has requested our assistance with an analysis of bird-safe design measures proposed by the project applicant to determine whether the design complies with Mitigation Measure Bio-3.1. This report summarizes our analysis and describes the measures that, in our opinion, need to be incorporated into the project design to comply with bird-safe and lighting design requirements of the EIR.

## Statement of Qualifications

This assessment was prepared by Steve Rottenborn and me. Briefly, our qualifications are as follows (résumés attached):

- I am a wildlife ecologist with a B.S. in Ecology from the University of California, San Diego and an M.S. in Fish and Wildlife Management from Montana State University, where my Master's thesis focused on factors affecting the nest survival of yellow warblers (*Setophaga petechia*), dusky flycatchers (*Empidonax oberholseri*), and warbling vireos (*Vireo gilvus*). Trained as an ornithologist, I specialize in the nesting ecology of passerine birds, with a broad range of avian field experience from across the United States. I am an avid birder, and I volunteer as a bird bander for the San Francisco Bay Bird Observatory, where I have been banding, sexing, and aging resident and migrant passerine species since 2010. I have spent hundreds of

hours in the field conducting nesting bird surveys for H. T. Harvey & Associates projects over the past 13 years, and have found hundreds of passerine nests as well as many nests of raptors.

- Steve Rottenborn has a Ph.D. in biological sciences from Stanford University, where his doctoral dissertation focused on the effects of urbanization on riparian bird communities in the South San Francisco Bay area. He has been an active birder for more than 35 years and has conducted or assisted with research on birds since 1990. He has served for 9 years as an elected member of the California Bird Records Committee (including 3 years as chair) and for 13 years as a Regional Editor for the Northern California region of the journal North American Birds. He is a member of the Scientific Advisory Board for the San Francisco Bay Bird Observatory, the Technical Advisory Committee for the South Bay Salt Ponds Restoration Project, and the Board of Directors of the Western Field Ornithologists.

Although the subject of bird-friendly design is relatively new to the West Coast, we have performed avian collision risk assessments and identified measures to reduce collision risk for several projects in the Bay Area, including projects in the cities of San Francisco, Oakland, South San Francisco, Redwood City, Menlo Park, Palo Alto, Mountain View, Sunnyvale, Santa Clara, and San José.

## Assessment of Collision Risk

It has been well documented that glass windows and building facades can result in injury or mortality of birds due to birds' collisions with these surfaces[1]. Because birds do not perceive glass as an obstruction the way humans do, they may collide with glass when the sky or vegetation is reflected in glass (e.g., they see the glass as sky or vegetated areas); when transparent windows allow birds to perceive an unobstructed flight route through the glass (such as at corners); and when the combination of transparent glass and interior vegetation (such as in planted atria) results in attempts by birds to fly through glass to reach that vegetation. The greatest risk of avian collisions with buildings occurs in the area within 60 feet of the ground, because this is the area in which most bird activity occurs[2].

The potential for birds to collide with buildings in the Plan area was previously assessed in the Specific Plan EIR. A number of factors contribute to the potential for bird collisions with Plan area buildings, including the design and location of the buildings, and no site plan or specific project design was available when the EIR was prepared. Mitigation Measure 3.1 allows the City to waive or reduce bird-safe design requirements based on an analysis by a qualified biologist indicating that proposed construction will not pose a collision hazard to birds. Per the EIR, such a waiver is generally not appropriate for façades adjacent to well-vegetated areas, but a waiver may be appropriate, for example, for façades that face developed areas lacking vegetation, water features, or other features that would be particularly attractive to birds. Thus, in the context of the EIR, we considered the potential for birds to collide with the proposed building at 2263 Calle del Mundo based on the project design

[1] Klem, D. Jr. February, 2009. Avian Mortality at Windows: The Second Largest Human Source of Bird Mortality on Earth. Proceedings of the Fourth International Partners in Flight Conference: Tundra to Tropics. 244-251.
[2] San Francisco Planning Department. 2011. Standards for Bird-Safe Buildings.

information provided by David J. Powers & Associates through July 2020 in order to determine if a waiver of any bird-safe design requirements in Mitigation Measure 3.1 is appropriate.

The project design includes the construction of an 8-story, 85-foot tall mid-rise residential building with 299 residential dwelling units, two live-work units, a 650 square-foot commercial space, a 14,300 square-foot public park, privately owned publicly accessible open space, and associated garage parking (Figure 1). Proposed exterior open space areas where birds can potentially occur are an approximately 0.6-acre area of public park and adjacent privately owned open space on Level 1, a 7,450 square-foot pool deck on Level 4 that is open to Calle del Mundo to the south, a 3,815 square-foot games/barbecue courtyard on Level 4 that is enclosed by five stories of residential dwellings, and a community garden and view terrace on Level 8 that are 2,560 square feet together and open to Calle del Mundo to the south (Figure 1).

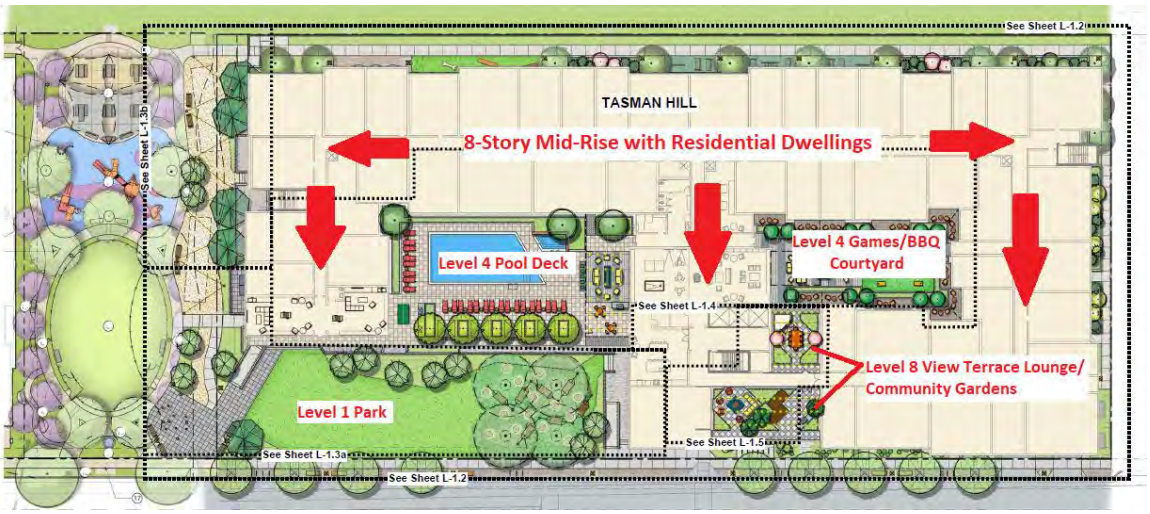



**Figure 1. Project site plan showing an overview of the building and all open space areas.**

The design of the building's façades includes overhangs, opaque wall panels, and mullions; we expect these features to increase the visibility of the building to birds and reduce the potential for birds to collide with the building (Figure 2 and 3). Nevertheless, the predominantly glazed facades of the building, coupled with the abundance of birds in the vicinity of the Plan area, will result in some bird collisions. The risk of bird collisions is expected to be highest where birds can see vegetation on the other side of glass, and where birds see vegetation or blue sky reflected in the glass; in these cases, birds may collide with glass when trying to reach vegetation. For example, transparent glass corners are present on several corners of the building (Figure 3), and free-standing glass railings are present on the Level 4 pool deck (Figures 2 and 3). In addition, landscape vegetation will be planted near or adjacent to building facades (Figure 1). Although the project plans indicate that this vegetation incorporates few locally native plants and trees, and therefore will not provide high-quality bird habitat, this vegetation is expected to attract some birds towards the buildings where they are more vulnerable to collisions. Vegetation planted within the Level 4 pool deck and Level 8 view terrace/community garden is also expected to attract birds towards glazed facades, thus increasing the potential for bird collisions. Relatively few birds are expected to collide with glazing around the Level 4 games/barbecue courtyard because

the courtyard is surrounded by five stories of residences and it is unlikely that birds will find and make use of the vegetation in this courtyard.

**Figure 2. Overhangs, opaque wall panels, and mullions increase the visibility of the building to birds. However, the free-standing glass railing present on the Level 4 pool deck represents a collision hazard.**

**Figure 3. Overhangs, opaque wall panels, and mullions increase the visibility of the building to birds. However, the transparent building corners represent collision hazards.**

## Assessment of Project Design Compliance with Bird-Safe Design Requirements of the EIR

We have reviewed the design of the proposed buildings with respect to Mitigation Measure BIO-3.1 of the project's EIR. The following section provides our assessment of the compliance of the project design with these requirements and describes design modifications that, in our opinion, would be necessary for compliance with Mitigation Measure BIO-3.1.

### *1. Reduce the extent of glass on the façades of new buildings to the extent feasible.*

The north and east façades of the building are composed primarily of opaque panels broken up by decorative screens and relatively small individual windows (compared to the extent of the opaque wall panels), and the majority of Levels 1–3 of these facades have no windows (Figures 4 and 5). This design effectively reduces glazing on the building. The south and west facades of the building also incorporate opaque wall panels that somewhat reduce the extent of glazing on the building (Figures 2, 3, and 6). However, Levels 1–2 and portions of Level 3 of these facades as well as the glazing around the public amenity spaces on Levels 1–8 of the south facade (i.e., in the central portion of the façade, above the lobby) are predominantly glazed. It is our understanding that the project proponent has indicated that the design minimizes glazing on the building to the extent feasible. Whether it is "feasible" to reduce glazing further is a matter that should be resolved between the applicant and the City. Thus, if the City agrees that glazing on these facades is minimized to the extent feasible, then the project is in compliance with this measure.

**Figure 4. The north façade of the building is composed primarily of opaque wall panels, and the majority of Levels 1–3 have no windows.**

**Figure 5. The east façade of the building is composed primarily of opaque wall panels, and Levels 1–3 have no windows.**

**Figure 6. The west façade of the building incorporates opaque wall panels, but Levels 1–2 are predominantly glazed.**

***2. Prohibit the visibility of interior landscaped areas behind glass.***

It is our understanding that no interior landscape areas are proposed behind glass as part of the project. Based on this information, it is our opinion that the project design is in compliance with this requirement.

***3. No more than 10% of the surface area of a building's total exterior façade shall have untreated glazing between the ground and 60 feet above ground. Bird-safe glazing treatments may include fritting, netting, permanent stencils, frosted glass, exterior screens, physical grids placed on the exterior of glazing or ultraviolet patterns visible to birds. Vertical elements of the window patterns should be at least 0.25 inches wide at a maximum spacing of four inches or have horizontal elements at least 0.125 inches wide at a maximum spacing of 2 inches. Any remaining untreated glazed areas will be broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments.***

It is our understanding that no bird-safe glazing is currently proposed on the building. Mitigation Measure 3.1 allows the City to waive or reduce bird-safe design requirements based on an analysis by a qualified biologist indicating that proposed construction will not pose a collision hazard to birds. Because (1) it is known that portions of the current project design (e.g., the lack of bird-safe glazing below 60 feet) do not comply with the EIR requirements for bird-safe glazing, and (2) the applicant has requested exceptions to the EIR requirements, this section provides our opinions regarding design changes that are necessary for compliance with bird-safe glazing requirements based on the plan details available rather than an assessment of project design compliance. As biologists qualified to provide a professional opinion regarding the issue of bird-safe design, we offer the conclusions below to indicate where exceptions apply to the proposed buildings related to the extent of treated glazing, and where additional design changes are, in our opinion, necessary for compliance.

It is our professional opinion that the frequency of collisions between native birds and the building on the project site will be lower compared to sites within the Plan area that are located in closer proximity to Ulistac Natural Area approximately 1,200 feet southeast of the site and to the Guadalupe River approximately 765 feet to the east. The vegetation to be planted on the site is primarily nonnative, the extent of this vegetation will be

limited, and the proposed 0.6-acre open space area (which represents the largest area where landscape vegetation is proposed) will be surrounded by development; therefore, the proposed vegetation will provide relatively limited resources for native birds. Therefore, in our opinion, substantial impacts on birds from collisions with the majority of the building façades are not expected to occur simply because bird abundance in the immediate vicinity of these facades will be relatively low, and the proposed buildings may qualify for exceptions to the EIR requirements for bird-safe glazing. Nevertheless, as discussed in the EIR, due to the proximity of the Guadalupe River and Ulistac Natural Area to the Specific Plan area, relatively large numbers of birds compared to other areas of Santa Clara and most of the remainder of the urban Santa Clara Valley floor are expected to at least fly through or past the site over the long term. Thus, in our opinion, bird-safe treatments are appropriate in areas where the architectural features of the buildings pose high collision risk to whatever birds are present in surrounding areas. We identified areas of high collision risk to include (1) the extensive glazing on Levels 1–2 and portions of Level 3 of the south and west facades, and (2) "feature-related hazards" within 60 feet of proposed exterior vegetation. A "feature-related hazard" is a potential bird collision hazard that should be treated (i.e., ameliorated) regardless of whether a building is located near a high-quality bird habitat area due to its high potential to result in bird collisions. Based on our understanding of the proposed project, feature-related hazards would include free-standing glass railings and transparent glass corners.

In our opinion, the following design modifications are necessary to incorporate bird-safe measures to comply with EIR requirement #3 related to bird-safe glazing:

There is some potential for bird collisions with large areas of glazing on Levels 1–2 and portions of Level 3 of the south and west facades of the building (Figures 7–9), which will be located adjacent to landscape vegetation (Figure 1); the potential for bird collisions with portions of these facades above these areas is lower due to the much lower proportion of the upper floors' facades that is glazed. As a result, some reduction in the extent of glazing, or some treatment of glazing (with bird-safe treatments), is necessary for Levels 1–2 and portions of Level 3 of the south and west facades of the building, as indicated on Figures 7–9. In our opinion, one of the following two alternatives for glazing treatment needs to be implemented to meet the intent of this measure:

- As specified in this mitigation measure, no more than 10% of the surface area of the facades on the south and west sides of the building shall have untreated glazing between the ground and 60 feet above ground. The applicant can determine which areas have untreated glazing, though because the majority of collisions with these facades are expected to occur within the areas indicated in red on Figures 7–9 (due to the extent of glazing and proximity to vegetation), untreated glazing shall be minimized within these areas.

  **<u>or</u>**

- No more than 10% of the surface area of facades within the areas indicated in red on Figures 7–9 (i.e., heavily glazed areas on Levels 1–2 and portions of Level 3) on the south and west sides of the building shall consist of untreated glazing (this alternative focuses explicitly on the areas indicated in red on Figures 7–9, where collision risk is highest, but provides less flexibility to the applicant regarding where unglazed treatment will occur).

Regardless of which alternative is implemented, any untreated glazed areas (i.e., the 10% untreated areas) on the south and west sides of the building need to be broken up into sections no greater than 24 square feet in size by mullions and bird-safe treatments to comply with this measure.

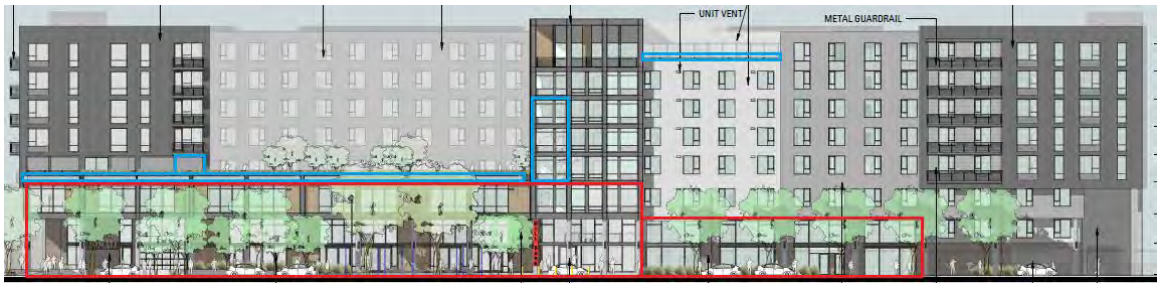



**Figure 7. Extensive areas of glazing on Levels 1–2 and a portion of Level 3 on the south façade of the building are indicated in red, and feature-related hazards above Level 3 are indicated in blue. These areas need to be treated with a bird-safe glazing treatment.**

**Figure 8. Extensive areas of glazing on Levels 1–2 and a portion of Level 3 on the south façade of the building are indicated in red, and feature-related hazards above Level 3 are indicated in blue. These areas need to be treated with a bird-safe glazing treatment.**

**Figure 9. Extensive areas of glazing on Levels 1–3 on the west façade of the building are indicated in red, and feature-related hazards above Level 3 are indicated in blue. These areas need to be treated with a bird-safe glazing treatment.**

***4. Avoid free-standing clear glass walls, skywalks, transparent building corners, glass enclosures (e.g., greenhouses) on rooftops, and balconies with unbroken glazed segments 24 square feet and larger where feasible. If any such structures are included in building designs, all glazing used in any such features will be 100% treated.***

Glass railings and transparent glass corners are included in the project design. It is our understanding that no glass enclosures (e.g., greenhouses) are proposed.

As discussed under requirement #3 above, Mitigation Measure 3.1 allows the City to waive or reduce bird-safe design requirements based on analysis by a qualified biologist indicating that proposed construction will not pose a collision hazard to birds. It is our opinion that bird-safe treatments are necessary in areas where the architectural features of the buildings pose high collision risk to whatever birds are present in surrounding areas. For feature-related hazards (i.e., glass railings and transparent glass corners), we identified areas of high collision risk to include those hazards within 60 feet above and below proposed exterior vegetation. In our opinion, bird-safe measures need to be implemented as follows to comply with EIR requirement #4 related to feature-related hazards:

- All glass railings and transparent glass corners shall be 100% treated adjacent to open space areas where landscape vegetation is proposed (i.e., on Level 1 and on Level 4 adjacent to the pool deck). In addition, because the vegetated areas may be relatively large (7,480 and 3,815 square feet on Level 4 and 2,560 on Level 8), and therefore may attract birds, all glass railings and transparent glass corners within 60 feet above and below these areas shall be treated. Glass corners are considered "transparent" when they have extensive glazing on either side such that birds are likely to see through the corners to the other side of the building. For this assessment, we did not consider building corners at residential dwelling spaces to be "transparent" because these corners are not extensively glazed on both sides and the glazing will be broken up by large opaque panels. Glass railings and transparent glass corners that shall be treated are outlined in blue on Figures 7–9; in addition, all glass railings and glass corners surrounding the community garden, for which no images are available, shall also be treated.
- Where no vegetation is proposed (e.g., behind railings or on roofs) and glass railings or transparent glass corners are present more than 60 feet above or below large areas of landscape vegetation, few (if any) birds are anticipated to be present, and it is our opinion that treatment of these features is not needed to minimize bird collisions with the building (Figures 7–8).

Reducing the extent of transparent corners and glass railings would be more consistent with the EIR's mitigation measure. Nevertheless, if the measures listed above are incorporated into the design, it is our opinion that the project would adequately reduce the potential for bird collisions due to feature-related hazards such as free-standing glass walls and transparent glass corners.

### *5. Reduce glass at tops of buildings, especially when incorporating a green roof into the building design.*

The façade below the Level 8 viewing terrace consists of opaque wall panels broken up by relatively small individual windows (i.e., relative to the extent of the opaque wall panels on this façade) and effectively reduces glazing at the top of the building where the Level 8 green roof is present (Figures 2 and 3). However, the project plans indicate that the facades below the Level 4 pool deck are predominantly glazed (Figures 2 and 3).

In order to comply with this measure, the project design needs to be modified so that the glazing on Level 3 below the Level 4 pool deck is treated with a bird-safe glazing treatment so that (1) no more than 10% of the surface area of facades within the areas indicated in red on Figures 7–9 on the south and west sides of the building consists of untreated glazing, and (2) any untreated glazed areas (i.e., the 10% untreated areas on the south and west sides of the building) are broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments to comply with EIR requirement #5. The areas that shall be treated are located within the red-outlined areas on Figures 7 and 9. With the implementation of this measure, it is our opinion that the project would effectively reduce glass at the tops of buildings adjacent to green roofs and would be in compliance with this requirement.

### *6. If a green roof or green wall is incorporated into the building design, no more than 10% of the surface area of the building's combined façades within 12 vertical feet above and/or below the green roof or green wall shall have untreated glazing. Any remaining untreated glazed areas will be broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments.*

It is our understanding that no green walls are proposed as part of the project. Green roofs are proposed on the Level 4 pool deck and Level 8 viewing terrace and community garden (Figure 1); these areas create potential bird collision issues because they contain vegetation that will attract birds, which can then collide either with glass railings or other glazing near the green roof. The Level 4 games/barbecue courtyard is not considered a "green roof" for purposes of assessing compliance with this requirement because it not adjacent to the tops of any building facades such that a bird collision hazard would be present.

To comply with this requirement, the project design needs to be modified so that no more than 10% of the surface area of the building's combined façades within 12 vertical feet above and/or below the Level 4 pool deck and above the Level 8 viewing terrace and community garden has untreated glazing. The façade below the Level 8 viewing terrace consists of opaque wall panels broken up by relatively small individual windows (i.e., relative to the extent of the opaque wall panels on this façade) and effectively reduces glazing at the top of the building where the Level 8 green roof is present; in our opinion, bird-safe treatment of this glazing is not needed to minimize bird collisions All remaining untreated glazed areas within 12 feet above and below the Level 4 pool deck and above the Level 8 viewing terrace and community garden shall be broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments in order to comply with this measure.

Comprehensive views of all facades adjacent to the Level 4 pool deck and Level 8 viewing terrace and community garden were not available for illustrative purposes. Figures 10 and 11 outline visible glazing within 12 feet above and below the Level 4 pool deck as viewed from the south and west; however, all glazing within 12 feet above the pool deck (i.e., including glazing on the east and west sides of the pool deck) also needs to be treated to comply with this measure. Figure 12 outlines visible glazing within 12 feet above the Level 8 viewing terrace as viewed from the south; however, any additional glazing surrounding this terrace (i.e., on the east and west sides of the terrace) as well as around the community garden shall also be treated.

**Figure 10. Glazing within 12 feet above and below the Level 4 pool deck is indicated in yellow. These areas need to be treated with a bird-safe glazing treatment.**

**Figure 11. Glazing within 12 feet above and below the Level 4 pool deck is indicated in yellow. These areas need to be treated with a bird-safe glazing treatment.**

**Figure 12. Glazing within 12 feet above the Level 8 viewing terrace is indicated in yellow. This area needs to be treated with a bird-safe glazing treatment.**

### *7. Avoid the funneling of flight paths between buildings or trees towards a glazed building façade.*

The building, as planned, does not include any features that would funnel birds toward a glazed surface. It is our opinion that the project complies with this requirement.

### *8. Landscaping, including planted vegetation and water features, shall be designed to minimize the potential for collisions. For example, vegetation providing particularly valuable resources to birds (such as fruits) will be planted away from buildings with extensive glazing, and vegetation in general will be planted in such a way that it is not clearly reflected in windows. Water features would be located away from building exteriors to reduce the attraction of birds toward glazed façades.*

It is our understanding that no water features are proposed as part of the project, apart from the Level 4 swimming pool, which will not attract birds to the project area. The landscape plans show several nonnative London planes (*Platanus acerifolia*) and crepe myrtles (*Lagerstroemia indica*) proposed adjacent to glazed facades on the south side of the building (i.e., along Calle del Mundo) and several nonnative lacebark elms (*Ulmus parvifolia*) proposed adjacent to glazed facades on the west side of the building. None of these trees are expected to provide particularly valuable resources to birds, and it is our opinion that they are not expected to increase the potential for bird collisions. However, four coast live oaks (*Quercus agrifolia*) will be planted in 96-inch boxes adjacent to the south façade of the building. These trees provide high-quality resources for birds, although the small number of trees that will be planted on the site and their isolation from natural areas at Ulistac Natural Area and along the Guadalupe River by development limits the value of these trees to birds.

Shrubs and ground cover proposed to be planted on the site consist of a mix of native and nonnative species including toyon (*Heteromeles arbutifolia*), agave (*Agave* spp.), ornamental strawberry (*Fragaria* sp.), flax (*Phormium* sp.), juniper (*Juniperus virginiana*), and bamboo (*Bambusa multiplex*). Several of these species will produce berries that are attractive to birds, and a number of flowering species will also produce flowers that are attractive to Anna's hummingbirds (*Calypte anna*). Planted areas with berries and flowers will be located immediately adjacent to the buildings, and may attract birds to these areas and increase the potential for bird collisions with glazed facades.

As discussed above, all glazed facades adjacent to landscape vegetation within the public park on Level 1, the pool deck on Level 4, and the community garden and view terrace on Level 8 need to be treated with a bird-safe glazing treatment such that no more than 10% of the surface area of these façades have untreated glazing, and all remaining untreated glazed areas shall be broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments. The areas where a bird-safe treatment needs to be implemented are shown on Figures 7–12. This bird-safe treatment is expected to reduce the potential for birds to collide with building facades, even if vegetation is planted in adjacent areas. In addition, however, the planting plan needs to be prepared/modified so that (1) landscape vegetation with flowers and fruits, and (2) coast live oak trees are not included in any planted areas located immediately adjacent to (i.e., with no unvegetated areas, such as a

pedestrian pathway, between the vegetation and the glazing) untreated glazed areas (i.e., the 10% areas with untreated glazing). With the implementation of these measures, it is our opinion that the project would be in compliance with this requirement.

***9. Minimize exterior lighting to the extent feasible, except as needed for safety. All exterior lights shall be directed toward facilities in the Plan Area (e.g., rather than directed upward or outward) and shielded to ensure that light is not directed outward toward the Guadalupe River or Ulistac Natural Area.***

It is our understanding that the project's lighting plan is not yet available. To ensure that the project effectively minimizes exterior lighting to reduce bird collisions, the project shall comply with the exterior lighting requirements of LEED Pilot Credit 55 for bird-safe buildings. These requirements are as follows:

- Exterior building fixtures that are not necessary for safety, building entrances, and circulation shall be automatically shut off from midnight until 6:00 a.m. Manual override capability may be provided for occasional after-hours use.
- Exterior uplighting shall be avoided in the project design.

The following exterior lighting is exempt from these requirements, provided it is controlled separately from the nonexempt lighting:

- Specialized signal, directional, and marker lighting for transportation
- Government-mandated roadway lighting
- Hospital emergency departments, including associated helipads
- Lighting for the national flag

Because the project site is located 1,200 feet from Ulistac Natural Area and 765 feet from the Guadalupe River, we do not anticipate that unshielded exterior lighting in public areas will spill outwards into these natural areas. As a result, shielding of lighting on the site is not needed to comply with this requirement.

***10. Occupancy sensors or other switch control devices shall be installed on interior lights, with the exception of emergency lights or lights needed for safety purposes. Exterior shades shall also be considered to reduce light pollution. On commercial buildings, these lights shall be programmed to shut off during non-work hours and between 10:00 p.m. and sunrise.***

It is our understanding that the project's lighting plan is not yet available. To ensure that the project effectively minimizes lighting to reduce bird collisions, the project comply shall with the exterior lighting requirements of LEED Pilot Credit 55 for bird-safe buildings, listed under requirement #9 above.

Because (1) the proposed building is entirely residential, (2) we do not expect residents to use extensive night lighting, and (3) the proposed building will be located 1,200 feet from Ulistac Natural Area and 765 feet from the Guadalupe River, we do not anticipate the building's interior lighting to result in substantial impacts on birds in the site vicinity. Thus, in our opinion, compliance with the exterior lighting requirements listed under requirement #9 will be adequate to minimize bird collisions with the building due to lighting.

## Summary

Because birds are present in the vicinity of the proposed buildings, and the glass façades of the buildings may not always be perceived by birds as physical impediments to flight, we expect some avian collisions with the proposed buildings to occur. Among the project components, we expect collision risk to be highest where birds can see through the buildings (e.g. at transparent corners), adjacent to the building's green roofs, and at free-standing glass railings.

Plan details were not available to indicate whether the project will comply with all requirements of Mitigation Measure BIO-3.1 of the EIR. Thus, we were unable to determine if the exterior and interior lighting plans are in compliance with requirements of Mitigation Measure BIO-3.1 of the EIR, or if the lighting design may be eligible for exceptions. For the remaining project components, we have provided an assessment of project design compliance with the EIR where feasible, and where the design is not in compliance, we have indicated the changes that need to be made to bring the design into compliance. Based on our assessment, it is our opinion that the project would comply with Mitigation Measure BIO-3.1 of the EIR with the implementation of the following measures:

- There is some potential for bird collisions with large areas of glazing on Levels 1–2 and portions of Level 3 of the south and west facades of the building (Figures 7–9), which will be located adjacent to landscape vegetation (Figure 1); the potential for bird collisions with portions of these facades above these areas is lower due to the much lower proportion of the upper floors' facades that is glazed. As a result, some reduction in the extent of glazing, or treatment of glazing (with bird-safe treatments), is necessary for Levels 1–2 and portions of Level 3 of the south and west facades of the building, as indicated on Figures 7–9. In our opinion, one of the following two alternatives for glazing treatment needs to be implemented to meet the intent of this measure:
    - As specified in this mitigation measure, no more than 10% of the surface area of the facades on the south and west sides of the building shall have untreated glazing between the ground and 60 feet above ground. The applicant can determine which areas have untreated glazing, though because the majority of collisions with these facades are expected to occur within the areas indicated in red on Figures 7–9 (due to the extent of glazing and proximity to vegetation), untreated shall glazing be minimized within these areas.

      **<u>or</u>**

- No more than 10% of the surface area of facades within the areas indicated in red on Figures 7–9 (i.e., heavily glazed areas on Levels 1–2 and portions of Level 3) on the south and west sides of the building shall consist of untreated glazing (this alternative focuses explicitly on the areas indicated in red on Figures 7–9, where collision risk is highest, but provides less flexibility to the applicant regarding where unglazed treatment will occur).

Regardless of which alternative is implemented, any untreated glazed areas (i.e., the 10% untreated areas) on the south and west sides of the building need to be broken up into sections no greater than 24 square feet in size by mullions and bird-safe treatments.

- All glass railings and transparent glass corners need to be 100% treated adjacent to open space areas where landscape vegetation is proposed (i.e., on Level 1 and on Level 4 adjacent to the pool deck). In addition, because the vegetated areas may be relatively large (6,030 and 4,710 square feet on Level 4 and 2,815 on Level 8), and therefore may attract birds, feature-related hazards within 60 feet above and below these areas shall be treated. The areas where treatment needs be implemented are outlined in blue on Figures 7–9; in addition, all glass railings and glass corners surrounding the community garden, for which no images are available, shall be treated.
- Where no vegetation is proposed and glass railings or transparent glass corners are present more than 60 feet above or below large areas of landscape vegetation, few (if any) birds are anticipated to be present and it is our opinion that treatment of these features is not needed to minimize bird collisions with the building (Figures 7–8).
- No more than 10% of the surface area of the building's combined façades within 12 vertical feet above and/or below the Level 4 pool deck and above the Level 8 viewing terrace and community garden shall have untreated glazing (Figures 10–12). All remaining untreated glazed areas within 12 feet above and below the Level 4 pool deck and above the Level 8 viewing terrace and community garden shall be broken up into sections no greater than 24 square feet in size by mullions or bird-safe glazing treatments.
- The planting plan needs to be prepared/modified so that (1) landscape vegetation with flowers and fruits, and (2) coast live oak trees are not included in any planted areas located immediately adjacent to (i.e., such that there is no pedestrian pathway between the vegetation and the glazing) untreated glazed areas (i.e., the 10% areas with untreated glazing).
- Exterior building fixtures that are not necessary for safety, building entrances, and circulation shall be automatically shut off from midnight until 6:00 a.m. Manual override capability may be provided for occasional after-hours use.
- Exterior uplighting shall be avoided in the project design.

In our professional opinion, with the implementation of this subset of measures from the EIR, substantial impacts on birds from collisions with the façades of the proposed building are not expected to occur, and the proposed building may qualify for exceptions to the EIR's requirements as indicated herein.

Please feel free to contact me at (408) 458-3246 or rcarle@aharveyecology.com or Steve Rottenborn at (408) 722-0931 or srottenborn@harveyecology.com, if you have any questions regarding this assessment. Thank you very much for contacting H. T. Harvey & Associates about this project.

Sincerely,

Robin Carle, M.S.
Senior Wildlife Ecologist/Project Manager

Attachments: Résumés

# Stephen C. Rottenborn, PhD
## Principal, Wildlife Ecology

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H. T. HARVEY & ASSOCIATES
Ecological Consultants

### Highlights

- Avian ecology
- Wetlands and riparian systems ecology
- Endangered Species Act consultations and compliance
- Environmental impact assessment
- Management of complex projects

### Education

PhD, Biological Sciences, Stanford University

BS, Biology, College of William and Mary

### Permits and Licenses

- USFWS 10(a)(1)(A) recovery permit, authorized to conduct surveys for snowy plover, California Ridgway's rail
- CDFW MOU to conduct broadcast surveys for California Ridgway's and black rail
- CDFW scientific collecting permit

### Professional Experience

*Principal,* H. T. Harvey & Associates, 1997–2000, 2004–present

*Ecology Section Chief/Environmental Scientist,* Wetland Studies and Solutions, Inc., 2000–04

*Independent Consultant,* 1989–97

### Memberships and Affiliations

*Chair*, California Bird Records Committee, 2016–present

*Member,* Board of Directors, Western Field Ornithologists, 2014–present

*Scientific Associate/Scientific Advisory Board,* San Francisco Bay Bird Observatory, 1999–2004, 2009–present

### Publications

Rottenborn, S. C. 2000. Nest-site selection and reproductive success of red-shouldered hawks in central California. Journal of Raptor Research 34:18-25.

Rottenborn, S. C. 1999. Predicting the impacts of urbanization on riparian bird communities. Biological Conservation 88:289-299.

*Complete list of publications available upon request.*

### Professional Profile

Dr. Steve Rottenborn is a principal in the Wildlife Ecology group at H. T. Harvey & Associates. He specializes in resolving issues related to special-status wildlife species and in meeting the wildlife-related requirements of federal and state environmental laws and regulations. Combining his research and training as a wildlife biologist and avian ecologist, Steve has built an impressive professional career that is highlighted by a particular interest in wetland and riparian communities, as well as the effects of human activities on bird populations and communities. Steve's experience extends to numerous additional special-status animal species. The breadth of his ecological training and project experience enables him to expertly manage multidisciplinary projects involving a broad array of biological issues.

He has contributed to more than 600 projects involving wildlife impact assessment, NEPA/CEQA documentation, biological constraints analysis, endangered species issues (including California and Federal Endangered Species Act consultations), permitting, and restoration. Steve has conducted surveys for a variety of wildlife taxa, including a number of threatened and endangered species, and contributes to the design of habitat restoration and monitoring plans. In his role as project manager and principal-in-charge for numerous projects, he has supervised data collection and analysis, report preparation, and agency and client coordination.

### Project Examples

Served as principal-in-charge of H. T. Harvey's work on all biological resources tasks for the **Envision San José 2040 General Plan Update** and its EIR.

Served as senior wildlife ecologist for the **Coyote Creek Trail Master Plan for the City of San José**.

Spearheaded **biological planning, permitting, and Federal Endangered Species Act consultation** for several large redevelopment projects involving both development and habitat restoration, including the Candlestick Point – Hunters Point Shipyard project, Alameda Point project, and Concord Reuse project.

Served as project manager or principal-in-charge for **more than 65 task orders for Santa Clara Valley Water District on-call projects.**

Served as **senior wildlife ecology expert on the South Bay Salt Pond restoration project** — the largest (~15,000-acre) restoration project of its kind in the western United States.

Serves as principal-in-charge for H. T. Harvey's work performing biological resources-related planning for the Santa Clara Valley Water District's seismic retrofit projects involving **Anderson, Calero, Guadalupe, and Almaden dams.**

# Robin J. Carle, MS

## Senior Wildlife Ecologist

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H. T. HARVEY & ASSOCIATES
Ecological Consultants

### Highlights

- Avian ecology
- Environmental impact assessments (NEPA/CEQA)
- Nesting bird surveys, monitoring, and deterrence
- Protocol-level surveys for burrowing owls and California Ridgeway's rails
- California red-legged frog and California tiger salamander surveys
- San Joaquin kit fox surveys
- San Francisco dusky-footed woodrat surveys and relocations

### Education

MS, Fish and Wildlife Management, Montana State University

BS, Ecology, Behavior, and Evolution, University of California, San Diego

### Permits and Licenses

USFWS 10(a)(1)(A) for the California tiger salamander

CDFW Scientific Collecting Permit for mammals, amphibians, reptiles, and vernal pool/terrestrial invertebrates

Listed under CDFW letter permits to assist with research on bats, California tiger salamanders, California Ridgeway's rails, and California black rails

### Professional Experience

*Senior wildlife ecologist*, H. T. Harvey & Associates, 2015–present

*Wildlife ecologist*, H. T. Harvey & Associates, 2007–2014

*Volunteer bird bander*, San Francisco Bay Bird Observatory, 2010–present

*Avian field technician*, West Virginia University, 2006

*Graduate teaching assistant*, Montana State University, 2003–2006

*Avian field technician*, Point Blue Conservation Science (formerly PRBO Conservation Science), 2004

### Professional Profile

Robin Carle is a wildlife ecologist and ornithologist at H. T. Harvey & Associates, with more than a decade of experience working in the greater San Francisco Bay Area. Her expertise is in the nesting ecology of passerine birds, and her graduate research focused on how local habitat features and larger landscape-level human effects combine to influence the nesting productivity of passerine birds in the Greater Yellowstone region.

With an in-depth knowledge of regulatory requirements for special-status species, Robin has contributed to all aspects of client projects, including NEPA/CEQA documentation, environmental impact assessments, habitat conservation plans, biological constraints analyses, special-status species surveys and documentation, and construction monitoring. Her strong understanding of CEQA and of the state and federal Endangered Species Acts allows her to prepare environmental documents that fully satisfy the regulatory requirements of the agencies that issue discretionary permits. In addition, Robin has spent hundreds of hours conducting surveys for nesting birds and burrowing owls for H. T. Harvey & Associates projects and has worked extensively with amphibians and mammals. Robin has conducted diurnal, nocturnal, and larval surveys for California tiger salamanders and California red-legged frogs; acoustic and visual surveys for roosting bats; surveys and nest resource relocations for San Francisco dusky-footed woodrats; den surveys for San Joaquin kit foxes and American badgers; trail camera surveys to document wildlife movement; and burrow-scoping surveys using fiber-optic orthoscopic cameras. She has been approved as a qualified biologist on numerous project-specific USFWS and CDFW permits to conduct biological monitoring and site surveys for state and federally protected wildlife species.

### Project Examples

Served as project manager for issues related to nesting birds for various **Stanford University** and **Stanford University Medical Center** construction projects from 2016–2017.

Served as project manager for the preparation of a NES and BA to facilitate FESA and CESA consultation for the **Highway 101 Pedestrian/Bicycle Overcrossing** project in Palo Alto, California from 2015–2017.

Prepared bird-safe design recommendations, compliance documentation, and/or bird-strike monitoring plans for the **Charleston East**, **Microsoft Silicon Valley Campus**, **1625 Plymouth**, and **Shashi Hotel** projects in Mountain View, California in 2016 and 2017.

Assisted with the preparation of a NES and BA to facilitate FESA and CESA consultation for the **Stevens Canyon Road Bridges** project, and served as project manager for all preconstruction surveys and construction monitoring work from 2015–2017.

# TREE SURVEY REPORT

## TASMAN EAST - THE HILL

2302-2314 CALLE DEL MUNDO (PARCEL 24)
2263 CALLE DEL MUNDO (PARCEL 60)
2303 CALLE DEL MUNDO (PARCEL 61)
SANTA CLARA, CALIFORNIA

**Submitted to:**

2263 Calle Del Mundo, LLC and Ensemble Real Estate Investments
444 W. Ocean Boulevard, Suite 650
Long Beach, CA 90802

**Prepared by:**

David L. Babby
*Registered Consulting Arborist® #399*
*Board-Certified Master Arborist® #WE-4001B*

April 12, 2019

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# EXHIBITS


| EXHIBIT | TITLE |
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| A | TREE INVENTORY TABLE (three sheets) |
| B | SITE MAPS (three sheets) |
| C | PHOTOGRAPHS (three sheets) |

# 1.0 INTRODUCTION

Redevelopment of the following three properties located in Santa Clara is being planned for the project titled "Tasman East - The Hill:" 2302-2314 Calle Del Mundo (APN 097-46-024), aka Parcel 24; 2263 Calle Del Mundo (APN 097-05-060), aka Parcel 60; and 2303 Calle Del Mundo (APN 097-05-061), aka Parcel 61. Parcels 60 and 61 are immediately adjacent to another, and Parcel 24 is directly across the street from 61. As part of the environmental review and project submittal, I have been retained by my client Calle Del Mundo, LLC and Ensemble Real Estate Investments to prepare this *Tree Survey Report*, and specific tasks assigned to execute are as follows:

- Visit the site, performed on 4/9/19, to identify 21 trees located either within the subject properties or along the adjoining street frontages.
- Determine each tree's trunk diameter at 54 inches above grade or where appropriate to best represent trunk size; all diameters are rounded to the nearest inch.
- Estimate each tree's height and average canopy spread (rounded to the nearest fifth).
- Ascertain each tree's health and structural integrity, and assign an overall condition rating (e.g. good, fair, poor or dead).
- Assign a suitability for preservation to each tree (e.g. high, moderate or low).
- Document any observed health, structural and/or surrounding hardscape issues.
- Obtain photographs; see Exhibit C.
- Identify trees which originate from the public right-of-way, and as such, are defined and regulated as street trees by Chapter 12.35 of the Santa Clara Municipal Code.
- Assign numbers in a sequential pattern from #76 thru 96, and affix round silver tags with corresponding engraved numbers to each accessible tree, to include all but #85 (and should not be confused with other tags, affixed by others, found on the trees).
- Show the trees' numbers and approximate trunk locations on copies of the *A.L.T.A. N.S.P.S. Land Title Survey* for each property. The surveys are dated 7/10/18 for Parcel 60, and 1/21/19 for Parcels 24 and 61 (all prepared by AllWest); see Exhibit B.
- Prepare this report containing the above information, and submit via email as a PDF document.

# 2.0 TREE COUNT AND COMPOSITION

Twenty-one (21) trees of nine various species were inventoried for this report. They are sequentially numbered as 76 thru 96, and their names, assigned numbers, counts and percentages are presented in the table below.

| NAME | TREE NUMBER(S) | COUNT | % OF TOTAL |
|---|---|---|---|
| Aleppo pine | 89 | 1 | 5% |
| Chinese pistache | 90-92 | 3 | 14% |
| Crape myrtle | 82, 83 | 2 | 10% |
| Evergreen pear | 96 | 1 | 5% |
| Green Vase Zelkova | 78 | 1 | 5% |
| London plane tree | 79, 80 | 2 | 10% |
| Mexican fan palm | 85 | 1 | 5% |
| Red Ironbark | 76 | 1 | 5% |
| Shamel ash | 77, 81, 84, 86-88, 93-95 | 9 | 43% |
| | **Total** | **21** | **100%** |

Specific information regarding each tree is presented within the table in Exhibit A. The trees' numbers and approximate locations can be viewed on the three site maps in Exhibit B, and photographs are presented in Exhibit C.

As illustrated in the above table, the project site is populated predominantly by Shamel ash, most all of which (except #84) are situated along the front of Parcels 60 and 61.

The trees' locations relative to each parcel are as follows:

- Parcel 24: #76.
- Parcel 60: #77 thru 85.
- Parcel 61: #86 thru 96.

Five (5) trees originate from within the public right-of-way and are defined and regulated as street trees pursuant to the Santa Clara City Code Chapter 12.35; they include #81, 87, 89, 91 and 93.

Two trees shown on the map for Parcel 61, near #91 and 92, are no longer there and should be omitted from the plan; see map in Exhibit B for their locations. I suspect those trees died or were removed for other reasons, and the three small Chinese pistache #90 thru 92 represent their mitigation replacements.

Trees #83, 90-92 and 95 are not shown on surveys provided to me. I have added their trunk locations to the respective site maps in Exhibit B, and note they represent only roughly approximate locations (versus surveyed ones).

All trees were planted, and can be regarded as non-native to the site.

# 3.0 SUITABILITY FOR TREE PRESERVATION

Each tree has been assigned either a "high," "moderate" or "low" suitability for preservation rating as a means to cumulatively measure its health; structural integrity; anticipated life span; remaining life expectancy; location; size; particular species; tolerance to construction impacts; growing space; and safety to property and persons within striking distance. Descriptions of these ratings are presented below, and the high category is comprised of no trees (or 0%), the moderate category 10 (or 48%), and the low category 11 (or 52%).

**High**: Applies to none.

These trees appear relatively healthy and structurally stable; have no apparent, significant health issues or structural defects; present a good potential for contributing long-term to the site; and seemingly require only periodic or regular care and monitoring to maintain their longevity and structural integrity.

**Moderate**: Applies to #76-78, 80, 82-85, 91 and 92.

These trees contribute to the site, but at levels less than those assigned a high suitability; might have health and/or structural issues which may or may not be reasonably addressed and properly mitigated; and frequent care is typically required for their remaining lifespan.

**Low**: Applies to #79, 81, 86-90 and 93-96.

These trees have significant health and/or structural issues expected to worsen regardless of tree care measures employed (i.e. beyond likely recovery). As a general guideline, they should be removed regardless of future redevelopment, and until such time occurs, should be proactively pruned and monitored to minimize their risk to targets below. Note, of these, the following eight should be immediately removed due to being dead or mostly dead, and overhanging or within striking distance of the street and/or parking lot: #87, 88 and 93.

# 4.0 ASSUMPTIONS AND LIMITING CONDITIONS

- All information presented herein covers only the inventoried trees, and reflects their size, condition, and areas viewed from the ground on 4/9/19.
- Observations were performed visually without probing, coring, dissecting or excavating.
- The documented condition and suitability for preservation of dormant trees are subject to change once they can be observed following regrowth of new leaves.
- The assignment pertains solely to trees listed in Exhibit A. I hold no opinion towards other trees on or surrounding the project area.
- I cannot provide a guarantee or warranty, expressed or implied, that deficiencies or problems of any trees or property in question may not arise in the future.
- No assurance can be offered that if all my recommendations and precautionary measures (verbal or in writing) are accepted and followed, that the desired results may be achieved.
- I cannot guarantee or be responsible for the accuracy of information provided by others.
- I assume no responsibility for the means and methods used by any person or company implementing the recommendations provided in this report.
- The information provided herein represents my opinion. Accordingly, my fee is in no way contingent upon the reporting of a specified finding, conclusion or value.
- Numbers shown on the site maps in Exhibit B are solely intended to represent a tree's approximate location, and those added by me do not represent surveyed points.
- This report is proprietary to me and may not be copied or reproduced in whole or part without prior written consent. It has been prepared for the sole and exclusive use of the parties to who submitted for the purpose of contracting services provided by David L. Babby.
- If any part of this report or copy thereof be lost or altered, the entire evaluation shall be invalid.

Prepared By: _____ Date: April 12, 2019

David L. Babby
*Registered Consulting Arborist® #399*
*Board-Certified Master Arborist® #WE-4001B*
*CA Licensed Tree Service Contractor #796763 (C61/D49)*

# EXHIBIT A:

# TREE INVENTORY TABLE

(three sheets)

# TREE INVENTORY TABLE

| TREE/ TAG NO. | LOT | TREE NAME | SIZE | | | CONDITION | | | Suitability for Preservation (High/Moderate/Low) | Street tree |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Trunk Diameter (in.) | Height (ft.) | Canopy Spread (ft.) | Health Condition (100%=Best, 0%=Worst) | Structural Integrity (100%=Best, 0%=Worst) | Overall Condition (Good/Fair/Poor/Dead) | | |
| **76** | 24 | Red Ironbark (*Eucalyptus sideroxylon*) | 35 | 55 | 45 | 60% | 40% | Fair | Moderate | |
| | | Comments: An abundant amount of elongated watersprouts comprise lower crown. Ivy along trunk and into crown. Trunk bifurcates at 4.5' high. | | | | | | | | |
| **77** | 60 | Shamel ash (*Fraxinus uhdei*) | 11 | 30 | 20 | 60% | 30% | Poor | Moderate | |
| | | Comments: Multiple leaders originate at 11' high. Deadwood and twig dieback. | | | | | | | | |
| **78** | 60 | Green Vase Zelkova (*Zelkova s* . 'Green Vase') | 10 | 25 | 25 | 60% | 60% | Fair | Moderate | |
| | | Comments: Codominant leaders originate 5.5' high. Typical form. Mostly dormant. | | | | | | | | |
| **79** | 60 | London Plane tree (*Platanus × hispanica*) | 8 | 35 | 35 | 40% | 30% | Poor | Low | |
| | | Comments: Sparse canopy with dieback. Entire tree leans south due to partially uprooting in past, evidenced by a slight mound along ground opposite lean. Branches grow against building. | | | | | | | | |
| **80** | 60 | London Plane tree (*Platanus × hispanica*) | 8 | 30 | 30 | 50% | 60% | Fair | Moderate | |
| | | Comments: Deadwood, including broken branch at bottom of canopy (overhanging street). Has a slight SE lean. Branches grow near building. | | | | | | | | |
| **81** | 60 | Shamel ash (*Fraxinus uhdei*) | 13 | 35 | 20 | 30% | 20% | Poor | Low | X |
| | | Comments: Crown's entire north side is mostly dead with large deadwood. Low canopy overhangs street. Ivy along trunk and buries entire its north side at grade. Has a large girdling root. Street curb cracked possibly by roots. | | | | | | | | |
| **82** | 60 | Crape myrtle (*Lagerstroemia indica*) | 3 | 15 | 10 | 60% | 30% | Poor | Moderate | |
| | | Comments: Branching begins 4' high. Buried root collar. Asymmetrical canopy. | | | | | | | | |
| **83** | 60 | Crape myrtle (*Lagerstroemia indica*) | 3 | 15 | 10 | 60% | 60% | Fair | Moderate | |
| | | Comments: Crowded-growing conditions at building's corner. Dormant. Branching begins at 4.5' high. Branches grow alongside building. Added to map. | | | | | | | | |

# TREE INVENTORY TABLE

| TREE/ TAG NO. | LOT | TREE NAME | SIZE | | | CONDITION | | | Suitability for Preservation (High/Moderate/Low) | Street tree |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Trunk Diameter (in.) | Height (ft.) | Canopy Spread (ft.) | Health Condition (100%=Best, 0%=Worst) | Structural Integrity (100%=Best, 0%=Worst) | Overall Condition (Good/Fair/Poor/Dead) | | |
| **84** | 60 | Shamel ash (*Fraxinus uhdei*) | 11 | 35 | 25 | 60% | 40% | Fair | Moderate | |
| | | Comments: Beneath high-voltage wires, and will ultimately be reduced in height. Vertical vase form. At rear of site, and phone and cable wires routed through canopy. History of limb failure. Multiple leaders originate at 6' high. | | | | | | | | |
| **85** | 60 | Mexican fan palm (*Washingtonia robusta*) | ~16 | 20 | 10 | 70% | 80% | Good | Moderate | |
| | | Comments: Inaccessible tree. Thatch to ground. Beneath high-voltage wires, and will ultimately require removal to maintain clearance (pruning of the apical meristem would occur, which for palms, results in their demise). | | | | | | | | |
| **86** | 61 | Shamel ash (*Fraxinus uhdei*) | 14 | 35 | 20 | 40% | 30% | Poor | Low | |
| | | Comments: Sparse, asymmetrical canopy growing away from #87. Multiple leaders originate at 8' high. Bark along southern leader is checking. Large deadwood. Along slope of berm. | | | | | | | | |
| **87** | 61 | Shamel ash (*Fraxinus uhdei*) | 19 | 50 | - | 0% | 0% | Dead | Low | X |
| | | Comments: Dead. Overhangs street. | | | | | | | | |
| **88** | 61 | Shamel ash (*Fraxinus uhdei*) | 26 | 50 | 10 | 0% | 0% | Dead | Low | |
| | | Comments: Mostly dead (95%). Excessive limb weight of what little foliage remains. Near top of berm. Branching begins 4' high. Large root mass grows parallel to parking lot curb, forming multiple cracks, and roots form short mounds in asphalt surface. | | | | | | | | |
| **89** | 61 | Aleppo pine (*Pinus halapensis*) | 30 | 45 | 45 | 30% | 30% | Poor | Low | X |
| | | Comments: Asymmetrical canopy with excessive limb weight. Base is 6' from water vault. Infected by Western gall rust. Declining, sparse canopy. | | | | | | | | |
| **90** | 61 | Chinese pistache (*Pistacia chinensis*) | 1 | 10 | 5 | 50% | 30% | Poor | Low | |
| | | Comments: Staked, including one from the nursery. Asymmetrical canopy. Has a large decaying wound at base. Added to map. | | | | | | | | |

# TREE INVENTORY TABLE

| TREE/ TAG NO. | LOT | TREE NAME | SIZE | | | CONDITION | | | Suitability for Preservation (High/Moderate/Low) | Street tree |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Trunk Diameter (in.) | Height (ft.) | Canopy Spread (ft.) | Health Condition (100%=Best, 0%=Worst) | Structural Integrity (100%=Best, 0%=Worst) | Overall Condition (Good/Fair/Poor/Dead) | | |
| **91** | 61 | Chinese pistache (*Pistacia chinensis*) | 1 | 10 | 5 | 60% | 30% | Poor | Moderate | X |
| | | Comments: Staked, unusually and poorly done. Buried root collar. Crowded-growing conditions beneath #89. Added to map. | | | | | | | | |
| **92** | 61 | Chinese pistache (*Pistacia chinensis*) | 1 | 10 | 5 | 70% | 50% | Fair | Moderate | |
| | | Comments: Staked, including one from nursery. Asymmetrical canopy. Added to map. | | | | | | | | |
| **93** | 61 | Shamel ash (*Fraxinus uhdei*) | 21 | 45 | - | 0% | 0% | Dead | Low | X |
| | | Comments: Dead. Along slope of berm and overhangs street. | | | | | | | | |
| **94** | 61 | Shamel ash (*Fraxinus uhdei*) | 15 | 35 | 30 | 40% | 40% | Poor | Low | |
| | | Comments: Sinuous crown. Large deadwood, including overhanging parking lot. Along slope of berm. Buttress root mass exposed along lot side. Lowest limb originates 4.5' high. | | | | | | | | |
| **95** | 61 | Shamel ash (*Fraxinus uhdei*) | 22 | 45 | 35 | 30% | 20% | Poor | Low | |
| | | Comments: Adjacent to light pole, branches growing around light. Adjacent to backflow preventer and water meter. Girdling roots along uphill side. Advanced decline with large deadwood and excessive limb weight. Sparse canopy. Added to map. | | | | | | | | |
| **96** | 61 | Evergreen pear (*Pyrus kawakamii*) | ~15 | 30 | 35 | 40% | 30% | Poor | Low | |
| | | Comments: Dense ivy along trunk. Adjacent to low-voltage vault, telephone vault and utility pole. Grows beneath high-voltage wires. Dieback and has an asymmetrical canopy. Multiple leaders originate at 6' high. | | | | | | | | |

# EXHIBIT B:

# SITE MAPS

(three sheets)

## Map Index

**Parcel 24** (sheet 1)**:** Tree #76

**Parcel 60** (sheet 2)**:** Trees #77 thru 85

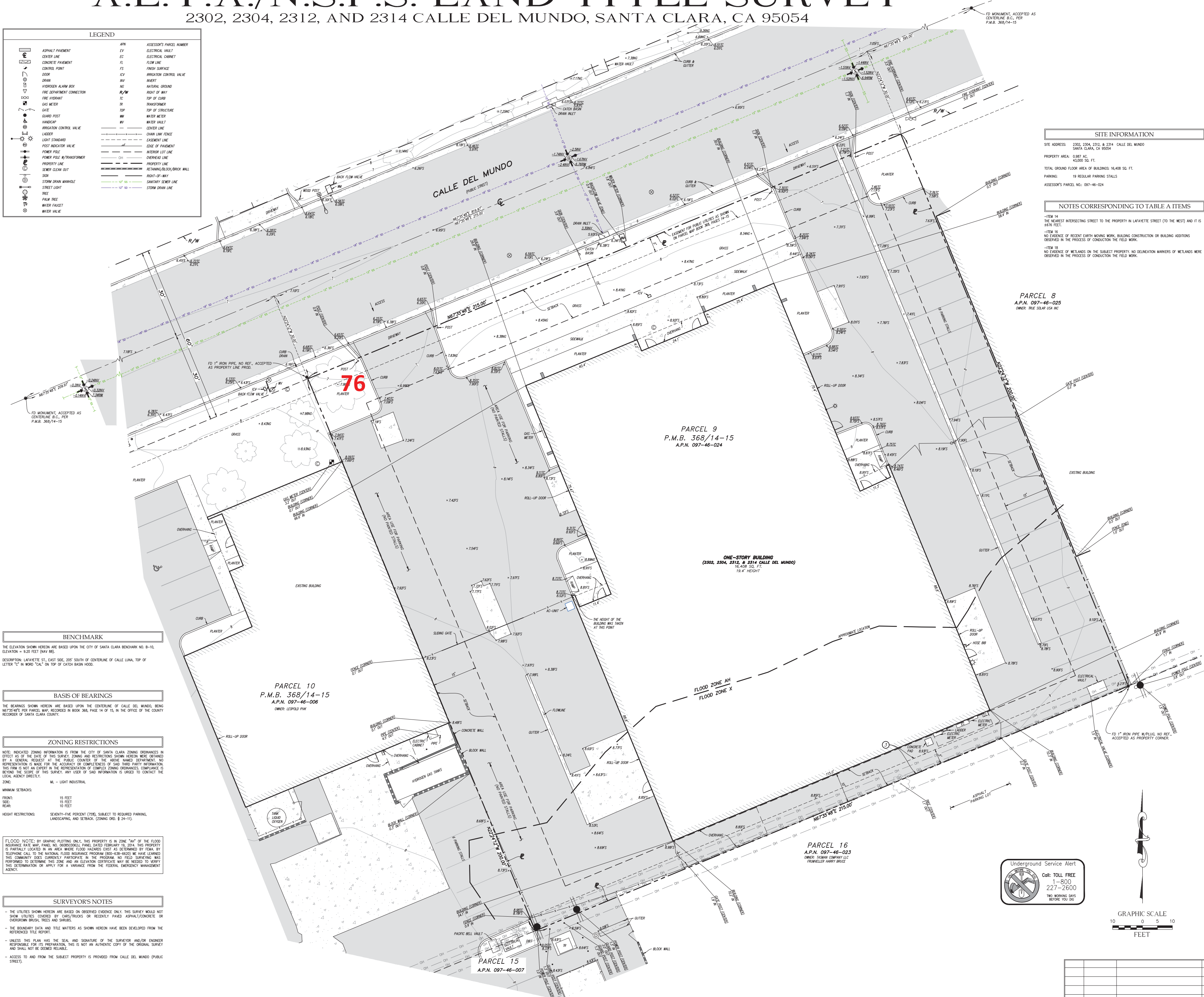
**Parcel 61** (sheet 3)**:** Trees #86 thru 96

# A.L.T.A./N.S.P.S. LAND TITLE SURVEY

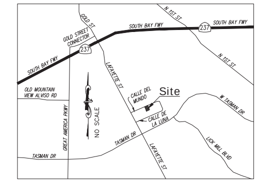
## 2302, 2304, 2312, AND 2314 CALLE DEL MUNDO, SANTA CLARA, CA 95054

### LEGEND

| | |
|---|---|
| ASPHALT PAVEMENT | APN — ASSESSOR'S PARCEL NUMBER |
| CENTER LINE | EV — ELECTRICAL VAULT |
| CONCRETE PAVEMENT | EC — ELECTRICAL CABINET |
| CONTROL POINT | FL — FLOW LINE |
| DOOR | FS — FINISH SURFACE |
| DRAIN | ICV — IRRIGATION CONTROL VALVE |
| HYDROGEN ALARM BOX | INV — INVERT |
| FIRE DEPARTMENT CONNECTION | NG — NATURAL GROUND |
| FIRE HYDRANT | R/W — RIGHT OF WAY |
| GAS METER | TC — TOP OF CURB |
| GATE | TR — TRANSFORMER |
| GUARD POST | TOP — TOP OF STRUCTURE |
| HANDICAP | WM — WATER METER |
| IRRIGATION CONTROL VALVE | WV — WATER VAULT |
| LADDER | CENTER LINE |
| LIGHT STANDARD | CHAIN LINK FENCE |
| POST INDICATOR VALVE | EASEMENT LINE |
| POWER POLE | EDGE OF PAVEMENT |
| POWER POLE W/TRANSFORMER | INTERIOR LOT LINE |
| PROPERTY LINE | OVERHEAD LINE |
| SEWER CLEAN OUT | PROPERTY LINE |
| SIGN | RETAINING/BLOCK/BRICK WALL |
| STORM DRAIN MANHOLE | RIGHT-OF-WAY |
| STREET LIGHT | SANITARY SEWER LINE |
| TREE | STORM DRAIN LINE |
| PALM TREE | |
| WATER FAUCET | |
| WATER VALVE | |




### VICINITY MAP




### SITE INFORMATION

SITE ADDRESS: 2302, 2304, 2312, & 2314 CALLE DEL MUNDO SANTA CLARA, CA 95054

PROPERTY AREA: 0.987 AC.
43,000 SQ. FT.

TOTAL GROUND FLOOR AREA OF BUILDINGS: 16,408 SQ. FT.

PARKING: 19 REGULAR PARKING STALLS

ASSESSOR'S PARCEL NO.: 097-46-024

### NOTES CORRESPONDING TO TABLE A ITEMS

-ITEM 14
THE NEAREST INTERSECTING STREET TO THE PROPERTY IN LAFAYETTE STREET (TO THE WEST) AND IT IS ±676 FEET.

-ITEM 16
NO EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS OBSERVED IN THE PROCESS OF CONDUCTION THE FIELD WORK.

-ITEM 18
NO EVIDENCE OF WETLANDS ON THE SUBJECT PROPERTY. NO DELINEATION MARKERS OF WETLANDS WERE OBSERVED IN THE PROCESS OF CONDUCTION THE FIELD WORK.

### LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF SANTA CLARA, COUNTY OF SANTA CLARA, STATE OF CALIFORNIA AND IS DESCRIBED AS FOLLOWS:

PARCEL 9, AS SHOWN ON THAT CERTAIN MAP FILED ON FEBRUARY 27, 1976 IN BOOK 368 OF MAPS, AT PAGES 14 AND 15 IN THE SANTA CLARA COUNTY RECORDS.

### NOTES CORRESPONDING TO SCHEDULE B ITEMS

BASED UPON TITLE REPORT NO. FWPS-TO18001417-MC, DATED DECEMBER 12, 2018 AS PREPARED BY CHICAGO TITLE COMPANY.

1. THE LIEN OF SUPPLEMENTAL OR ESCAPED ASSESSMENTS OF PROPERTY TAXES, IF ANY, MADE PURSUANT TO THE PROVISIONS OF CHAPTER 3.5 (COMMENCING WITH SECTION 75) OR PART 2, CHAPTER 3, ARTICLES 3 AND 4, RESPECTIVELY, OF THE REVENUE AND TAXATION CODE OF THE STATE OF CALIFORNIA AS A RESULT OF THE TRANSFER OF TITLE TO THE VESTEE NAMED IN SCHEDULE A OR AS A RESULT OF CHANGES IN OWNERSHIP OR NEW CONSTRUCTION OCCURRING PRIOR TO DATE OF POLICY. **(NOT A SURVEY MATTER)**

2. COVENANTS, CONDITIONS AND RESTRICTIONS BUT OMITTING ANY COVENANTS OR RESTRICTIONS, IF ANY, INCLUDING BUT NOT LIMITED TO THOSE BASED UPON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, FAMILIAL STATUS, MARITAL STATUS, DISABILITY, HANDICAP, NATIONAL ORIGIN, ANCESTRY, SOURCE OF INCOME, GENDER, GENDER IDENTITY, GENDER EXPRESSION, MEDICAL CONDITION OR GENETIC INFORMATION, AS SET FORTH IN APPLICABLE STATE OR FEDERAL LAWS, EXCEPT TO THE EXTENT THAT SAID COVENANT OR RESTRICTION IS PERMITTED BY APPLICABLE LAW, AS SET FORTH IN THE DOCUMENT RECORDED MAY 13, 1976 AS INSTRUMENT BOOK C020, PAGE 583, OF OFFICIAL RECORDS SAID COVENANTS, CONDITIONS AND RESTRICTIONS PROVIDE THAT A VIOLATION THEREOF SHALL NOT DEFEAT THE LIEN OF ANY MORTGAGE OR DEED OF TRUST MADE IN GOOD FAITH AND FOR VALUE. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED JUNE 24, 1996 AS BOOK P387, PAGE 1054, INSTRUMENT NO. 13342313, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED JANUARY 23, 1997 AS INSTRUMENT NO. 13586828, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED DECEMBER 27, 2013 AS INSTRUMENT NO. 22482528, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED DECEMBER 27, 2013 AS INSTRUMENT NO. 22482529, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED DECEMBER 27, 2013 AS INSTRUMENT NO. 22482530, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED DECEMBER 27, 2013 AS INSTRUMENT NO. 22482531, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED DECEMBER 27, 2013 AS INSTRUMENT NO. 22482532, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED NOVEMBER 24, 2014 AS INSTRUMENT NO. 22781730, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED NOVEMBER 24, 2014 AS INSTRUMENT NO. 22781731, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED APRIL 9, 2015 AS INSTRUMENT NO. 22912967, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED APRIL 9, 2015 AS INSTRUMENT NO. 22912968, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED JULY 21, 2015 AS INSTRUMENT NO. 23025241, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED AUGUST 20, 2015 AS INSTRUMENT NO. 23058937, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED AUGUST 27, 2015 AS INSTRUMENT NO. 23064457, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED MARCH 10, 2016 AS INSTRUMENT NO. 23241039, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED MARCH 17, 2016 AS INSTRUMENT NO. 23247411, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED APRIL 18, 2016 AS INSTRUMENT NO. 23279416, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED NOVEMBER 15, 2016 AS INSTRUMENT NO. 23499701, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED JANUARY 19, 2017 AS INSTRUMENT NO. 23561860, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED FEBRUARY 9, 2017 AS INSTRUMENT NO. 23579576, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED FEBRUARY 10, 2017 AS INSTRUMENT NO. 23580405, OF OFFICIAL RECORDS. **(NOT A SURVEY MATTER)**

(3) AN EASEMENT FOR PUBLIC UTILITIES GRANTED TO THE CITY OF SANTA CLARA, RECORDED OCTOBER 5, 1976 AS BOOK C326, PAGE 451, INSTRUMENT NO. 5431558, OF OFFICIAL RECORDS.

4. A DEED OF TRUST. **(NOT A SURVEY MATTER)**

5. AN ASSIGNMENT OF ALL MONEYS DUE, OR TO BECOME DUE AS RENTAL OR OTHERWISE FROM SAID LAND, TO SECURE PAYMENT OF AN INDEBTEDNESS, SHOWN BELOW AND UPON THE TERMS AND CONDITIONS THEREIN RECORDED JUNE 7, 2013 AS INTRUMENT NO. 22254375, OF OFFICIAL RECORDS. **(NOT A SURVEY MATTER)**

6. A DEED OF TRUST. **(NOT A SURVEY MATTER)**

7. ANY RIGHTS OF THE PARTIES IN POSSESSION OF A PORTION OF, OR ALL OF, SAID LAND, WHICH RIGHTS ARE NOT DISCLOSED BY THE PUBLIC RECORDS. THE COMPANY WILL REQUIRE, FOR REVIEW, A FULL AND COMPLETE COPY OF ANY UNRECORDED AGREEMENT, CONTRACT, LICENSE AND/OR LEASE, TOGETHER WITH ALL SUPPLEMENTS, ASSIGNMENTS AND AMENDMENTS THERETO, BEFORE ISSUING ANY POLICY OF TITLE INSURANCE WITHOUT EXCEPTING THIS ITEM FROM COVERAGE. THE COMPANY RESERVES THE RIGHT TO EXCEPT ADDITIONAL ITEMS AND/OR MAKE ADDITIONAL REQUIREMENTS AFTER REVIEWING SAID DOCUMENTS. **(NOT A SURVEY MATTER)**

8. MATTERS WHICH MAY BE DISCLOSED BY AN INSPECTION AND/OR BY A CORRECT ALTA/NSPS LAND TITLE SURVEY OF SAID LAND THAT IS SATISFACTORY TO THE COMPANY, AND/OR BY INQUIRY OF THE PARTIES IN POSSESSION THEREOF. **(NOT A SURVEY MATTER)**

9. THE COMPANY WILL REQUIRE AN ALTA/NSPS LAND TITLE SURVEY. IF THE OWNER OF THE LAND THE SUBJECT OF THIS TRANSACTION IS IN POSSESSION OF A CURRENT ALTA/NSPS LAND TITLE SURVEY, THE COMPANY WILL REQUIRE THAT SAID SURVEY BE SUBMITTED FOR REVIEW AND APPROVAL; OTHERWISE, A NEW SURVEY, SATISFACTORY TO THE COMPANY, MUST BE PREPARED BY A LICENSED LAND SURVEYOR AND SUPPLIED TO THE COMPANY PRIOR TO THE CLOSE OF ESCROW. THE COMPANY RESERVES THE RIGHT TO ADD ADDITIONAL ITEMS OR MAKE FURTHER REQUIREMENTS AFTER REVIEW OF THE REQUESTED DOCUMENTATION. **(NOT A SURVEY MATTER)**

10. BEFORE ISSUING ITS POLICY OF TITLE INSURANCE, THE COMPANY WILL REQUIRE, FOR RECORDING, A CERTIFIED COPY OF THE STATEMENT OF PARTNERSHIP AUTHORITY (GP-1) FILED WITH THE CALIFORNIA SECRETARY OF STATE CONTAINING THE FOLLOWING ELEMENTS IN ACCORDANCE WITH CORPORATIONS CODE SECTION 16105:

a. THE NAME OF THE PARTNERSHIP
b. THE STREET ADDRESS OF ITS CHIEF EXECUTIVE OFFICE AND ONE OFFICE LOCATED IN THE STATE OF CALIFORNIA, IF ANY
c. THE NAMES AND MAILING ADDRESSES OF ALL OF THE PARTNERS OR OF AN AGENT APPOINTED AND MAINTAINED BY THE PARTNERSHIP
d. THE NAMES OF THE PARTNERS AUTHORIZED TO EXECUTE AN INSTRUMENT TRANSFERRING REAL PROPERTY HELD IN THE NAME OF THE PARTNERSHIP
e. THE DOCUMENT MUST BE SIGNED BY AT LEAST TWO OF THE PARTNERS AND ACCOMPANIED BY A DECLARATION UNDER PENALTY OF PERJURY THAT THE CONTENTS ARE ACCURATE

THE COMPANY RESERVES THE RIGHT TO ADD ADDITIONAL ITEMS OR MAKE FURTHER REQUIREMENTS AFTER REVIEW OF THE REQUESTED DOCUMENTATION. **(NOT A SURVEY MATTER)**

11. THE COMPANY WILL REQUIRE THAT AN OWNER'S AFFIDAVIT BE COMPLETED BY THE PARTY(S) NAMED BELOW BEFORE THE ISSUANCE OF ANY POLICY OF TITLE INSURANCE. PARTY(IES): THE VESTEE(S) SHOWN HEREIN.

THE COMPANY RESERVES THE RIGHT TO ADD ADDITIONAL ITEMS OR MAKE FURTHER REQUIREMENTS AFTER REVIEW OF THE REQUESTED AFFIDAVIT. **(NOT A SURVEY MATTER)**

12. THE TRANSACTION CONTEMPLATED IN CONNECTION WITH THIS REPORT IS SUBJECT TO THE REVIEW AND APPROVAL OF THE COMPANY'S CORPORATE UNDERWRITING DEPARTMENT. THE COMPANY RESERVES THE RIGHT TO ADD ADDITIONAL ITEMS OR MAKE FURTHER REQUIREMENTS AFTER SUCH REVIEW. **(NOT A SURVEY MATTER)**

### BENCHMARK

THE ELEVATION SHOWN HEREON ARE BASED UPON THE CITY OF SANTA CLARA BENCHARK NO. B-10, ELEVATION = 9.20 FEET (NAV 88).

DESCRIPTION: LAFAYETTE ST., EAST SIDE, 205' SOUTH OF CENTERLINE OF CALLE LUNA, TOP OF LETTER "C" IN WORD "CAL" ON TOP OF CATCH BASIN HOOD.

### BASIS OF BEARINGS

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CENTERLINE OF CALLE DEL MUNDO, BEING N67°35'48"E PER PARCEL MAP, RECORDED IN BOOK 368, PAGE 14 OF 15, IN THE OFFICE OF THE COUNTY RECORDER OF SANTA CLARA COUNTY.

### ZONING RESTRICTIONS

NOTE: INDICATED ZONING INFORMATION IS FROM THE CITY OF SANTA CLARA ZONING ORDINANCES IN EFFECT AS OF THE DATE OF THIS SURVEY. ZONING AND RESTRICTIONS SHOWN HEREON WERE OBTAINED BY A GENERAL REQUEST AT THE PUBLIC COUNTER OF THE ABOVE NAMED DEPARTMENT. NO REPRESENTATION IS MADE FOR THE ACCURACY OR COMPLETENESS OF SAID THIRD PARTY INFORMATION. THIS FIRM IS NOT AN EXPERT IN THE REPRESENTATION OF COMPLEX ZONING ORDINANCES. COMPLIANCE IS BEYOND THE SCOPE OF THIS SURVEY. ANY USER OF SAID INFORMATION IS URGED TO CONTACT THE LOCAL AGENCY DIRECTLY.

ZONING: ML – LIGHT INDUSTRIAL

MINIMUM SETBACKS:

FRONT: 15 FEET
SIDE: 15 FEET
REAR: 10 FEET

HEIGHT RESTRICTIONS: SEVENTY-FIVE PERCENT (75%), SUBJECT TO REQUIRED PARKING, LANDSCAPING, AND SETBACK. (ZONING ORD. § 24-11).

FLOOD NOTE: BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE "AH" OF THE FLOOD INSURANCE RATE MAP, PANEL NO. 06085C0062J, PANEL DATED FEBRUARY 19, 2014. THIS PROPERTY IS PARTIALLY LOCATED IN AN AREA WHERE FLOOD HAZARDS EXIST AS DETERMINED BY FEMA. BY TELEPHONE CALL TO THE NATIONAL FLOOD INSURANCE PROGRAM (800-638-6620) WE HAVE LEARNED THIS COMMUNITY DOES CURRENTLY PARTICIPATE IN THE PROGRAM. NO FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS ZONE AND AN ELEVATION CERTIFICATE MAY BE NEEDED TO VERIFY THIS DETERMINATION OR APPLY FOR A VARIANCE FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

### SURVEYOR'S NOTES

- THE UTILITIES SHOWN HEREON ARE BASED ON OBSERVED EVIDENCE ONLY. THIS SURVEY WOULD NOT SHOW UTILITIES COVERED BY CARS/TRUCKS OR RECENTLY PAVED ASPHALT/CONCRETE OR OVERGROWN BRUSH, TREES AND SHRUBS.
- THE BOUNDARY DATA AND TITLE MATTERS AS SHOWN HEREON HAVE BEEN DEVELOPED FROM THE REFERENCED TITLE REPORT.
- UNLESS THIS PLAN HAS THE SEAL AND SIGNATURE OF THE SURVEYOR AND/OR ENGINEER RESPONSIBLE FOR ITS PREPARATION, THIS IS NOT AN AUTHENTIC COPY OF THE ORIGINAL SURVEY AND SHALL NOT BE DEEMED RELIABLE.
- ACCESS TO AND FROM THE SUBJECT PROPERTY IS PROVIDED FROM CALLE DEL MUNDO (PUBLIC STREET).

### POSSIBLE ENCROACHMENT NOTES

NO APPARENT ENCROACHMENTS

Underground Service Alert
Call: TOLL FREE
1-800 227-2600
TWO WORKING DAYS BEFORE YOU DIG

GRAPHIC SCALE
10 0 5 10
FEET

### SURVEYOR'S CERTIFICATE

TO CALLE DEL MUNDO PARTNERS, A CALIFORNIA GENERAL PARTNERSHIP, CHICAGO TITLE COMPANY:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 5, 6(b), 7(a), 7(b)(1), 7(c), 8, 9, 10(a), 11(VISIBLE EVIDENCE ONLY), 13, 14, 16 AND 18 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON DECEMBER 27, 2018.

DATE OF PLAT OR MAP: JANUARY 21, 2019.

LICENSED LAND SURVEYOR Armando D. DuPont L.S. 7780 Exp. 12-31-19 STATE OF CALIFORNIA

Armando D. DuPont
Registration No. 7780
in the State of California

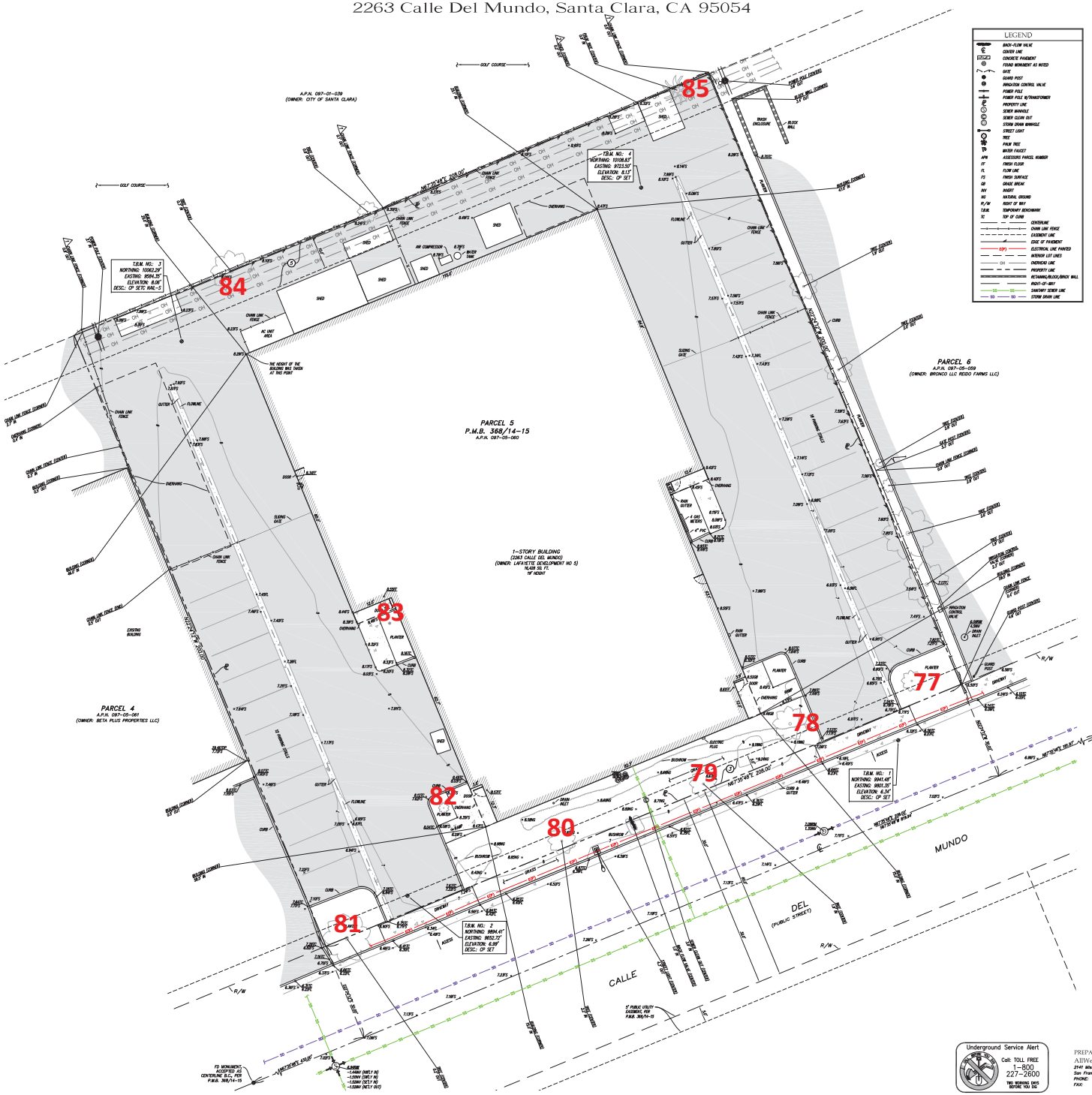
| NO. | DATE | REVISIONS | BY |
|---|---|---|---|

ALLWEST
2141 Mission Street, Suite 100
San Francisco, Ca. 94110
(415) 391-2510
PROJECT 18T043.94

DATE: JANUARY 21, 2019_DM/SC SHEET 1 OF 1

# A.L.T.A./N.S.P.S. LAND TITLE SURVEY

2263 Calle Del Mundo, Santa Clara, CA 95054




## LEGEND

- BACK-FLOW VALVE
- CENTER LINE
- CONCRETE PAVEMENT
- FOUND MONUMENT AS NOTED
- GATE
- GUARD POST
- IRRIGATION CONTROL VALVE
- POWER POLE
- POWER POLE W/TRANSFORMER
- PROPERTY LINE
- SEWER MANHOLE
- SEWER CLEAN OUT
- STORM DRAIN MANHOLE
- STREET LIGHT
- TREE
- PALM TREE
- WATER FAUCET
- APN ASSESSORS PARCEL NUMBER
- FF FINISH FLOOR
- FL FLOW LINE
- FS FINISH SURFACE
- GB GRADE BREAK
- INV INVERT
- NG NATURAL GROUND
- R/W RIGHT OF WAY
- T.B.M. TEMPORARY BENCHMARK
- TC TOP OF CURB
- CENTERLINE
- CHAIN LINK FENCE
- EASEMENT LINE
- EDGE OF PAVEMENT
- (EP) ELECTRICAL LINE PAINTED
- INTERIOR LOT LINES
- OVERHEAD LINE
- PROPERTY LINE
- RETAINING/BLOCK/BRICK WALL
- RIGHT-OF-WAY
- SS SANITARY SEWER LINE
- SD STORM DRAIN LINE

## LEGAL DESCRIPTION

REAL PROPERTY IN THE CITY OF SANTA CLARA, COUNTY OF SANTA CLARA, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

PARCEL 5, AS SHOWN ON THAT CERTAIN PARCEL MAP FILED ON FEBRUARY 27, 1976 IN BOOK 368 OF MAPS, AT PAGES 14 AND 15 IN THE SANTA CLARA COUNTY RECORDS.

APN: 097-05-060

## NOTES CORRESPONDING TO SCHEDULE B ITEMS

BASED UPON TITLE REPORT NO. NCS-909022-SC, DATED MAY 24, 2018 AS PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY:

1. GENERAL AND SPECIAL TAXES AND ASSESSMENTS FOR THE FISCAL YEAR 2018-2019, A LIEN NOT YET DUE OR PAYABLE.
2. THE LIEN OF SUPPLEMENTAL TAXES, IF ANY, ASSESSED PURSUANT TO CHAPTER 3.5 COMMENCING WITH SECTION 75 OF THE CALIFORNIA REVENUE AND TAXATION CODE.
3. (3) AN EASEMENT FOR PUBLIC UTILITY AND INCIDENTAL PURPOSES IN THE DOCUMENT RECORDED DECEMBER 28, 1972 AS BOOK 0968, PAGE 323 OF OFFICIAL RECORDS (PLOTTED HEREON).
4. MATTERS IN A DOCUMENT ENTITLED "DECLARATION OF COVENANTS CONDITIONS AND RESTRICTIONS FOR LAFAYETTE INDUSTRIAL PARK", RECORDED MAY 13, 1976 AS BOOK 0203, PAGE 583 OF OFFICIAL RECORDS.

   AMENDMENT OF DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR LAFAYETTE INDUSTRIAL PARK RECORDED JUNE 24, 1986 AS INSTRUMENT NO. 13242313, IN BOOK P.200, PAGE 1054, JANUARY 23, 1987 AS INSTRUMENT NO. 13386828 AND AUGUST 25, 2015 AS INSTRUMENT NO. 23508907, ALL OF OFFICIAL RECORDS.

   SECOND AMENDMENT OF DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR LAFAYETTE INDUSTRIAL PARK RECORDED JUNE 24, 1986 AS INSTRUMENT NO. 13242314, IN BOOK P.200, PAGE 1056, JANUARY 23, 1987 AS INSTRUMENT NO. 13386829 (EXHIBIT "A"), JANUARY 23, 1987 AS INSTRUMENT NO. 13386830 (EXHIBIT "B") AND 23408224, NOVEMBER 24, 2014 AS INSTRUMENT NOS. 22787730 AND 22787731, APRIL 6, 2015 AS INSTRUMENT NOS. 23063867 AND 23063868, JULY 21, 2015 AS INSTRUMENT NO. 23425041, AUGUST 20, 2015 AS INSTRUMENT NO. 23508889 AND AUGUST 27, 2015 AS INSTRUMENT NO. 23504427, ALL OF OFFICIAL RECORDS.

   THIRD AMENDMENT OF DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR LAFAYETTE INDUSTRIAL PARK RECORDED JUNE 24, 1986 AS INSTRUMENT NO. 13242315, IN BOOK P.200, PAGE 1058, INSTRUMENT NO. 23327441, APRIL 16, 2015 AS INSTRUMENT NO. 23327444, NOVEMBER 15, 2016 AS INSTRUMENT NO. 23948704, AS JANUARY 19, 2017 AS INSTRUMENT NO. 23984966, AS FEBRUARY 09, 2017, AS INSTRUMENT NO. 23976874 AND FEBRUARY 15, 2017 AS INSTRUMENT NO. 23984965, ALL OF OFFICIAL RECORDS.
5. (5) AN EASEMENT FOR OVERHEAD AND/OR UNDERGROUND ELECTRIC SYSTEMS, WIRE CLEARANCE AND INCIDENTAL PURPOSES, RECORDED OCTOBER 05, 1978 AS BOOK 1336, PAGE 451 OF OFFICIAL RECORDS (PLOTTED HEREON).
6. ADDITIONAL MATTERS, IF ANY, FOLLOWING REVIEW BY THE COMPANY'S WATERWAYS AND BOUNDARIES UNDERWRITERS.
7. RIGHTS OF PARTIES IN POSSESSION.

## POSSIBLE ENCROACHMENT NOTES

THIS IS A LISTING OF OBSERVED IMPROVEMENTS THAT CROSS PROPERTY LINES. STATEMENT OF OWNERSHIP OR POSSESSION IS NOT THE INTENT OF THIS LISTING.

1. CHAIN LINK FENCE OVERLAPS THE NORTHWESTERLY PROPERTY LINE
2. SHED CORNER OVERLAPS THE NORTHWESTERLY PROPERTY LINE

## BASIS OF BEARINGS

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CENTER LINE OF CALLE DEL MUNDO, BEING N67°35'40"E PER PARCEL MAP, RECORDED IN BOOK 368, PAGE 14 AND 15, IN THE OFFICE OF THE COUNTY RECORDER OF SANTA CLARA COUNTY.

## BENCH MARK

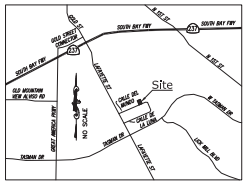
THE ELEVATIONS SHOWN HEREON ARE BASED UPON THE CITY OF SANTA CLARA BENCHMARK NO. B-16, ELEVATION = 9.30 FEET (NAVD 88).

DESCRIPTION: LAFAYETTE ST., EAST SIDE, 20' SOUTH OF CENTERLINE OF CALLE LUNA, TOP OF LETTER "C" IN WORD "CAL" ON TOP OF CATCH BASIN HOOD.

## UTILITY STATEMENT

THE UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON SURFACE MARKINGS PROVIDED BY A DEPARTMENT QUALIFIED VENDOR. THE COMPANY MAKES NO GUARANTEE, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OF SAID SURFACE MARKINGS OR THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. LACKING EXCAVATION/POTHOLING, THE EXACT LOCATION OF THE UNDERGROUND UTILITIES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT EXCAVATION/POTHOLING MAY BE NECESSARY.

## VICINITY MAP




## SITE INFORMATION

SITE ADDRESS: 2263 CALLE DEL MUNDO, SANTA CLARA, CA 95054 SANTA CLARA COUNTY

AREA: 0.855 AC. 41,600 SQ. FT.

TOTAL GROUND FLOOR AREA OF BUILDING: 16,438 SQ. FT.

PARKING: 30 REGULAR PARKING STALLS 30 TOTAL PARKING STALLS

ASSESSOR'S PARCEL NO.: 097-05-060

## ZONING RESTRICTIONS

NOTE: INDICATED ZONING INFORMATION IS FROM THE CITY OF SANTA CLARA ZONING ORDINANCES IN EFFECT AS OF THE DATE OF THIS SURVEY. ZONING AND RESTRICTIONS SHOWN HEREON WERE OBTAINED BY A GENERAL REQUEST AT THE PUBLIC COUNTER OF THE ABOVE NAMED DEPARTMENT. NO REPRESENTATION IS MADE FOR THE ACCURACY OR COMPLETENESS OF SAID THIRD PARTY INFORMATION. THIS FIRM IS NOT AN EXPERT IN THE REPRESENTATION OF COMPLEX ZONING ORDINANCES. COMPLIANCE IS BEYOND THE SCOPE OF THIS SURVEY. ANY USER OF SAID INFORMATION IS URGED TO CONTACT THE LOCAL AGENCY DIRECTLY.

ZONE: B - PUBLIC OR QUASI PUBLIC

MINIMUM SETBACKS: FRONT: 15 FEET
SIDE: 15 FEET
REAR: 15 FEET

HEIGHT RESTRICTIONS: NOT SPECIFIED

FLOOD NOTE: BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE "AH" OF THE FLOOD INSURANCE RATE MAP, PANEL NO. 06085C0061J, PANEL DATED 2/9/2014. THIS PROPERTY IS LOCATED IN AN AREA WHERE FLOOD HAZARDS EXIST AS DETERMINED BY FEMA. BY TELEPHONE CALL TO THE NATIONAL FLOOD INSURANCE PROGRAM (800-638-6620) WE HAVE LEARNED THIS COMMUNITY DOES CURRENTLY PARTICIPATE IN THE PROGRAM. NO FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS ZONE AND AN ELEVATION CERTIFICATE MAY BE NEEDED TO VERIFY THIS DETERMINATION OR APPLY FOR A VARIANCE FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

## NOTES

- NO EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS OBSERVED IN THE PROCESS OF CONDUCTING THE FIELD WORK.
- NO EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS OBSERVED IN THE PROCESS OF CONDUCTING THE FIELD WORK.
- THE UTILITIES SHOWN HEREON ARE BASED ON OBSERVED EVIDENCE ONLY. THIS SURVEY WOULD NOT SHOW UTILITIES COVERED BY CARS/TRUCKS OR RECENTLY PAVED ASPHALT/CONCRETE OR OVERGROWN BRUSH, TREES AND SHRUBS.
- THE BOUNDARY DATA AND TITLE MATTERS AS SHOWN HEREON HAVE BEEN DEVELOPED FROM THE REFERENCED TITLE REPORT.
- UNLESS THIS PLAN HAS THE SEAL AND SIGNATURE OF THE SURVEYOR AND/OR ENGINEER RESPONSIBLE FOR ITS PREPARATION, THIS IS NOT AN AUTHENTIC COPY OF THE ORIGINAL SURVEY AND SHALL NOT BE DEEMED RELIABLE.

## SURVEYOR'S CERTIFICATE

TO LAFAYETTE DEVELOPMENT NO. 5, A GENERAL PARTNERSHIP AND FIRST AMERICAN TITLE INSURANCE COMPANY:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 5, 6(a), 7(a), 7(b)(1), 7(c), 8, 9, 16(a), 17, 13, 14, 18 AND 17 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON JUNE 25, 2018.

DATE OF PLAT OR MAP: JULY 10, 2018

Armando D. DuPont
Registration No. 7760
in the State of California
CALVADA No. 18873

Underground Service Alert
Call: TOLL FREE
1-800
227-2600
48 HOURS PRIOR TO YOU DIG

PREPARED FOR:
AllWest
2141 Mission Street, Suite 100
San Francisco, CA 94110
PHONE: 415-391-2510
FAX: 415-391-2008

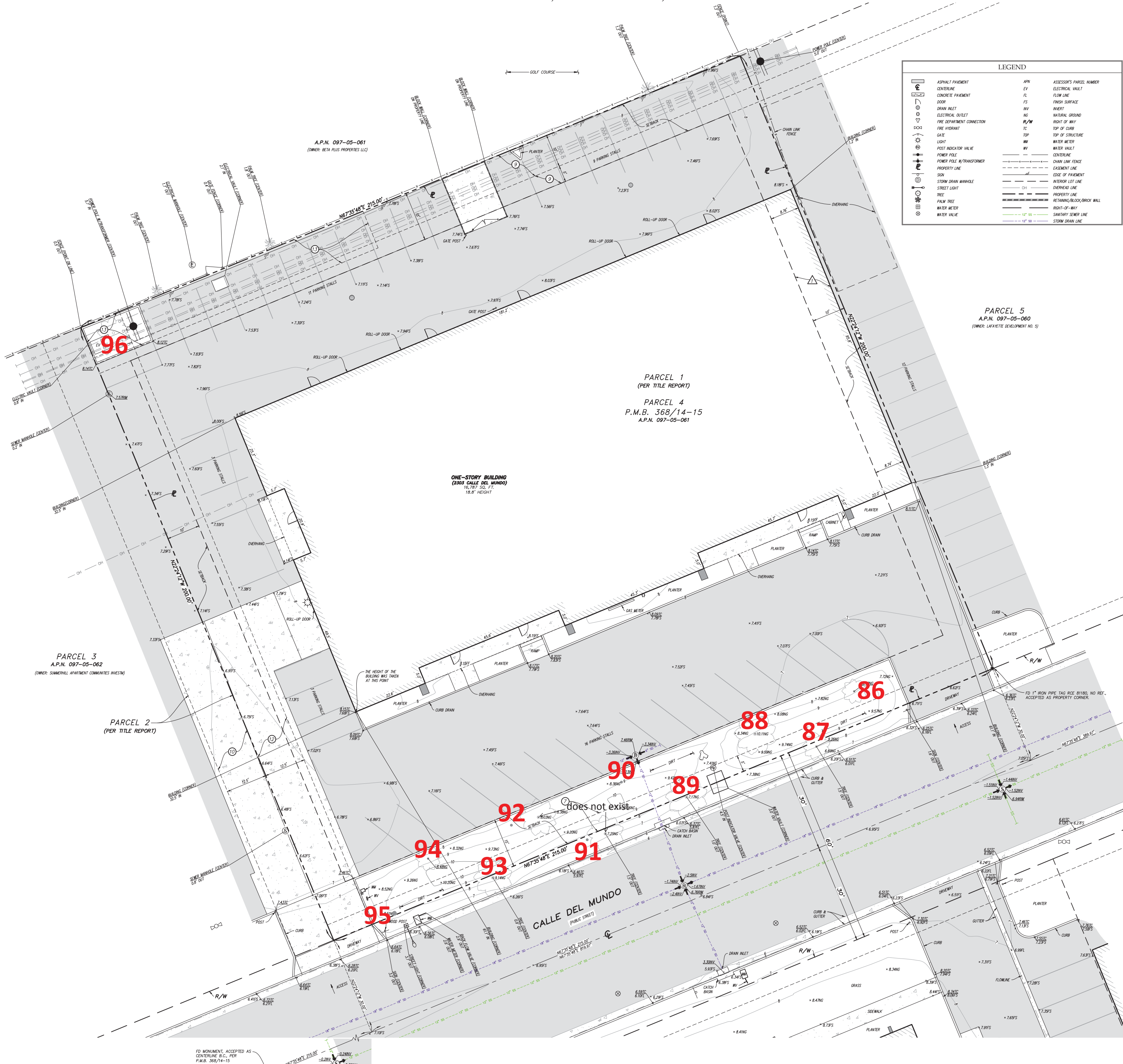
| NO. | DATE | REVISIONS | BY |
|---|---|---|---|

AllWest
2141 Mission Street, Suite 100
San Francisco, Ca. 94110
(415) 391-2510

DATE: JULY 10 2018_CE SHEET 1 OF 1

# A.L.T.A./N.S.P.S. LAND TITLE SURVEY

2303 Calle Del Mundo, Santa Clara, Ca 95054




## BASIS OF BEARINGS

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CENTERLINE OF CALLE DEL MUNDO, BEING N67°35'48"E PER PARCEL MAP, FILED IN BOOK 368, PAGE 14 OF 15, IN THE OFFICE OF THE COUNTY RECORDER OF SANTA CLARA COUNTY.

## BENCHMARK

THE ELEVATION SHOWN HEREON ARE BASED UPON THE CITY OF SANTA CLARA BENCHMARK NO. B-10, ELEVATION = 9.20 FEET (NAV 88).

DESCRIPTION: LAFAYETTE ST., EAST SIDE, 205' SOUTH OF CENTERLINE OF CALLE LUNA, TOP OF LETTER "C" IN WORD "CAL" ON TOP OF CATCH BASIN HOOD.

## SITE INFORMATION

SITE ADDRESS: 2303 CALLE DEL MUNDO
SANTA CLARA, CA 95054

PROPERTY AREA: 0.987 AC.
43,000 SQ. FT.

TOTAL GROUND FLOOR AREA OF BUILDINGS: 16,787 SQ. FT.

PARKING: 42 REGULAR PARKING STALLS
42 TOTAL PARKING STALLS

ASSESSOR'S PARCEL NO.: 097-05-061

## NOTES CORRESPONDING TO TABLE A ITEMS

-ITEM 14
THE NEAREST INTERSECTING STREET TO THE PROPERTY IN LAFAYETTE STREET (TO THE WEST) AND IT IS ±681 FEET.

-ITEM 16
NO EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS OBSERVED IN THE PROCESS OF CONDUCTION THE FIELD WORK.

-ITEM 18
NO EVIDENCE OF WETLANDS ON THE SUBJECT PROPERTY. NO DELINEATION MARKERS OF WETLANDS WERE OBSERVED IN THE PROCESS OF CONDUCTION THE FIELD WORK.

## ZONING RESTRICTIONS

NOTE: INDICATED ZONING INFORMATION IS FROM THE CITY OF SANTA CLARA ZONING ORDINANCES IN EFFECT AS OF THE DATE OF THIS SURVEY. ZONING AND RESTRICTIONS SHOWN HEREON WERE OBTAINED BY A GENERAL REQUEST AT THE PUBLIC COUNTER OF THE ABOVE NAMED DEPARTMENT. NO REPRESENTATION IS MADE FOR THE ACCURACY OR COMPLETENESS OF SAID THIRD PARTY INFORMATION. THIS FIRM IS NOT AN EXPERT IN THE REPRESENTATION OF COMPLEX ZONING ORDINANCES. COMPLIANCE IS BEYOND THE SCOPE OF THIS SURVEY. ANY USER OF SAID INFORMATION IS URGED TO CONTACT THE LOCAL AGENCY DIRECTLY.

| | |
|---|---|
| ZONE: | B – PUBLIC OR QUASI PUBLIC |
| MINIMUM SETBACKS: | FRONT: 15 FEET<br>SIDE: 10 FEET<br>REAR: 15 FEET |
| HEIGHT RESTRICTIONS: | BUILDING HEIGHT AND COVERAGE MUST BE SUCH THAT MAXIMUM HEIGHT AND COVERAGE SHALL NOT EXCEED THAT ALLOWED IN THE MOST RESTRICTIVE ABUTTING ZONE DISTRICT. (ZONING ORD. § 26-7). |

FLOOD NOTE: BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE "AH" OF THE FLOOD INSURANCE RATE MAP, PANEL NO. 06085C0062J, PANEL DATED FEBRUARY 19, 2014. THIS PROPERTY IS LOCATED IN AN AREA WHERE FLOOD HAZARDS EXIST AS DETERMINED BY FEMA. BY TELEPHONE CALL TO THE NATIONAL FLOOD INSURANCE PROGRAM (800-638-6620) WE HAVE LEARNED THIS COMMUNITY DOES CURRENTLY PARTICIPATE IN THE PROGRAM. NO FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS ZONE AND AN ELEVATION CERTIFICATE MAY BE NEEDED TO VERIFY THIS DETERMINATION OR APPLY FOR A VARIANCE FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

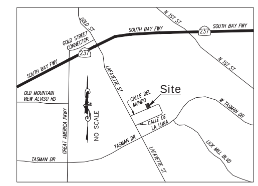
## SURVEYOR'S NOTES

- THE UTILITIES SHOWN HEREON ARE BASED ON OBSERVED EVIDENCE ONLY. THIS SURVEY WOULD NOT SHOW UTILITIES COVERED BY CARS/TRUCKS OR RECENTLY PAVED ASPHALT/CONCRETE OR OVERGROWN BRUSH, TREES AND SHRUBS.
- THE BOUNDARY DATA AND TITLE MATTERS AS SHOWN HEREON HAVE BEEN DEVELOPED FROM THE REFERENCED TITLE REPORT.
- UNLESS THIS PLAN HAS THE SEAL AND SIGNATURE OF THE SURVEYOR AND/OR ENGINEER RESPONSIBLE FOR ITS PREPARATION, THIS IS NOT AN AUTHENTIC COPY OF THE ORIGINAL SURVEY AND SHALL NOT BE DEEMED RELIABLE.
- ACCESS TO AND FROM THE SUBJECT PROPERTY IS PROVIDED FROM CALLE DEL MUNDO (PUBLIC STREET).

Underground Service Alert
Call: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

GRAPHIC SCALE
10 0 5 10
FEET

## VICINITY MAP




## LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF SANTA CLARA, COUNTY OF SANTA CLARA, STATE OF CALIFORNIA AND IS DESCRIBED AS FOLLOWS:

PARCEL ONE:
PARCEL 4, AS SHOWN ON THAT CERTAIN PARCEL MAP, FILED FOR RECORD IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SANTA CLARA, STATE OF CALIFORNIA ON FEBRUARY 27, 1976, IN BOOK 368 OF MAPS, AT PAGES 14 AND 15.

PARCEL TWO:
A NON-EXCLUSVE EASEMENT FOR INGRESS AND EGRESS AND THE INSTALLATION AND MAINTENANCE OF A COMMON DRIVEWAY AND DRAINAGE FACILITIES OVER THE NORTHEASTERLY 12.50 FEET OF PARCEL 3, AS SHOWN UPON THAT CERTAIN PARCEL MAP FILED FOR RECORD IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SANTA CLARA, STATE OF CALIFORNIA ON FEBRUARY 27, 1976, IN BOOK 368 OF MAPS, AT PAGES 14 AND 15.

## NOTES CORRESPONDING TO SCHEDULE B ITEMS

BASED UPON TITLE REPORT NO. FWPS-TO18001427-MC, DATED DECEMBER 13, 2018 AS PREPARED BY CHICAGO TITLE COMPANY.

1. PROPERTY TAXES, INCLUDING ANY PERSONAL PROPERTY TAXES AND ANY ASSESSMENTS COLLECTED WITH TAXES. **(NOT A SURVEY MATTER)**
2. PRIOR TO CLOSE OF ESCROW, PLEASE CONTACT THE TAX COLLECTOR'S OFFICE TO CONFIRM ALL AMOUNTS OWING, INCLUDING CURRENT FISCAL YEAR TAXES, SUPPLEMENTAL TAXES, ESCAPED ASSESSMENTS AND ANY DELINQUENCIES. **(NOT A SURVEY MATTER)**
3. THE LIEN OF SUPPLEMENTAL OR ESCAPED ASSESSMENTS OF PROPERTY TAXES, IF ANY, MADE PURSUANT TO THE PROVISIONS OF CHAPTER 3.5 (COMMENCING WITH SECTION 75) OR PART 2, CHAPTER 3, ARTICLES 3 AND 4, RESPECTIVELY, OF THE REVENUE AND TAXATION CODE OF THE STATE OF CALIFORNIA AS A RESULT OF THE TRANSFER OF TITLE TO THE VESTEE NAMED IN SCHEDULE A OR AS A RESULT OF CHANGES IN OWNERSHIP OR NEW CONSTRUCTION OCCURRING PRIOR TO DATE OF POLICY. **(NOT A SURVEY MATTER)**
4. THE HEREIN DESCRIBED PROPERTY LIES WITHIN THE BOUNDARIES OF A MELLO-ROOS COMMUNITY FACILITIES DISTRICT (CFD). **(NOT A SURVEY MATTER)**
5. ANY LIENS OR OTHER ASSESSMENTS, BONDS, OR SPECIAL DISTRICT LIENS INCLUDING WITHOUT LIMITATION, COMMUNITY FACILITY DISTRICTS, THAT ARISE BY REASON OF ANY LOCAL, CITY, MUNICIPAL OR COUNTY PROJECT OR SPECIAL DISTRICT. **(NOT A SURVEY MATTER)**
6. AN EASEMENT FOR PUBLIC UTILITIES RECORDED DECEMBER 26, 1972 AS INSTRUMENT NO. 4419337, OF OFFICIAL RECORDS. THE PORTION OF THE EASEMENT WITHIN THE SOUTHERLY 5 FEET OF SAID LAND WAS QUITCLAIMED BY DOCUMENT RECORDED JANUARY 2, 1980 IN BOOK F56 AT PAGE 134.
7. AN EASEMENT FOR PUBLIC UTILITIES AS DELINEATED OR AS OFFERED FOR DEDICATION PER PARCEL MAP FIND IN BOOK 368, PAGES 14 AND 15, IN THE OFFICE OF THE COUNTY RECORDER OF SANTA CLARA COUNTY. **(PLOTTED HEREON)**
8. COVENANTS, CONDITIONS AND RESTRICTIONS BUT OMITTING ANY COVENANTS OR RESTRICTIONS, IF ANY, INCLUDING BUT NOT LIMITED TO THOSE BASED UPON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, FAMILIAL STATUS, MARITAL STATUS, DISABILITY, HANDICAP, NATIONAL ORIGIN, ANCESTRY, SOURCE OF INCOME, GENDER, GENDER IDENTITY, GENDER EXPRESSION, MEDICAL CONDITION OR GENETIC INFORMATION, AS SET FORTH IN APPLICABLE STATE OR FEDERAL LAWS, EXCEPT TO THE EXTENT THAT SAID COVENANT OR RESTRICTION IS PERMITTED BY APPLICABLE LAW, AS SET FORTH IN THE DOCUMENT RECORDED MAY 13, 1976 AS BOOK C020, PAGE 583, OF OFFICIAL RECORDS. SAID COVENANTS, CONDITIONS AND RESTRICTIONS PROVIDE THAT A VIOLATION THEREOF SHALL NOT DEFEAT THE LIEN OF ANY MORTGAGE OR DEED OF TRUST MADE IN GOOD FAITH AND FOR VALUE. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED JUNE 24, 1996 AS INSTRUMENT NO. 13342313, BOOK P387, PAGE 1054, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED JANUARY 23, 1997 AS INSTRUMENT 13586828, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED NOVEMBER 24, 2014 AS INSTRUMENT NO. 22781730, OF OFFICIAL RECORDS. MODIFICATION(S) OF SAID COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED MARCH 10, 2016 AS INSTRUMENT NO. 23241039, OF OFFICIAL RECORDS
9. AN EASEMENT FOR OVERHEAD AND/ OR UNDERGROUND ELECTRICAL SYSTEM RECORDED OCTOBER 5, 1976 IN BOOK C326, PAGE 451, OF OFFICIAL RECORDS. **(PLOTTED HEREON)**
10. AN EASEMENT FOR A COMMON DRIVEWAY RECORDED JULY 1, 1977 AS INSTRUMENT NO. 5706071, OF OFFICIAL RECORDS. **(PLOTTED HEREON)**
11. MATTERS CONTAINED IN AGREEMENT COVENANT RUNNING WITH THE LAND RECORDED NOVEMBER 30, 1977 IN BOOK D309, PAGE 107 OF OFFICIAL RECORDS.
12. AN EASEMENT FOR INGRESS AND EGRESS AND A COMMON DRIVEWAY AND DRAINAGE FACILITIES RECORDED APRIL 28, 1987 AS INSTRUMENT NO. 9248219, BOOK K125, PAGE 1967 OF OFFICIAL RECORDS. **(PLOTTED HEREON)**
13. AN EASEMENT FOR UNDERGROUND CONDUITS, CASINGS, PIPES, MANHOLES, VOLTS, SERVICE BOXES, WIRES, CABLES AND ELECTRICAL CONDUCTORS; ABOVEGROUND MARKER POSTS, RISERS AND SERVICE PEDESTALS, UNDERGROUND AND ABOVEGROUND SWITCHES, FUSES, TERMINALS AND TRANSFORMERS WITH ASSOCIATED CONCRETE PATHS AND FIXTURES RECORDED OCTOBER 6, 2004 AS INSTRUMENT NO. 18035731, OF OFFICIAL RECORDS. **(PLOTTED HEREON)**
14. A DEED OF TRUST. **(NOT A SURVEY MATTER)**
15. AN UNRECORDED LEASE WITH CERTAIN TERMS, COVENANTS, CONDITIONS AND PROVISIONS. **(NOT A SURVEY MATTER)**
16. AN UNRECORDED LEASE WITH CERTAIN TERMS, COVENANTS, CONDITIONS AND PROVISIONS. **(NOT A SURVEY MATTER)**
17. ANY RIGHTS OF THE PARTIES IN POSSESSION OF A PORTION OF, OR ALL OF, SAID LAND, WHICH RIGHTS ARE NOT DISCLOSED BY THE PUBLIC RECORDS. THE COMPANY WILL REQUIRE, FOR REVIEW, A FULL AND COMPLETE COPY OF ANY UNRECORDED AGREEMENT, CONTRACT, LICENSE AND/OR LEASE, TOGETHER WITH ALL SUPPLEMENTS, ASSIGNMENTS AND AMENDMENTS THERETO, BEFORE ISSUING ANY POLICY OF TITLE INSURANCE WITHOUT EXCEPTING THIS ITEM FROM COVERAGE. THE COMPANY RESERVES THE RIGHT TO EXCEPT ADDITIONAL ITEMS AND/OR MAKE ADDITIONAL REQUIREMENTS AFTER REVIEWING SAID DOCUMENTS. **(NOT A SURVEY MATTER)**
18. MATTERS WHICH MAY BE DISCLOSED BY AN INSPECTION AND/OR BY A CORRECT ALTA/NSPS LAND TITLE SURVEY OF SAID LAND THAT IS SATISFACTORY TO THE COMPANY, AND/OR BY INQUIRY OF THE PARTIES IN POSSESSION THEREOF. **(NOT A SURVEY MATTER)**
19. THE COMPANY WILL REQUIRE THE FOLLOWING DOCUMENTS FOR REVIEW PRIOR TO THE ISSUANCE OF ANY TITLE INSURANCE PREDICATED UPON A CONVEYANCE OR ENCUMBRANCE FROM THE ENTITY NAMED BELOW. LIMITED LIABILITY COMPANY: BETA PLUS PROPERTIES LLC, A NEVADA LIMITED LIABILITY COMPANY
   a. A COPY OF ITS OPERATING AGREEMENT, IF ANY, AND ANY AND ALL AMENDMENTS, SUPPLEMENTS AND/OR MODIFICATIONS THERETO, CERTIFIED BY THE APPROPRIATE MANAGER OR MEMBER.
   b. IF A DOMESTIC LIMITED LIABILITY COMPANY, A COPY OF ITS ARTICLES OF ORGANIZATION AND ALL AMENDMENT THERETO WITH THE APPROPRIATE FILING STAMPS.
   c. IF THE LIMITED LIABILITY COMPANY IS MEMBER-MANAGED A FULL AND COMPLETE CURRENT LIST OF MEMBERS CERTIFIED BY THE APPROPRIATE MANAGER OR MEMBER.
   d. A CURRENT DATED CERTIFICATE OF GOOD STANDING FROM THE PROPER GOVERNMENTAL AUTHORITY OF THE STATE IN WHICH THE ENTITY WAS CREATED
   e. IF LESS THAN ALL MEMBERS, OR MANAGERS, AS APPROPRIATE, WILL BE EXECUTING THE CLOSING DOCUMENTS, FURNISH EVIDENCE OF THE AUTHORITY OF THOSE SIGNING.
   f. IF LIMITED LIABILITY COMPANY IS A SINGLE MEMBER ENTITY, A STATEMENT OF INFORMATION FOR THE SINGLE MEMBER WILL BE REQUIRED.
   g. EACH MEMBER AND MANAGER OF THE LLC WITHOUT AN OPERATING AGREEMENT MUST EXECUTE IN THE PRESENCE OF A NOTARY PUBLIC THE CERTIFICATE OF CALIFORNIA LLC (WITHOUT AN OPERATING AGREEMENT) STATUS AND AUTHORITY FORM
20. THE COMPANY WILL REQUIRE THAT AN OWNER'S AFFIDAVIT BE COMPLETED BY THE PARTY(S) NAMED BELOW BEFORE THE ISSUANCE OF ANY POLICY OF TITLE INSURANCE. PARTY(IES): BETA PLUS PROPERTIES LLC, A NEVADA LIMITED LIABILITY COMPANY THE COMPANY RESERVES THE RIGHT TO ADD ADDITIONAL ITEMS OR MAKE FURTHER REQUIREMENTS AFTER REVIEW OF THE REQUESTED AFFIDAVIT. **(NOT A SURVEY MATTER)**

## POSSIBLE ENCROACHMENT NOTES

THIS IS A LISTING OF OBSERVED IMPROVEMENTS THAT CROSS PROPERTY LINES. STATEMENT OF OWNERSHIP OR POSSESSION IS NOT THE INTENT OF THIS LISTING.

1 EXISTING BUILDING OVERLAPS INTO THE SETBACK AT NORTHEASTERLY SIDE OF THE PROPERTY.

## SURVEYOR'S CERTIFICATE

TO BETA PLUS PROPERTIES LLC, A NEVADA LIMITED LIABILITY COMPANY, CHICAGO TITLE COMPANY:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 5, 6 (a), 6(b), 7(a), 7(b)(1), 7(c), 8, 9, 10(a), 11(VISIBLE EVIDENCE ONLY), 13, 14, 16 AND 18 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON DECEMBER 27, 2018.

DATE OF PLAT OR MAP: JANUARY 21, 2019.

LICENSED LAND SURVEYOR
Armando D. DuPont
L.S. 7780
Exp. 12-31-19
STATE OF CALIFORNIA

Armando D. DuPont
Registration No. 7780
in the State of California

| NO. | DATE | REVISIONS | BY |
|---|---|---|---|
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| | | | |
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ALLWEST
2141 Mission Street, Suite 100
San Francisco, Ca. 94110
(415) 391-2510
PROJECT 18T041.94

DATE: JANUARY 21, 2019_DM SHEET 1 OF 1

# EXHIBIT C:

# PHOTOGRAPHS

(three sheets)

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# AllWest Environmental

# Phase II Subsurface Investigation Report

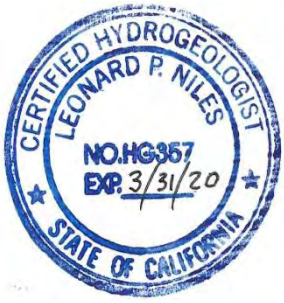
## 2263-2275 Calle del Mundo, Santa Clara, California 95054

PREPARED FOR:

Ensemble Investments, Inc.
444 West Ocean Blvd, Suite 1108
Long Beach, CA 90802

ALLWEST PROJECT 18T023.23
August 21, 2018

PREPARED BY:

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# PHASE II SUBSURFACE INVESTIGATION REPORT

## 2263-2275 Calle del Mundo, Santa Clara, California 95054

## I. EXECUTIVE SUMMARY

AllWest Environmental, Inc. has completed a Phase II subsurface investigation to characterize soil and groundwater quality at the subject property referenced above (Figures 1 and 2). The investigation addressed environmental conditions identified in our Phase I *Environmental Site Assessment* (ESA) report dated July 10, 2018. The proposed investigation scope of work was described in the AllWest proposal dated July 19, 2018.

*This executive summary is provided solely for the purpose of overview. Any party who relies on this report must read the full report. The executive summary may omit details, any one of which could be crucial to the proper understanding and risk assessment of the subject matter.*

AllWest conducted a Phase II subsurface investigation at the subject property on July 25, 2018, consisting of the advancement of nine soil borings (SB-1 through SB-9), and the collection of soil and groundwater samples. The borings were advanced by track-mounted Geoprobe® direct push technology (DPT) methods to total depths of 8 to 14 feet below ground surface (bgs). Five borings (SB-1, SB-4, SB-5, SB-6 and SB-7) were located inside the subject site building. Four borings (SB-2, SB-3, SB-8 and SB-9) were located in the outside parking areas and driveways. Groundwater was encountered in four borings (SB-2, SB-3, SB-8 and SB-9) at approximately 12 to 13 feet bgs and rose to a static level of approximately 6.3 to 9.0 feet bgs. Boring locations are shown on Figure 2.

Thirty soil samples were collected from the borings. Four grab groundwater samples were collected from borings SB-2, SB-3, SB-8 and SB-9. Nine soil samples collected from 1-1.5 feet bgs in each boring (except from 2-2.5 feet in SB-4) were analyzed for total petroleum hydrocarbons as diesel and motor oil (TPH-d and TPH-mo) with silica gel cleanup, total petroleum hydrocarbons as gasoline (TPH-g) and full-list volatile organic compound (VOCs) including fuel oxygenates and naphthalene, polynuclear aromatics and polyaromatic hydrocarbons (PNAs/PAHs), organochlorine pesticides (OCPs), CAM 17 metals and hexavalent chromium (Cr6). Nine soil samples collected from 4-4.5 feet bgs in all borings were analyzed for total chromium, three samples from 4-4.5 feet bgs in SB-6, SB-7 and SB-8 were analyzed for total arsenic, and two soil samples from 1-1.5 feet bgs in SB-7 and SB-8 were analyzed for Soluble Threshold Limit Concentration (STLC) chromium.

Four grab groundwater samples were analyzed for TPH-d and TPH-mo with silica gel cleanup, TPH-g and full-list VOCs including fuel oxygenates and naphthalene, PNAs/PAHs, CAM 17 metals and Cr6.

The only concentrations of constituents of concern (COCs) in soil samples to exceed applicable San Francisco Regional Water Quality Control Board (SFRWQCB) Tier 1 Environmental Screening Levels (ELSs) were:

- The OCPs b-BHC at 0.016 milligrams per kilogram (mg/Kg) in SB-1 at 1-1.5 feet bgs, and dieldrin at 0.0012 mg/kg in SB-8 at 1-1.5 feet bgs, exceeding their respective ESLs of 0.0098 mg/kg and 0.00017 mg/Kg.
- Arsenic in all analyzed soil samples at concentrations of 4.9 to 22 mg/Kg, exceeding its ESL of 0.067 mg/Kg, but generally within naturally occurring background levels.
- Cr6 in the sample from SB-8 at 1-1.5 feet bgs, at 0.66 mg/Kg, exceeding its ESL of 0.30 mg/Kg.

- Nickel at concentrations of 87 to 160 mg/Kg in soil samples from SB-1, SB-2, SB-5, SB-6, SB-7 and SB-8 at 1-1.5 feet bgs, exceeding its ESL of 86 mg/Kg.

Low concentrations of TPHg and TPHd, and various PNAs/PAHs, OCPs and metals were detected in soil samples below their applicable ESLs. Soil sample analytical results are included in Tables 1, 2 and 3.

The only COCs detected in groundwater samples at concentrations exceeding applicable ESLs were:

- TPH-d and TPH-mo in the sample from boring SB-2 at respective concentrations of 190 micrograms per liter (µg/L) and 4,100 µg/L, exceeding the TPH-d ESL of 100 µg/L. Since TPH-mo is not soluble, dissolved TPH-mo range hydrocarbons are presumed to be petroleum degradates; and the TPH-d ESL is used according to the SFRWQCB *Tier 1ESLs* summary table (SFRWQCB, 2016).

- Benzo (g,h,i) perylene in the samples from borings SB-2, SB-3 and SB-8 at concentrations of 0.62 to 0.91 µg/L, exceeding its ESL of 0.10 µg/L.

- Cobalt in the samples from borings SB-2 and SB-8 at concentrations of 22 and 3.1 µg/L, exceeding its ESL of 3.0 µg/L.

- Copper in the samples from borings SB-3 and SB-8 at concentrations of 4.3 and 5.5 µg/L, exceeding its ESL of 3.1 µg/L.

- Molybdenum in the samples from borings SB-2 and SB-8 at concentrations of 160 and 110 µg/L, exceeding its ESL of 100 µg/L.

- Nickel in the sample from boring SB-8 at a concentration of 8.7 µg/L, exceeding its ESL of 8.2 µg/L.

- Selenium in the sample from boring SB-2 at a concentration of 7.3 µg/L, exceeding its ESL of 5.0 µg/L.

Low concentrations of bromomethane, chloromethane, and various metals were detected in groundwater samples below their applicable ESLs. Groundwater sample analytical results are included in Table 4.

In conclusion, AllWest's subsurface assessment identified relatively low concentrations of petroleum hydrocarbons, OCPs, PNAs/PAHs and various metals in soil and groundwater at the subject property marginally exceeding applicable regulatory agency screening levels. It is likely that metals concentrations detected in soil and groundwater samples are within naturally occurring background levels, and that other COCs detected in groundwater samples originate from offsite sources such as the adjacent landfill and other industrial properties. In AllWest's opinion, the relatively low concentrations of various COCs marginally exceeding the most conservative Tier 1 ESLs for residential land use do not represent a significant human health or environmental risk to occupants of the subject property.

AllWest recommends no further investigation. In the event of subject property redevelopment, AllWest recommends excavating to a depth of 2 feet bgs in the vicinity of borings SB-1 and SB-8 to remove shallow soils containing elevated levels of OCPs.

# II. PROJECT BACKGROUND

## A. Site Location and Description

The street addresses associated with the subject property include 2263, 2265, 2273 and 2275 Calle del Mundo, Santa Clara, Santa Clara County, California 95054. Although 2263 Calle del Mundo is the primary address associated with the property, there is no tenant suite addressed as such. A site vicinity map is included as Figure 1.

The subject property is a rectangular parcel comprising 0.95 acre (41,382 square feet). The parcel is located on the north side of Calle del Mundo with approximately 208 feet of street frontage. The parcel extends approximately 200 feet to the west from the street frontage.

The parcel is developed with a single-story, light-industrial building totaling 16,600 square feet. The building footprint occupies approximately 40 percent of the subject property. The remainder of the property includes surface parking and yard areas, driveways and landscaping. A site plan is included as Figure 2.

The building on the subject property is occupied for light-industrial purposes by three tenants. Centerline Precision is a machine shop located in the 2265 Calle del Mundo suite, Global Manufacturing is an electronic cable assembly contract manufacturer located in the 2273 Calle del Mundo suite, and Real Pack is a crate assembly/packaging company located in the 2275 Calle del Mundo suite.

## B. Site Geology and Hydrogeology

The subject property is generally level and gently descends towards the north-northwest, at an elevation of approximately 9 feet above mean seal level (msl).

Based on a review of the USGS Note 36 California Geomorphic Provinces map, the property is located in the Coast Ranges geomorphic province of California. The coastline is uplifted, terraced and wave-cut. The Coast Ranges are composed of thick Mesozoic and Cenozoic sedimentary strata. The northern and southern ranges are separated by a depression containing the San Francisco Bay.

The northern Coast Ranges are dominated by the irregular, knobby landslide-topography of the Franciscan Complex. The eastern border is characterized by strike-ridges and valleys in Upper Mesozoic strata. In several areas, Franciscan rocks are overlain by volcanic cones and flows of the Quien Sabe, Sonoma and Clear Lake volcanic fields. The Coast Ranges is subparallel to the active San Andreas Fault. The San Andreas is more than 600 miles long, extending from Point Arena to the Gulf of California. West of the San Andreas is the Salinian Block, a granitic core extending from the southern extremity of the Coast Ranges to north of the Farallon Islands. Geologically, the area of the subject property is underlain by Mesozoic era Eugeosynclinal Deposits.

According to California's Groundwater Bulletin 118, the subject property is located in the San Francisco Bay Hydrologic Region and lies in the Santa Clara Valley Groundwater Basin, Santa Clara Subbasin (Basin No. 2-9.02). The Santa Clara Subbasin occurs within a structural trough running generally parallel to the northwest-trending Coast Range Mountains, extending from northern Santa Clara County southwards to the groundwater divide near Morgan Hill. The water-bearing formations of the Santa Clara Sub basin are comprised of the Plio-Pleistocene and Holocene-age continental deposits of the Santa Clara Formation and Pleistocene-Holocene Alluvium.

According to the SFRWQCB *Water Quality Control Plan (Basin Plan) Table 2.2: Existing and Potential Beneficial Uses in Groundwater in Identified Basins*, dated May 4, 2017, the Santa Clara Valley Groundwater Basin, Santa Clara Sub-Basin (2-9.02) has existing beneficial uses for municipal, process, industrial and agricultural uses (SFRWQCB, 2017).

Based on hydrological data available on the Geotracker database, shallow ground water was expected to be 5 to 8 feet beneath ground surface. Ground water flow direction has been documented as variable on vicinity properties, but predominantly towards the southeast.

The nearest significant surface water to the subject property is the Guadalupe River, located approximately 0.15 mile east-northeast. Wetlands of the San Francisco Bay are present just over a mile northwest.

No water wells, aboveground water tanks or water reservoirs are present at the subject property. The property does not fall under requirements of the National Pollutant Discharge Elimination System (NPDES) and storm water runoff is directed to drains in the parking lots and adjoining street.

Soils encountered during the AllWest subsurface investigation of July 2018 below asphalt and concrete pavement and subgrade fill consisted primarily of clay and sandy clay to a depth of approximately 13 feet bgs, underlain by silt to the maximum explored depth of 14 feet bgs.

Groundwater was encountered during the AllWest subsurface investigation of July 2018 at depths of approximately 12 to 13 feet bgs, and rose to a static level of approximately 6.3 to 9.0 feet bgs.

## C. Previous Site Investigations

AllWest conducted a Phase I ESA at the subject property in July 2018. Conclusions were presented in the AllWest Phase I *Environmental Site Assessment* (ESA) report dated July 10, 2018 (AllWest, 2018). AllWest assessed the site's land use history by reviewing aerial photographs, city directories and other relevant documents. Our review documented agricultural cultivation from as early as 1939 through the late-1940s/early-1950s. Following cessation of agricultural use, the property was undeveloped through 1979. The existing building was constructed on the subject property in 1980. Since construction, tenants have included a variety of machine shops, plumbing and mechanical contractors, electronic component contact manufacturers and an optical/coating company.

Existing property tenants utilize small quantities of hazardous materials, which are stored both inside the building and in exterior storage areas. Materials were limited to approximately 5-gallons each or less of lubricant/coolant, janitorial cleaners, spray paint, alcohol, flux remover and cutting fluid. Propane for forklifts and hot glue for a hot melt sprayer also were present at the property. Evidence of spills or releases of the stored materials was not observed. Based on hazardous materials information obtained from the Santa Clara Fire Department (SCFD), current tenant Centerline Precision previously stored up to 110-gallons of oils, 55 gallons of coolant and 55 gallons of solvent refined light paraffin distillate. Former building tenants were documented as utilizing similar types and quantities of hazardous materials, as well as compressed argon and helium.

Hazardous waste, four 55-gallon drums of used oil/water and one 55-gallon drum of oily debris and absorbent, is generated by existing tenant Centerline Precision. Drums are located within secondary containment in a shed on the northeastern corner of the property. Evidence of significant spills or releases of the stored wastes was not observed. Centerline Precision previously generated small quantities of liquids with halogenated organic compounds/waste solvents. Former building tenants also generated small quantities of liquids with halogenated organic compounds and halogenated solvents, as well as small quantities of waste oil.

Two compressors located adjoining north of the building in the Centerline Precision (2265) yard area appeared to have leaked oil onto the adjoining asphalt surface. Oil staining of the asphalt extended from the compressors across the asphalt to the soil/dry vegetation adjoining north of the property perimeter fence line. Limited surficial staining of soil/dry vegetation adjoining the northern fence line was observed. No information indicated the current or historical presence of underground storage tanks (USTs) at the subject property.

An Environmental Data Resources, Inc. (EDR) agency database search identified no current or historical releases at the subject property appearing likely to have significantly impacted the underlying soil or ground water. The database listings for use and disposal of small quantities of hazardous materials and hazardous waste by one current and two former building tenants are not of significant concern to the environmental condition of the subject property as the listings are not indicative of a hazardous materials release.

The agency database search identified three surrounding/adjoining sites with groundwater impacted by volatile organic compounds from on-site or undocumented off-site sources. Coatek Inc. at 2272 Calle del Mundo, adjoining the subject property, Richard and Donna Wills Revocable Trust at 2301 Calle de Luna, approximately 0.10 mile from the subject property, and the site at 2278 Calle de Luna, approximately 0.12 mile from the subject property, all are located in an anticipated cross- to down-gradient location. Since the source of the solvents in ground water is unknown subject property ground water may also be impacted. Based on the available information, off-site solvent concentrations are likely beneath Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for evaluation of potential vapor intrusion concerns.

The site adjoining north of the subject property formerly was part of two Santa Clara landfills (All Purpose Landfill at 5400 Lafayette Street and Santa Clara Landfill Disposal at 5410 Lafayette Street). Ground water flow direction at the former landfills was documented to the north-northeast, away from the subject property. Available ground water monitoring data indicated solvent concentrations in ground water in landfill wells near the subject property to be beneath ESLs for evaluation of potential vapor intrusion concerns. Based on the available information, the former landfill sites appear unlikely to have significantly impacted ground water beneath the subject property.

AllWest did not identify a Recognized Environmental Condition (REC), Controlled REC (CREC) or Historical REC (HREC) at the subject property from its current or historical land use activities. Although not considered RECs, the following environmental conditions are identified:

Limited surficial staining of soil/dry vegetation adjoining the northern fence line, appearing associated with leakage from compressors located in the Centerline Precision (2265) storage area, was observed. Compressor leaks should be repaired and leaking fluid cleaned up. Stained soils should be removed followed by verification soil sampling.

Existing and former tenants were documented as utilizing/generating small quantities of materials containing halogenated organic compounds, as well as oil-containing wastes. Based on the use/generation of these materials over the past several decades, residually impacted soil and groundwater should be anticipated. Prior to site redevelopment activities AllWest recommended a subsurface assessment to further reduce environmental uncertainty.

Considering the property is covered by the subject building, asphalt parking area and driveways, and landscaping, AllWest assessed the potential for soil contamination from historical land use activities as low. We assessed potential impact of the site's historical land use activities on human health as very low. Prior to site redevelopment we recommended a subsurface assessment that would include analysis for pesticides (AllWest, 2018).

# III. PURPOSE AND SCOPE OF WORK

The purpose of this investigation was to address environmental conditions identified in the AllWest Phase I ESA report dated July 10, 2018. The proposed investigation scope of work was described in the AllWest proposal dated July 19, 2018.

The scope of work as performed consisted of the following tasks:

1) Obtain site access and conduct a preliminary site visit to determine boring locations;

2) Prepared a site-specific health and safety plan;

3) Engaged the service of Underground Service Alert (USA) and a private underground utility locator Ground Penetrating Radar Services (GPRS) of San Jose, California, to locate and clear underground utilities within the proposed investigation area so that the potential of accidental damage to underground utilities was reduced during subsurface investigation activities.

4) Retained the services of a C-57 licensed drilling contractor for the advancement by Geoprobe® Direct Push Technology (DPT) methods of nine borings (SB-1 through SB-5). Five borings (SB-1, SB-4, SB-5, SB-6 and SB-7) were located inside the subject site building. Four borings (SB-2, SB-3, SB-8 and SB-9) were located in the outside parking areas and driveways. Advanced five interior borings (SB-1, SB-4, SB-5, SB-6 and SB-7) to depths of approximately 8 feet bgs. Advanced four exterior borings (SB-2, SB-3, SB-8 and SB-9) to depths of approximately 12 to 14 feet bgs, below first encountered groundwater.

   Collected soil samples at continuous intervals from each of the nine DPT borings. Retained three soil samples each from interior borings SB-1, SB-4, SB-5, SB-6 and SB-7 at depths of approximately 1-1.5, 4-4.5 and 7.5-8 feet bgs, three soil samples from exterior boring SB-2 at 1-1.5, 4-4.5 and 8-8.5 feet bgs, and four soil samples each from exterior borings SB-3, SB-8 and SB-9 at approximately 1-1.5, 4-4.5, 8-8.5 and 11.5-12 feet bgs, for potential chemical analysis. Sample depth intervals varied slightly between borings based on recovered soil core, or observed evidence of contamination or photo-ionization detector (PID) readings. Installed temporary PVC well casing in the four deeper exterior borings (SB-2, SB-3, SB-8 and SB-9) and allowed groundwater levels to recover before collecting and retaining one "grab" groundwater sample from each boring;

5) Maintained thirty soil and four groundwater samples under chain-of-custody and transported to a State Water Resources Control Board (SWRCB) Environmental Laboratory Accreditation Program (ELAP) certified analytical laboratory (McCampbell Analytical of Pittsburg, California) for chemical analyses.

   Nine soil samples collected from 1-1.5 feet bgs in each boring (except from 2-2.5 feet in SB-4) were analyzed for total petroleum hydrocarbons as diesel and motor oil (TPH-d and TPH-mo) with silica gel cleanup, total petroleum hydrocarbons as gasoline (TPH-g) and full-list volatile organic compound (VOCs) including fuel oxygenates and naphthalene, polynuclear aromatics and polyaromatic hydrocarbons (PNAs/PAHs),

organochlorine pesticides (OCPs), CAM 17 metals and hexavalent chromium (Cr6). Nine additional soil samples collected from 4-4.5 feet bgs in all borings were analyzed for total chromium, three samples from 4-4.5 feet bgs in SB-6, SB-7 and SB-8 were analyzed for total arsenic, and two soil samples from 1-1.5 feet bgs in SB-7 and SB-8 were analyzed for Soluble Threshold Limit Concentration (STLC) chromium.

Four grab groundwater samples were analyzed for TPH-d and TPH-mo with silica gel cleanup, TPH-g and full-list VOCs including fuel oxygenates and naphthalene, PNAs/PAHs, CAM 17 metals and Cr6;

6) At the completion of drilling and sampling activities, removed Geoprobe® drive casings and temporary PVC well screen and casings and backfilled each boring with a "neat" cement grout slurry and restored concrete floor slabs and parking lane surfaces as appropriate. Stored all soil spoils generated during the assessment in 5-gallon buckets onsite pending profiling for disposal at an appropriate offsite facility;

8) Prepared a written Phase II Subsurface Investigation Report describing the field activities, summarizing the laboratory data, presenting investigation findings, and providing conclusions and recommendations. Uploaded the report and associated electronic data deliverable files to the GeoTracker database.

# IV. INVESTIGATIVE ACTIVITIES

## A. Health and Safety Plan

AllWest prepared a site specific health and safety plan prior to mobilizing to the site. A tailgate safety meeting was held prior to commencing work. All site personnel were required to review the health and safety plan.

## B. Drilling Permit Applications

No exploratory soil boring permits are required by the Santa Clara Valley Water District (SCVWD) for borings less than 45 feet bgs.

## C. Underground Utility Inspection

To avoid damage to underground utility installations during the course of the subsurface investigation, AllWest contacted USA, an organization for public utility information, on the pending subsurface investigation. USA then notified public and private entities that maintain underground utilities within the site vicinity to locate and marked their installations for field identification. An underground utility locator, Ground Penetrating Radar Systems, Inc., of San Jose, California, was retained by AllWest on July 23, 2018, to conduct a magnetometer and ground penetrating radar (GPR) sweep investigation to locate marked and unmarked underground utilities in the vicinity of the proposed boring locations.

## D. Geoprobe® DPT Boring Advancement and Soil Sampling

On July 25, 2018, a State of California C-57 licensed drilling contractor (Environmental Control Associates, Inc. of Aptos, California) advanced nine soil borings (SB-1 through SB-9) to depths of approximately 8 to 14 feet bgs at the subject property with a track-mounted rig utilizing Geoprobe® direct push technology (DPT) methods. Five borings (SB-1, SB-4, SB-5, SB-6 and SB-7) were located inside the subject site building. Four borings (SB-2, SB-3, SB-8 and SB-9) were located in the outside parking areas and driveways. Static groundwater was measured at approximately 6.3 to 9.0 feet bgs in four borings (SB-2, SB-3, SB-8 and SB-9). Boring locations are shown on Figure 2.

Groundwater was encountered in borings SB-2, SB-3, SB-8 and SB-9 during drilling activities at depths of approximately 12 to 13 feet bgs, and rose to a static level of 6.3 to 9.0 feet bgs.

Continuous DPT soil coring and sampling methods were conducted in general accordance with standard Geoprobe® DPT soil boring advancement and sampling procedures included in Appendix B, except as noted below.

Thirty soil samples were collected by an AllWest geologist for potential laboratory analysis from the borings, including three soil samples each from borings SB-1, SB-5, SB-6 and SB-7 at depths of 1-1.5, 4-4.5 and 7.5-8 feet bgs; three samples from boring SB-2 at 1-1.5, 4-4.5 and 8-8.5 feet bgs; three samples from boring SB-4 at 2-2.5, 4-4.5 and 7.5-8 feet bgs; four soil samples each from borings SB-3 and SB-9 at 1-1.5, 4-4.5, 8-8.5 and 11.5-12 feet bgs; and four soil samples from boring SB-8 at 1-1.5, 4-4.5, 8-8.5 and 11-11.5 feet bgs. Sample depth intervals varied slightly between borings based on recovered soil core, or observed evidence of contamination or photo-ionization detector (PID) readings – the sample depth interval in. Boring logs with sample interval locations and PID measurement data are included in Appendix C.

### E. Groundwater Sampling

Four grab groundwater samples were collected by AllWest from borings SB-2, SB-3, SB-8 and SB-9 on July 25, 2018. After the advancement of the borings to their total depth, temporary PVC solid casing and perforated well screen was placed into the boreholes, and the water level allowed to recover. Depth to groundwater was measured at approximately 6.3 to 9.0 feet bgs feet bgs prior to sampling. Groundwater samples were collected using a peristaltic pump with disposable 0.25-inch outside diameter (OD) polyethylene (PE) tubing. Groundwater samples were contained in laboratory provided containers, consisting of two 40-milliliter (ml) volatile organic analysis (VOA) glass vials preserved with hydrochloric acid (HCl) and two 40-ml amber VOAs, one 1-liter (L) non-preserved amber glass bottle, one 250-ml PE bottle preserved with nitric acid ($HNO_3$), and one non-preserved 125-ml PE bottle. Groundwater sampling methods were performed in general accordance with standard Geoprobe® DPT groundwater sampling procedures included in Appendix B.

### F. Borehole Backfilling

At the completion of drilling and sampling activities and removal of all rods, probes, samplers, sleeves and other equipment, the borings were backfilled with a “neat” Portland Type I or II cement grout slurry to ground surface level. The asphalt area over the exterior parking strip borings, and concrete floor slab over the interior borings, were restored to match their previous condition as closely as possible.

### G. Investigative Derived Waste Containment and Disposal

All investigative derived wastes, consisting of soil (unused sample intervals) were stored at the property in 5-gallon buckets awaiting test results to determine the proper disposal method.

### H. Sample Preservation, Storage, Handling and Chain-Of-Custody Procedures

To prevent the loss of constituents of interest, all soil and groundwater samples were preserved by storing in an ice chest cooled to 4ºC with crushed ice immediately after their collection and during transportation to the laboratory. The groundwater sample was contained in appropriate laboratory-supplied pre-preserved containers. The standard chain-of-custody protocols will be followed through all stages of sample handling.

All samples collected for this project were transported under chain-of-custody protocol. The chain-of-custody program allows for the tracing of possession and handling of individual samples from the time of field collection through laboratory analysis. The document includes the signature of the collector, date and time of collection, sample number, number and type of sample containers including preservatives, parameters requested for analysis, signatures of persons and inclusive dates involved in the chain of possession. Upon delivery to the laboratory the document will also include the name of person receiving the samples, and date and time samples were received. Chain of custody documents are included in Appendix D.

## V. ASSESSMENT FINDINGS AND DISCUSSION

### A. Subsurface Conditions

Soils encountered during the advancement of the borings below asphalt and concrete pavement and subgrade fill consisted primarily of clay and sandy clay with minor gravel to a depth of approximately 13 feet bgs, underlain by silt to the maximum explored depth of 14 feet bgs.

Groundwater was encountered in a saturated silt layer at depths of approximately 12 to 13 feet bgs in borings SB-2, SB-3, SB-8 and SB-9, and rose to a static level of approximately 6.3 to 9.0 feet bgs. Boring logs are included in Appendix C.

## B. Environmental Screening Levels

To assess if the identified COCs in soil pose a risk to human health and the environment, AllWest compared analytical data generated during this investigation to Tier 1 Environmental Screening Levels (ESLs) for residential land use where groundwater is a potential drinking water resource. The residential land use ESLs are applicable to the planned future uses of the subject property. Planned redevelopment of the subject property is to be residential. According to the SFRWQCB *Basin Plan Table 2.2: Existing and Potential Beneficial Uses in Groundwater in Identified Basins*, dated May 4, 2017, groundwater at the subject site located within the Santa Clara Valley Groundwater Basin, Santa Clara Sub-Basin (2-9.02) has existing beneficial uses for municipal, process, industrial and agricultural uses, and therefore is a potential drinking water resource (SFRWQCB, 2017).

The ESLs are compiled by the Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB) in *User's Guide: Derivation and Application of Environmental Screening Levels (ESLs)*, Interim Final – February 2016 (Rev. 3, May 23, 2016). ESLs used in this investigation were established using the *Tier 1ESLs* summary table (SFRWQCB, 2016).

Under most circumstances, the presence of a chemical at a concentration below the corresponding ESL is presumed to not pose a significant risk to human health or the environment. The Tier 1 ESLs for the subject suite were established with the following assumptions: residential property use, a 'sand scenario' soil type, shallow groundwater (≤10 feet bgs) which is a potential drinking water resource, and shallow direct exposure, soil depths ≤10 feet bgs).

To determine suitability for disposal facility acceptance, AllWest compared soil sample analytical data for metals generated during this assessment to State of California Code of Regulations (CCR) Title 22 Chapter 11, Article 3, Tables I, II and II hazardous waste criteria, including Title 22 Total Threshold Limit Concentration (TTLC), Soluble Threshold Limit Concentration (STLC), and Toxic Characteristic Leaching Procedure (TCLP).

AllWest also compared soil sample analytical data for metals with background concentrations for the San Francisco Bay Area as summarized by Lawrence Berkeley National Laboratory (LBNL), *Analysis of Background Distributions of Metals in the Soil at Lawrence Berkeley National Laboratory, Table 3: Summary Statistics for Background Data Sets After Removal of Outliers*, April, 2009 (LBNL, 2009); and Duverge, Dylan Jacques, San Francisco State University, *Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region*, December 2011 (Duverge, 2011).

## C. Soil Sample Analytical Data and Screening Levels

All soil samples selected for analysis were analyzed by a State of California certified independent analytical laboratory, McCampbell Analytical, Inc. of Pittsburg, California. All samples were analyzed on standard 5-day turn-around time.

- Nine soil samples collected from 1-1.5 feet bgs in each boring (except from 2-2.5 feet in SB-4) were analyzed for TPH-d and TPH-mo by EPA Method 8015B with silica gel cleanup, TPH-g and full-list VOCs including fuel oxygenates and naphthalene by EPA Method 8260B, PNAs/PAHs by EPA Method 8270C, OCPs by EPA Method 8081A, CAM 17 metals by EPA Method 6020 and Cr6 by EPA Method 7199.

- Nine additional soil samples collected from 4-4.5 feet bgs in all borings were analyzed for total chromium by EPA Method 6020.

- Three samples from 4-4.5 feet bgs in SB-6, SB-7 and SB-8 were analyzed for total arsenic by EPA Method 6020.

- Two soil samples from 1-1.5 feet bgs in SB-7 and SB-8 were analyzed for STLC chromium by CA Title 22 / EPA Method 6020.

The following COCs were detected in soil sample analyses at concentrations exceeding the applicable Tier 1 ESLs:

- The OCPs b-BHC at 0.016 milligrams per kilogram (mg/Kg) in SB-1 at 1-1.5 feet bgs, and dieldrin at 0.0012 mg/kg in SB-8 at 1-1.5 feet bgs, exceeding their respective ESLs of 0.0098 mg/kg and 0.00017 mg/Kg.

- Arsenic in all analyzed soil samples at concentrations of 4.9 to 22 mg/Kg, exceeding its ESL of 0.067 mg/Kg. Most of the detected arsenic concentrations were above regional mean background levels of approximately 4.61 mg/kg (Duverge, 2011) to 5.5 mg/kg (LBNL, 2009) However, all but three sample concentrations were within the Duverge study upper 99$^{th}$ percentile level of 11 mg/Kg (Duverge, 2011); and all sample concentrations were within the LBNL study upper 99$^{th}$ percentile level of 28 mg/Kg (LBNL, 2009).

- Cr6 in the sample from SB-8 at 1-1.5 feet bgs, at 0.66 mg/Kg, exceeding its ESL of 0.30 mg/Kg.

- Nickel at concentrations of 87 to 160 mg/Kg in soil samples from SB-1, SB-2, SB-5, SB-6, SB-7 and SB-8 at 1-1.5 feet bgs, exceeding its ESL of 86 mg/Kg. Although most of the detected nickel concentrations were above the regional mean background level of approximately 68 mg/kg (LBNL, 2009); all of the sample concentrations were within the LBNL study upper 95$^{th}$ percentile level of 164 mg/Kg and 99$^{th}$ percentile level of 272 mg/Kg (LBNL, 2009).

No detected COC concentrations exceeded applicable Title 22 TTLC or STLC levels. Low concentrations of TPHg and TPHd, and various PNAs/PAHs, OCPs and metals were detected in soil samples below their applicable ESLs. No other COCs were detected in soil samples. Soil sample analytical results are summarized in Tables 1, 2 and 3. Laboratory analytical reports are included in Appendix D.

## D. Groundwater Analytical Data and Screening Levels

Four groundwater samples were analyzed by a State of California certified independent analytical laboratory, McCampbell Analytical, Inc. of Pittsburg, California. The sample was analyzed on standard 5-day turn-around time. Analytical methods were in general accordance with those specified in SFHC Article 22A.

- The groundwater samples were analyzed for TPH-d and TPH-mo by EPA Method 8015B with silica gel cleanup, TPH-g and full-list VOCs including fuel oxygenates and naphthalene by EPA Method 8260B, PNAs/PAHs by EPA Method 8270C, dissolved CAM 17 metals by EPA Method 200.8 and dissolved Cr6 by EPA Method 218.6.

The following COCs were detected in groundwater sample analyses at concentrations exceeding the applicable Tier 1 ESLs:

- TPH-d and TPH-mo in the sample from boring SB-2 at respective concentrations of 190 micrograms per liter (µg/L) and 4,100 µg/L, exceeding the TPH-d ESL of 100 µg/L. Since TPH-mo is not soluble, dissolved TPH-mo range hydrocarbons are presumed to be petroleum degradates; and the TPH-d ESL is used according to the SFRWQCB *Tier 1ESLs* summary table (SFRWQCB, 2016).

- Benzo (g,h,i) perylene in the samples from borings SB-2, SB-3 and SB-8 at concentrations of 0.62 to 0.91 µg/L, exceeding its ESL of 0.10 µg/L.

- Cobalt in the samples from borings SB-2 and SB-8 at concentrations of 22 and 3.1 µg/L, exceeding its ESL of 3.0 µg/L.

- Copper in the samples from borings SB-3 and SB-8 at concentrations of 4.3 and 5.5 µg/L, exceeding its ESL of 3.1 µg/L.

- Molybdenum in the samples from borings SB-2 and SB-8 at concentrations of 160 and 110 µg/L, exceeding its ESL of 100 µg/L.

- Nickel in the sample from boring SB-8 at a concentration of 8.7 µg/L, exceeding its ESL of 8.2 µg/L.

- Selenium in the sample from boring SB-2 at a concentration of 7.3 µg/L, exceeding its ESL of 5.0 µg/L.

Low concentrations of bromomethane, chloromethane, and various metals were detected in groundwater samples below their applicable ESLs. No other COCs were detected in any groundwater samples. Groundwater sample analytical results are summarized in Table 4. Laboratory analytical reports are included in Appendix D.

### E. Analytical Laboratory QA/QC

A review of laboratory internal quality assurance/quality control (QA/QC) report indicates the method blank and sample spike data for all analyses were within the laboratory recovery limits. The samples were also analyzed within the acceptable EPA holding times. The data from McCampbell Analytical is considered to be of good quality. Laboratory QA/QC reports and chain-of-custody records are included in Appendix D.

## VI. CONCLUSIONS AND RECOMMENDATIONS

AllWest's subsurface assessment identified relatively low concentrations of petroleum hydrocarbons, OCPs, PNAs/PAHs and various metals in soil and groundwater at the subject property marginally exceeding applicable regulatory agency screening levels. It is likely that metals concentrations detected in soil and groundwater samples are within naturally occurring background levels, and that other COCs detected in groundwater samples originate from offsite sources such as the adjacent landfill and other industrial properties. In AllWest's opinion, the relatively low concentrations of various COCs marginally exceeding the most conservative Tier 1 ESLs for residential land use do not represent a significant human health or environmental risk to occupants of the subject property.

AllWest recommends no further investigation. In the event of subject property redevelopment, AllWest recommends excavating to a depth of 2 feet bgs in the vicinity of borings SB-1 and SB-8 to remove shallow soils containing elevated levels of OCPs.

## VII. LIMITATIONS

The work described in this report was performed in accordance with the Environmental Consulting Agreement between Ensemble Investments, Inc. (Client) and AllWest Environmental, Inc, dated July 2018. AllWest has prepared this report for the exclusive use of the Client for this particular project and in accordance with generally accepted practices at the time of the work. No other warranties, certifications or representations, either expressed or implied are made as to the professional advice offered. The services provided for the Client were limited to their specific requirements; the limited scope allows for AllWest to form no more than an opinion of the actual site conditions. No matter how much research and sampling may be performed, the only way to know about the actual composition and condition of the subsurface of a site is through excavation.

The conclusions and recommendations contained in this report are made based on observed conditions existing at the site, laboratory test results of the submitted samples, and interpretation of a limited data set. It must be recognized that changes can occur in subsurface conditions due to site use or other reasons. Furthermore, the distribution of chemical concentrations in the subsurface can vary spatially and over time. The results of chemical analysis are valid as of the date and at the sampling location only. AllWest is not responsible for the accuracy of the test data from an independent laboratory, or for any analyte quantities falling below the recognized standard detection limits or for the method utilized by the independent laboratories.

Background information that AllWest has used in preparing this report, including but not limited to previous field measurements, analytical results, site plans, and other data, has been furnished to AllWest by the Client, its previous consultants, and/or third parties. AllWest has relied on this information as furnished. AllWest is not responsible, for nor has it confirmed, the accuracy of this information.

# VIII. REFERENCES


AllWest Environmental Inc. (AllWest), 2018. *Environmental Site Assessment, 2263 Calle del Mundo, Santa Clara, CA 95054*, July 10.

Duverge, Dylan Jacques, San Francisco State University, *Establishing Background Arsenic in Soil of the Urbanized San Bay Region*, December 2011.

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State of California Department of Water Resources (DWR), *California's Groundwater, Bulletin 118*, updated 2003.

State of California Environmental Protection Agency (Cal EPA), *Drilling, Coring, Sampling and Logging at Hazardous Substance Release Sites.* Guidance Manual for Ground Water Investigations, July 1995.

Cal EPA, *Reporting Hydrogeologic Characterization Data from Hazardous Substance Release Sites.* Guidance Manual for Ground Water Investigations, July 1995.

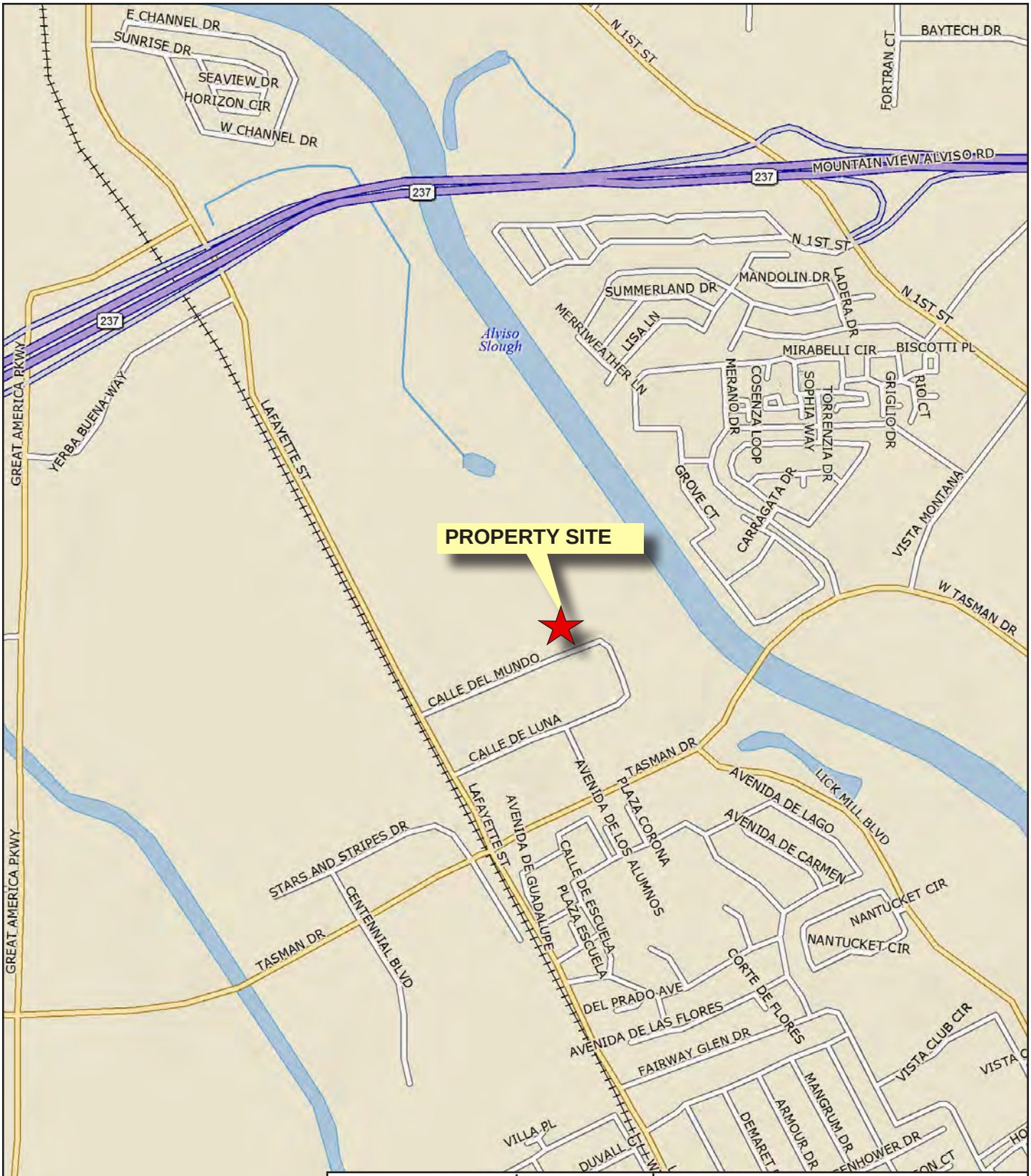
State of California San Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB), *User's Guide: Derivation and Application of Environmental Screening Levels (ESLs)*, Interim Final – February, 2016, Revision 3, May 23, 2016.

SFRWQCB, *San Francisco Bay Basin (Region 2) Water Quality Control Plan (Basin Plan),* May 4, 2017.

# FIGURES

DELORME

Topo USA® 8




MN (12.5° E)

AllWest

PROJECT NO. 18T023.23

| |
|---|
| VICINITY MAP |
| FIGURE 1 |
| 2263 - 2275 CALLE DEL MUNDO |
| SANTA CLARA, CA 95054 |
| SOURCE: DELORME TOPO |
| PREPARED BY: D. CAMACHO |
| DATE: 8/21/18 |

**FIGURE 2 - SITE PLAN WITH BORING LOCATIONS**

**Scale:** No Scale; Digitized Photo
**Date:** 8/7/18
**Photo ID No.** Google Earth

**N↑**

AllWest

SB-2 **Geoprobe Borings to Groundwater, 12-14 ft bgs**

SB-1 **Geoprobe Soil Borings, 8 ft bgs**

**Site Name:** 2263 Calle del Mundo
Santa Clara, California 95054

**Project Number:** 18T023.23

# TABLES

**TABLE 1**
**SUMMARY OF SOIL ANALYTICAL DATA - METALS**
**2263 Calle del Mundo**
**Santa Clara**
**AllWest Project No. 18T023.23**

| Sample Name and Depth in feet bgs | Date Sampled | Ag | As | Ba | Be | Cd | Cr (total) | Cr (STLC) | Cr VI | Co | Cu (total) | Hg (total) | Mo | Ni | Pb (total) | Sb | Se | Tl | V | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/L) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| **SB-1 @1'-1.5'** | 7/25/2018 | ND (<0.50) | **8.7** | 170 | 0.61 | 0.55 | 65 | NA | ND (<0.10) | 21.0 | 40 | 1.9 | 1.6 | **100** | 15 | 0.65 | ND (<0.50) | ND (<0.50) | 69 | 64 |
| **SB-1 @4'-4.5'** | 7/25/2018 | NA | NA | NA | NA | NA | 60 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **SB-2 @1'-1.5'** | 7/25/2018 | ND (<0.50) | **8.6** | 210 | 0.86 | ND (<0.25) | 71 | NA | ND (<0.10) | 17 | 37 | 0.92 | 1.1 | **87** | 14 | 0.69 | ND (<0.50) | ND (<0.50) | 66 | 66 |
| **SB-2 @4'-4.5'** | 7/25/2018 | NA | NA | NA | NA | NA | 62 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **SB-3 @1'-1.5'** | 7/25/2018 | ND (<0.50) | **5.1** | 250 | 0.71 | 0.34 | 57 | NA | ND (<0.10) | 12 | 32 | 0.37 | 1.0 | 66 | 10 | 0.62 | ND (<0.50) | ND (<0.50) | 59 | 62 |
| **SB-3 @4'-4.5'** | 7/25/2018 | NA | NA | NA | NA | NA | 66 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **SB-4 @2'-2.5'** | 7/25/2018 | ND (<0.50) | **6.2** | 160 | 0.74 | ND (<0.25) | 60 | NA | 0.28 | 15 | 30 | 1.5 | 1.3 | 78 | 13 | 0.67 | ND (<0.50) | ND (<0.50) | 54 | 57 |
| **SB-4 @4'-4.5'** | 7/25/2018 | NA | NA | NA | NA | NA | 64 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **SB-5 @1'-1.5'** | 7/25/2018 | ND (<0.50) | **6.5** | 220 | 0.89 | 0.33 | 83 | NA | 0.18 J | 17 | 42 | 0.55 | 1.6 | **110** | 13 | 0.55 | ND (<0.50) | ND (<0.50) | 72 | 69 |
| **SB-5 @4'-4.5'** | 7/25/2018 | NA | NA | NA | NA | NA | 86 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **SB-6 @1'-1.5'** | 7/25/2018 | ND (<0.50) | **12** | 160 | 0.67 | 0.43 | 80 | NA | 0.11 J | 16 | 46 | 1.8 | 1.0 | **140** | 20 | 0.68 | ND (<0.50) | ND (<0.50) | 64 | 67 |
| **SB-6 @4'-4.5'** | 7/25/2018 | NA | **4.9** | NA | NA | NA | 73 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **SB-7 @1'-1.5'** | 7/25/2018 | ND (<0.50) | **22** | 220 | 0.79 | 0.35 | 83 | 0.26 | ND (<0.10) | 18.0 | 51 | 3.1 | 1.1 | **120** | 30 | 1.1 | ND (<0.50) | ND (<0.50) | 70 | 98 |
| **SB-7 @4'-4.5'** | 7/25/2018 | NA | **4.9** | NA | NA | NA | 63 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **SB-8 @1'-1.5'** | 7/25/2018 | ND (<0.50) | **15** | 480 | 0.71 | 0.66 | 92 | 0.18 | **0.66** | 20 | 51 | 1.9 | 1.5 | **160** | 21 | 1.0 | 0.82 | ND (<0.50) | 83 | 85 |
| **SB-8 @4'-4.5'** | 7/25/2018 | NA | **7.3** | NA | NA | NA | 70 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **SB-9 @1'-1.5'** | 7/25/2018 | ND (<0.50) | **6.4** | 200 | 0.86 | ND (<0.25) | 70 | NA | 0.14 J | 17 | 35 | 0.74 | 1.1 | 83 | 12 | 0.67 | ND (<0.50) | ND (<0.50) | 66 | 60 |
| **SB-9 @4'-4.5'** | 7/25/2018 | NA | NA | NA | NA | NA | 58 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RWQCB Tier 1 ESLs | | **390** | **0.067** | **3,000** | **42** | **39** | **120,000 (Cr III)** | NE | **0.30** | **23** | **3,100** | **13** | **390** | **86** | **80** | **31** | **390** | **0.78** | **390** | **23,000** |
| TTLC | | **500** | **500** | **10,000 [1]** | **75** | **100** | **2,500 (Cr III & total)** | **--** | **500** | **8,000** | **2,500** | **20** | **3,500 [2]** | **2,000** | **1,000** | **500** | **100** | **700** | **2,400** | **5,000** |
| STLC (mg/L) | | **5.0** | **5.0** | **100** | **0.75** | **1.0** | **5 (Cr III & total)** | **5.0** | **5.0** | **80** | **25** | **0.2** | **350** | **20** | **5.0** | **15** | **1.0** | **7.0** | **24** | **250** |
| TCLP (mg/L) | | **5.0** | **5.0** | **100** | **NE** | **1.0** | **5.0** | **--** | **NE** | **NE** | **NE** | **0.2** | **NE** | **NE** | **5.0** | **NE** | **1.0** | **NE** | **NE** | **NE** |
| LBNL Mean/Median Background Concentrations of Metals in Soils - Berkeley, California | | **0.5** | **5.5** | **130** | **0.5** | **1.1** | **58 (total)** | NE | NE | **14** | **32** | **0.1** | **1.7** | **68** | **7.0** | **1.6** | **1.7** | **6** | **46** | **64** |

**TABLE 1**
**SUMMARY OF SOIL ANALYTICAL DATA - METALS**
**2263 Calle del Mundo**
**Santa Clara**
**AllWest Project No. 18T023.23**

**Notes:** All samples analyzed at McCampbell Analytical, Inc., Pittsburg, California on August 6 & 14, 2018.
All results are reported in milligrams per kilogram (mg/kg), except where noted: mg/L = milligrams per liter
bgs = below ground surface

Ag - Silver, analytical method SW6020
As - Arsenic, analytical method SW6020
Ba - Barium, analytical method SW6020
Be - Beryllium analytical method SW6020
Cd - Cadmium analytical method SW6020
Cr - Chromium, total (Cr III & Cr VI), analytical method SW6020
Cr VI - Hexavalent chromium, analytical method SW7199
Cr (STLC) - Chromium, Soluble Threshold Limit Concentration, analytical method SW6010B
Co - Cobalt, analytical method SW6020
Cu - Copper, analytical method SW6020
Cu (STLC) - Copper, Soluble Threshold Limit Concentration, analytical method SW6010B or SW6020
Hg - Mercury, analytical method SW6020
Hg (STLC) - Mercury, Soluble Threshold Limit Concentration, analytical method SW6020
Mo - Molybdenum, analytical method SW6020
Ni - Nickel, analytical method SW6020
Pb (total) - Lead, analytical method SW6020
Pb (STLC) - Lead, Soluble Threshold Limit Concentration, analytical method SW6010B or SW6020B
Pb (TCLP) - Lead, Toxicity Characteristic Leaching Procedure, analytical method SW6020
Sb - Antimony, analytical method SW6020
Se - Selenium, analytical method SW6020
Tl - Thallium, analytical method SW6020
V - Vanadium, analytical method SW6020
Zn - Zinc, analytical method SW6020

Qualifier J - Results less than the RL/ML but greater tan the MDL. The reported concentration is an estimated value.

ND <0.05 - Not detected at or above listed reporting limit
NE - Not Established
NA - Not analyzed

San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Tier 1 Environmental Screening Levels (ESLs), February 22, 2016, Revision 3 (May 23, 2016). Based on a generic conceptual site model designated for use at most sites. See User's Guide Chapter 2. Input settings are: Land Use = Residential; Groundwater Use = Drinking Water Resource; MCL Priority over Risk-Based Levels = Yes; Intact Building Slab = Yes; Groundwater Depth = Shallow; Soil Type = Sand Scenario; Soil Exposure Depth = Shallow.

TTLC - Total Threshold Limit Concentration value for hazardous waste established by State of California Code of Regulations Title 22, Chapter 11, Article 3, Tables II and III.
STLC - Soluble Threshold Limit Concentration value for hazardous waste established by State of California Code of Regulations Title 22, Chapter 11, Article 3, Tables II and III.
TCLP - Toxicity Characteristic Leaching Procedure value for hazardous waste established by State of California Code of Regulations Title 22, Chapter 11, Article 3, Tables II and III.

Lawrence Berkeley National Laboratory (LBNL) *Analysis of Background Distributions of Metals in the Soil at Lawrence Berkeley National Laboratory* , Table 3: *Summary Statistics for Background Data Sets After Removal of Outliers.* April, 2009. Arithmetic mean used where available; otherwise median concentration.

**TABLE 2**
**SUMMARY OF SOIL ANALYTICAL DATA - PAHs & PNAs**
**2263 Calle del Mundo, Santa Clara, CA**
**Santa Clara, California**
**AllWest Project 18T023.23**

| Date Sampled | Sample Name and Depth in feet bgs | Acenaphthene (mg/kg) | Acenaphthylene (mg/kg) | Anthracene (mg/kg) | Benzo (a) anthracene (mg/kg) | Benzo (a) pyrene (mg/kg) | Benzo (b) fluoranthene (mg/kg) | Benzo (g,h,i) perylene (mg/kg) | Benzo (k) fluoranthene (mg/kg) | Chrysene (mg/kg) | Dibenzo (a,h) anthracene (mg/kg) | Fluoranthene (mg/kg) | Fluorene (mg/kg) | Indeno (1,2,3-cd) pyrene (mg/kg) | 1-Methylnaphthalene (mg/kg) | 2-Methylnapthalene (mg/kg) | Napthalene (mg/kg) | Phenanthrene (mg/kg) | Pyrene (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7/25/2018 | SB-1@1'-1.5' | ND (<0.010) | ND (<0.010) | ND (<0.010) | 0.014 | ND (<1.0) | 0.017 | 0.047 | ND (<0.010) | ND (<0.010) | 0.010 | ND (<1.0) | ND (<0.010) | 0.024 | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) |
| 7/25/2018 | SB-2@1'-1.5' | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) |
| 7/25/2018 | SB-3@1'-1.5' | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | 0.035 | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) |
| 7/25/2018 | SB-4@2'-2.5' | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | 0.035 | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) |
| 7/25/2018 | SB-5@1'-1.5' | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) |
| 7/25/2018 | SB-6@1'-1.5' | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | 0.011 | 0.029 | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | 0.013 | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) |
| 7/25/2018 | SB-7@1'-1.5' | ND (<0.010) | ND (<0.010) | ND (<0.010) | 0.010 | ND (<0.010) | 0.011 | 0.031 | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | 0.014 | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) |
| 7/25/2018 | SB-8@1'-1.5' | ND (<0.010) | ND (<0.010) | ND (<0.010) | 0.014 | ND (<0.010) | 0.014 | 0.020 | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) |
| 7/25/2018 | SB-9@1'-1.5' | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | 0.024 | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) | ND (<0.010) |
| RWQCB Tier 1 ESLs | | **16** | **13** | **2.8** | **0.16** | **0.016** | **0.16** | **2.5** | **1.6** | **3.8** | **0.016** | **60** | **8.9** | **0.16** | **NE** | **0.25** | **0.033** | **11** | **85** |

**Notes:** All samples analyzed at McCampbell Analytical, Inc., Pittsburg, California, except samples analyzed for asbestos at Micro Analytical Laboratories, Emeryville, California.

All results are reported in milligrams per kilogram (mg/kg), except where noted: mg/L = milligrams per liter

bgs = below ground surface

1 - Analytical method SM4500-CN-ABCE

2 - Analytical method SW9045C

3 - Analytical method PLM (Polarized Light Microscope)/EPA Method 600/R93-116

OCPs - Organochlorine Pesticides, analytical method SW8081A/8082

PCBs - Polychlorinated Biphenyls, analytical method SW8081A/8082

TPH-g - Total Petroleum Hydrocarbons as Gasoline, analytical method SW8260B

TPH-d - Total Petroleum Hydrocarbons as Diesel, analytical method SW8015

TPH-mo - Total Petroleum Hydrocarbons as Motor Oil, analytical method SW8015

VOCs - Volatile Organic Compounds, analytical method SW8260

SVOCs -Semivolatile Organic Compounds, analytical method SW8270

San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Tier 1 Environmental Screening Levels (ESLs), February 22, 2016, Revision 3 (May 23, 2016). Based on a generic conceptual site model designated for use at most sites. See User's Guide Chapter 2. Input settings are: Land Use = Residential; Groundwater Use = Drinking Water Resource; MCL Priority over Risk-Based Levels = Yes; Intact Building Slab = Yes; Groundwater Depth = Shallow; Soil Type = Sand Scenario; Soil Exposure Depth = Shallow.

**TTLC** - Total Threshold Limit Concentration value for hazardous waste established by State of California Code of Regulations Title 22, Chapter 11, Article 3, Tables II and III.

**STLC** - Soluble Threshold Limit Concentration value for hazardous waste established by State of California Code of Regulations Title 22, Chapter 11, Article 3, Tables II and III.

**TABLE 3**
**SUMMARY OF SOIL ANALYTICAL DATA - Pesticides, Hydrocarbons & VOCs**
**2263 CALLE del MUNDO**
**SANTA CLARA, CALIFORNIA**
**AllWest Project No. 18T023.23**

| Date Sampled | Sample Name and Depth in feet bgs | b-BHC (mg/kg) | p,p-DDD (mg/kg) | p,p-DDE (mg/kg) | p,p-DDT (mg/kg) | Dieldrin (mg/kg) | Endosulfan I (mg/kg) | Endosulfan II (mg/kg) | Endosulfan Sulfate (mg/kg) | Other OCPs (mg/kg) | BTEX (mg/kg) | TPH-g (C6-C12) (mg/kg) | TPH-d (C10-C23) (mg/kg) | TPH-mo (C18-C36) (mg/kg) | VOCS - All |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-1@1'-1.5' | 7/25/2018 | **0.016** | 0.098 | 0.25 | 0.017 | ND (<0.0010) | 0.0018 | ND (<0.0010) | 0.02 | ND, reporting limits vary | ND (<0.0050) | ND (<0.25) | 1.1 | ND (<5.0) | ND |
| SB-2@1'-1.5' | 7/25/2018 | ND (<0.0010) | 0.028 | 0.072 | 0.0011 | ND (<0.0010) | ND (<0.0010) | ND (<0.0010) | 0.0019 | ND, reporting limits vary | ND (<0.0050) | ND (<0.25) | ND (<1.0) | ND (<5.0) | ND |
| SB-3@1'-1.5' | 7/25/2018 | ND (<0.0010) | 0.0013 | 0.0024 | ND (<0.0010) | ND (<0.0010) | ND (<0.0010) | ND (<0.0010) | ND (<0.0010) | ND, reporting limits vary | ND (<0.0050) | ND (<0.25) | 1.1 | 5.5 | ND |
| SB-4@2'-2.5' | 7/25/2018 | ND (<0.0010) | ND (<0.0010) | 0.0056 | ND (<0.0010) | ND (<0.0010) | ND (<0.0010) | ND (<0.0010) | ND (<0.0010) | ND, reporting limits vary | ND (<0.0050) | ND (<0.25) | ND (<1.0) | ND (<5.0) | ND |
| SB-5@1'-1.5' | 7/25/2018 | 0.0021 | 0.028 | 0.064 | 0.0029 | ND (<0.0010) | ND (<0.0010) | ND (<0.0010) | 0.0017 | ND, reporting limits vary | ND (<0.0050) | ND (<0.25) | 1.2 | ND (<5.0) | ND |
| SB-6@1"-1.5 | 7/25/2018 | 0.0033 | 0.052 | 0.39 | 0.11 | ND (<0.0010) | 0.0017 P | ND (<0.0010) | ND (<0.0010) | ND, reporting limits vary | ND (<0.0050) | ND (<0.25) | 1.3 | ND (<5.0) | ND |
| SB-7@1'-1.5' | 7/25/2018 | ND (<0.0010) | 0.12 | 0.45 | 0.073 | ND (<0.0010) | ND (<0.0010) | ND (<0.0010) | ND (<0.0010) | ND, reporting limits vary | ND (<0.0050) | ND (<0.25) | ND (<1.0) | ND (<5.0) | ND |
| SB-8@1'-1.5' | 7/25/2018 | ND (<0.0010) | 0.083 | 0.25 | 0.0085 | **0.0012 P** | 0.0014 P | ND (<0.0010) | ND (<0.0010) | ND, reporting limits vary | ND (<0.0050) | ND (<0.25) | ND (<1.0) | ND (<5.0) | ND |
| SB-9@1'-1.5' | 7/25/2018 | ND (<0.0010) | 0.0014 | 0.0025 | ND (<0.0010) | ND (<0.0010) | ND (<0.0010) | ND (<0.0010) | ND (<0.0010) | ND, reporting limits vary | ND (<0.0050) | ND (<0.25) | ND (<1.0) | ND (<5.0) | ND |
| RWQCB Tier 1 ESLs | | **0.0098** | **2.7** | **1.9** | **1.9** | **0.00017** | **0.0046*** | **0.0046*** | **NE** | **Vary or NE** | **Vary** | **100** | **230** | **5,100** | **Vary** |

**Notes:**

All samples analyzed at McCampbell Analytical, Inc., Pittsburg, California.
All results are reported in milligrams per kilogram (mg/kg)
bgs = below ground surface
OCPs - Organochlorine Pesticides, analytical method SW8081A/8082
b-BHC - Hexachlorocyclohexane, analytical method SW8081A
p,p-DDD - p,p-dichlorodiphenyldichloroethane, analytical method SW8081A
p,p-DDE - p,p-dichlorodiphenyldichloroethene, analytical method SW8081A
VOCs - Volatile Organic Compounds, analytical method SW8260B
BTEX - Benzene, Toluene, Ethylbenzene and Xylenes, analytical method SW8260B
Qualifier P - Agreement between quantitative confirmation results exceeds method recommended limits.
* - value for Endosulfan

ND - Not Detected above laboratory reporting limit (listed in paranthesis)
NA - Not Analyzed
NE - Not Established

p,p-DDT - p,p-dichlorordiphenyltrichloroethene, analytical method SW8081A
TPH-g - Total Petroleum Hydrocarbons as Gasoline, analytical method SW8260B
TPH-d - Total Petroleum Hydrocarbons as Diesel, analytical method SW8015
TPH-mo - Total Petroleum Hydrocarbons as Motor Oil, analytical method SW8015

San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Tier 1 Environmental Screening Levels (ESLs), February 22, 2016, Revision 3 (May 23, 2016). Based on a generic conceptual site model designated for use at most sites. See User's Guide Chapter 2. Input settings are: Land Use = Residential; Groundwater Use = Drinking Water Resource; MCL Priority over Risk-Based Levels = Yes; Intact Building Slab = Yes; Groundwater Depth = Shallow; Soil Type = Sand Scenario; Soil Exposure Depth = Shallow.

**TABLE 4**
**SUMMARY OF GROUNDWATER ANALYTICAL DATA**
**2263 Calle del Mundo**
**Santa Clara, CA**
**AllWest Project 18T023.23**

| Date Sampled | Sample Name | TPH-g (C6-C12) (µg/L) | TPH-d (C10-C23) (µg/L) | TPH-mo (C18-C36) (µg/L) | VOCs - Bromomethane (µg/L) | VOCs - Chloromethane (µg/L) | VOCs - all other (µg/L) | Benzo (g,h,i) perylene (µg/L) | PAHs - all other (µg/L) | Ag | As | Ba | Be | Cd | Hexavent Chromium | Cr | Co | Cu (µg/L) | Pb (µg/L) | Hg (µg/L) | Mo (µg/L) | Ni (µg/L) | Sb (µg/L) | Se (ug/L) | Ti (µg/L) | V (ug/L) | Zn (µg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 07/25/18 | SB-2 | ND (<50) | **190** | **4,100** | 0.54 | 1.5 | ND (<0.50) | **0.62** | ND (<0.50) | ND (<0.19) | 0.93 | 100 | ND (<0.50) | ND (<0.25) | ND (<0.20) | 0.56 | **22** | 2.3 | ND (<0.50) | ND (<0.050) | **160** | 7.0 | ND (<0.50) | **7.3** | ND (<0.50) | 4.7 | ND (<15) |
| 07/25/18 | SB-3 | ND (<50) | ND (<50) | ND (<250) | ND (<0.50) | ND (<0.50) | ND (<0.50) | **0.91** | ND (<0.50) | ND (<0.19) | 0.87 | 16 | ND (<0.50) | ND (<0.25) | ND (<0.20) | ND (<0.50) | 1.9 | **4.3** | ND (<0.50) | ND (<0.050) | 79 | 5.5 | ND (<0.50) | ND (<0.50) | ND (<0.50) | 3.9 | ND (<15) |
| 07/25/18 | SB-8 | ND (<50) | ND (<50) | ND (<250) | ND (<0.50) | 0.64 | ND (<0.50) | **0.74** | ND (<0.50) | ND (<0.19) | 1.0 | 33 | ND (<0.50) | ND (<0.25) | 0.25 | 0.65 | **3.1** | **5.5** | ND (<0.50) | 0.050 | **110** | **8.7** | ND (<0.50) | ND (<0.50) | ND (<0.50) | 5.4 | ND (<15) |
| 07/25/18 | SB-9 | ND (<50) | ND (<50) | ND (<250) | ND (<0.50) | ND (<0.50) | ND (<0.50) | 0.024 | ND (<0.50) | ND (<0.19) | 1.0 | 22 | ND (<0.50) | ND (<0.25) | ND (<0.20) | ND (<0.50) | 2.2 | ND (<0.25) | ND (<0.50) | ND (<0.050) | 45 | 6.5 | ND (<0.50) | ND (<0.50) | ND (<0.50) | 5.4 | ND (<15) |
| RWQCB Tier 1 ESLs | | **100** | **100** | **100 See Note*** | **7.5** | **190** | **Vary** | **0.10** | **Vary** | **0.19** | **10** | **1,000** | **2.7** | **0.25** | **10** | **180 (Cr III)** | **3** | **3.1** | **2.5** | **0.051** | **100** | **8.2** | **6** | **5** | **2** | **19** | **81** |

**Notes:** All samples analyzed by McCampbell Analytical, Inc., Pittsburg, California
µg/L = micrograms per liter
TPH-g - Total Petroleum Hydrocarbons as Gasoline, analytical method SW8260B
TPH-d - Total Petroleum Hydrocarbons as Diesel, analytical method SW8015B
TPH-mo - Total Petroleum Hydrocarbons as Motor Oil, analytical method SW8015B
OCPs - Organochlorine Pesticides, analytical method SW8081A
PCBs - Polychlorinated Biphenyls, analytical method SW8082
VOCs - Volatile Organic Compounds (including chloroform), analytical method SW8260
SVOCs - Semi-Organic Volatile Compounds, analytical method SW8270C
CAM 17 Metals - Antimony (Sb), arsenic (As), barium (Ba), berylium (Be), cadmium (Cd), chromium (Cr; total Cr III & Cr VI), cobalt (Co), copper (Cu), lead (Pb), mercury (Hg), molybdenum (Mo), nickel (Ni), selenium (Se), silver (Ag), thallium (Tl), vanadium (V) and zince (Zn) by analytical method
Cr VI - Hexavalent chromium, analytical method EPA 218.6
ND (<0.50) - Not detected at or above listed reporting limit
NE - Not established
NA - Not Analyzed
* TPH motor oil is not soluble. TPH motor oil detections in water most likely are petroleum degradates or less likely NAPL. If the detections are degradates, add TPH motor oil and TPH diesel results and compare to TPH diesel criterion.

San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Tier 1 Environmental Screening Levels (ESLs), February 22, 2016, Revision 3 (May 23, 2016). Based on a generic conceptual site model designated for use at most sites. See User's Guide Chapter 2. Input settings are: Land Use = Residential; Groundwater Use = Drinking Water Resource; MCL Priority over Risk-Based Levels = Yes; Intact Building Slab = Yes; Groundwater Depth = Shallow; Soil Type = Sand Scenario; Soil Exposure Depth = Shallow.

# APPENDIX A

# STANDARD GEOPROBE™ DPT SAMPLING PROCEDURES

## Soil Sampling

Direct push technology (DPT) soil core sampling using Geoprobe™ or similar methods is accomplished using a nominal 4-foot long, 2-inch outside diameter (OD) stainless steel core barrel drive probe and extension rods. The drive probe is equipped with nominal 1 ½-inch inside diameter (ID) clear PVC plastic tubes that line the interior of the probe. The probe and insert tubes are together hydraulically driven using a percussion hammer in 4-foot intervals to the specified depth. After each drive interval the drive probe and rods are retrieved to the surface. The PVC tube containing subsurface soil is then removed. Selected soil sample intervals can be cut from the 4-foot PVC tube for possible analytical or geotechnical testing, or other purposes.

The drive probe is then cleaned, equipped with a new PVC tube and reinserted into the boring with extension rods as required. The apparatus is then driven following the above procedure until the desired depth is obtained. The PVC tubes and recovered soil are inspected after each drive interval with lithologic and relevant drilling observations recorded. Soil samples are screened for organic vapors using an organic vapor meter (OVM), photo-ionization detector (PID) or other appropriate device. OVM/PID readings, soil staining and other relevant observations are recorded. The soils contained in the sample liners are then classified according to the Uniform Soil Classification System and recorded on the soil boring logs.

Sample liners selected for laboratory analyses are sealed with Teflon™ sheets, plastic end caps, and silicon tape. Samples can also be collected from inside the liner using an EnCore™ type sampler per EPA Method 5035. The sealed sample liner is then labeled, sealed in a plastic bag, and placed in an ice chest cooled to 4°C with crushed ice for temporary field storage and transportation. The standard chain-of-custody protocol is maintained for all soil samples from the time of collection to arrival at the laboratory.

## Groundwater Sampling

Groundwater sampling is performed after the completion of soil sampling and when the boring has reached its desired depth. The steel probe and rods are then removed from the boring and new, nominal 1-inch diameter PVC solid and perforated temporary casing is lowered into the borehole. Alternatively, a retractable screen sampling device such as a Hydropunch™ can be driven to the desired depth and pulled back to expose the screened interval. Depth to water is then measured using an electronic groundwater sounding probe. Groundwater samples are collected using a stainless steel bailer, disposable polyethylene bailer, or check valve or peristaltic pump with disposable Teflon™ or polyethylene sample tubing.

After the retrieval of the bailer, groundwater contained in the bailer (or discharged from sample tubing) is decanted into laboratory provided containers. The containers are then sealed with Teflon™ coated caps with no headspace, labeled, and placed in an ice chest for field storage and transportation to a state certified analytical laboratory. The standard chain-of-custody protocols are followed from sample collection to delivery to the laboratory. A new bailer (or sample tubing) is used for each groundwater sampling location to avoid cross contamination.

# APPENDIX B

AllWest
2141 Mission St Ste 100
San Francisco, CA 94110
Telephone: 415-391-2510
Fax: 415-391-2008

# BORING NUMBER SB-1



**CLIENT** Ensemble Investments Inc.
**PROJECT NAME** Calle Del Mundo
**PROJECT NUMBER** 18T023.23
**PROJECT LOCATION** 2263 Calle Del Mundo, Santa Clara, CA
**DATE STARTED** 7/25/18 **COMPLETED** 7/25/18
**GROUND ELEVATION** **HOLE SIZE** 2"
**DRILLING CONTRACTOR** ECA
**GROUND WATER LEVELS:**
**DRILLING METHOD** Direct Push
**AT TIME OF DRILLING** ---
**LOGGED BY** Sara Bloom **CHECKED BY** Leonard Niles, PG, CHG
**AT END OF DRILLING** ---
**NOTES** Samples collected with Macrocore
**AFTER DRILLING** ---

| DEPTH (ft) | SAMPLE TYPE NUMBER | RECOVERY % | U.S.C.S. | GRAPHIC LOG | MATERIAL DESCRIPTION | Environmental Data |
|---|---|---|---|---|---|---|
| 0 | | 100 | SW | | 0.3 4" of concrete | |
| | | 100 | | | 0.5 (SW) Tan, Sand, fine-coarse grained, moist. (3"-4") | |
| | UD SB-1@1'-1.5' | 100 | | | (CL) Brown/gray, sandy clay, fine-coars sand, moist | PID = 0.3 |
| | | 100 | | | | |
| 5 | UD SB-1@4'-4.5' | 100 | CL | | | PID = 0 |
| | | 100 | | | | |
| | UD SB-1@7.5'-8' | 100 | | | 8.0 | PID = 0.1 |

Bottom of borehole at 8.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/21/18 11:49 - Z:\PROJECTS IN PROGRESS\2018\SANTA ANA\SUBSURFACE\18T023.23 MUNDO SUBO\GINT LOGS\CALLE DEL MUNDO.GPJ

AllWest
2141 Mission St Ste 100
San Francisco, CA 94110
Telephone: 415-391-2510
Fax: 415-391-2008

# BORING NUMBER SB-2



**CLIENT** Ensemble Investments Inc.
**PROJECT NAME** Calle Del Mundo
**PROJECT NUMBER** 18T023.23
**PROJECT LOCATION** 2263 Calle Del Mundo, Santa Clara, CA
**DATE STARTED** 7/25/18 **COMPLETED** 7/25/18
**GROUND ELEVATION** **HOLE SIZE** 2"
**DRILLING CONTRACTOR** ECA
**GROUND WATER LEVELS:**
**DRILLING METHOD** Direct Push
**AT TIME OF DRILLING** 12.00 ft
**LOGGED BY** Sara Bloom **CHECKED BY** Leonard Niles, PG, CHG
**AT END OF DRILLING** ---
**NOTES** Samples collected with Macrocore
**AFTER DRILLING** 9.00 ft Sampled at 12:55 PM

| DEPTH (ft) | SAMPLE TYPE NUMBER | RECOVERY % | U.S.C.S. | GRAPHIC LOG | MATERIAL DESCRIPTION | Environmental Data |
|---|---|---|---|---|---|---|
| 0 | | 100 | | | 0.2 2" of Asphalt | |
| | UD SB-2@1'-1.5' | 100 | SW | | (SW) Fill - brown, sand with gravel, fine-coarse sand, fine gravel, moist | PID = 0.4 |
| | | 100 | | | 2.0 | |
| | | 100 | CL | | 2.5 (CL) Dark brown, clay, trace gravel, moist, low plasticity | |
| | | | CL | | (CL) Same as above except color changed to black | |
| 5 | UD SB-2@4'-4.5' | 100 | | | 5.0 | PID = 0 |
| | | 100 | CL | | (CL) Same as above except color changed to brown | |
| 10 | UD SB-2@8'-8.5' | 100 | | | | PID = 0 |
| | | 100 | | | 12.0 | |

Bottom of borehole at 12.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/21/18 11:49 - Z:\PROJECTS IN PROGRESS\2018\SANTA ANA\SUBSURFACE\18T023.23 MUNDO SUBO\GINT LOGS\CALLE DEL MUNDO.GPJ

AllWest
2141 Mission St Ste 100
San Francisco, CA 94110
Telephone: 415-391-2510
Fax: 415-391-2008

# BORING NUMBER SB-3



**CLIENT** Ensemble Investments Inc.
**PROJECT NAME** Calle Del Mundo
**PROJECT NUMBER** 18T023.23
**PROJECT LOCATION** 2263 Calle Del Mundo, Santa Clara, CA
**DATE STARTED** 7/25/18 **COMPLETED** 7/25/18
**GROUND ELEVATION** **HOLE SIZE** 2"
**DRILLING CONTRACTOR** ECA
**GROUND WATER LEVELS:**
**DRILLING METHOD** Direct Push
**AT TIME OF DRILLING** 14.00 ft
**LOGGED BY** Sara Bloom **CHECKED BY** Leonard Niles, PG, CHG
**AT END OF DRILLING** ---
**NOTES** Samples collected with Macrocore
**AFTER DRILLING** 6.30 ft Sampled GW at 12:12 PM

| DEPTH (ft) | SAMPLE TYPE NUMBER | RECOVERY % | U.S.C.S. | GRAPHIC LOG | MATERIAL DESCRIPTION | Environmental Data |
|---|---|---|---|---|---|---|
| 0 | | 100 | | | 0.2 2" of Asphalt | |
| | | 100 | | | (CL) Brown, clay, moist, trace organics/roots, low plasticity | |
| | UD SB-3@1'-1.5' | 100 | | | | PID = 0.3 |
| | | 100 | | | | |
| 5 | UD SB-3@4'-4.5' | 100 | CL | | | PID = 0.2 |
| | | 100 | | | | |
| 10 | UD SB-3@8'-8.5' | 100 | | | | PID = 0 |
| | | 100 | | | 11.5 (ML) Brown, clayey silt, wet low plasticity | |
| | UD SB-3@11.5'-12' | 100 | ML | | 14.0 | |

Bottom of borehole at 14.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/21/18 11:49 - Z:\PROJECTS IN PROGRESS\2018\SANTA ANA\SUBSURFACE\18T023.23 MUNDO SUBO\GINT LOGS\CALLE DEL MUNDO.GPJ

AllWest
2141 Mission St Ste 100
San Francisco, CA 94110
Telephone: 415-391-2510
Fax: 415-391-2008

# BORING NUMBER SB-4



**CLIENT** Ensemble Investments Inc.
**PROJECT NAME** Calle Del Mundo
**PROJECT NUMBER** 18T023.23
**PROJECT LOCATION** 2263 Calle Del Mundo, Santa Clara, CA
**DATE STARTED** 7/25/18 **COMPLETED** 7/25/18
**GROUND ELEVATION** **HOLE SIZE** 2"
**DRILLING CONTRACTOR** ECA
**GROUND WATER LEVELS:**
**DRILLING METHOD** Direct Push
**AT TIME OF DRILLING** ---
**LOGGED BY** Sara Bloom **CHECKED BY** Leonard Niles, PG, CHG
**AT END OF DRILLING** ---
**NOTES** Samples collected with Macrocore
**AFTER DRILLING** ---

| DEPTH (ft) | SAMPLE TYPE NUMBER | RECOVERY % | U.S.C.S. | GRAPHIC LOG | MATERIAL DESCRIPTION | Environmental Data |
|---|---|---|---|---|---|---|
| 0 | | 100 | | | 0.3 4" of concrete | |
| | | 0 | | | No recovery 2.0 | |
| | UD SB-4@2'-2.5' | 100 | CL | | (CL) Dark brown, clay, low plasticity, moist | PID = 0 |
| | | 100 | | | | |
| 5 | UD SB-4@4'-4.5' | 100 | | | | PID = 0.1 |
| | | 100 | | | | |
| | UD SB-4@7.5'-8' | 100 | | | 8.0 | PID = 0.1 |

Bottom of borehole at 8.0 feet.

GENERAL BH / TP / WELL - GINT STD US.GDT - 8/21/18 11:49 - Z:\PROJECTS IN PROGRESS\2018\SANTA ANA\SUBSURFACE\18T023.23 MUNDO SUBO\GINT LOGS\CALLE DEL MUNDO.GPJ

AllWest
2141 Mission St Ste 100
San Francisco, CA 94110
Telephone: 415-391-2510
Fax: 415-391-2008

# BORING NUMBER SB-5



**CLIENT** Ensemble Investments Inc.
**PROJECT NAME** Calle Del Mundo
**PROJECT NUMBER** 18T023.23
**PROJECT LOCATION** 2263 Calle Del Mundo, Santa Clara, CA
**DATE STARTED** 7/25/18 **COMPLETED** 7/25/18
**GROUND ELEVATION** **HOLE SIZE** 2"
**DRILLING CONTRACTOR** ECA
**GROUND WATER LEVELS:**
**DRILLING METHOD** Direct Push
**AT TIME OF DRILLING** ---
**LOGGED BY** Sara Bloom **CHECKED BY** Leonard Niles, PG, CHG
**AT END OF DRILLING** ---
**NOTES** Samples collected with Macrocore
**AFTER DRILLING** ---

| DEPTH (ft) | SAMPLE TYPE NUMBER | RECOVERY % | U.S.C.S. | GRAPHIC LOG | MATERIAL DESCRIPTION | Environmental Data |
|---|---|---|---|---|---|---|
| 0 | | 100 | SW | | 0.3 4" of concrete | |
| | | 100 | CL | | 0.5 (SW) Tan, Sand, fine-coarse grained, moist. (3"-4") | PID = 0 |
| | UD SB-5@1'-1.5' | 100 | | | 2.0 (CL) Brown/gray, sandy clay, fine-coars sand, moist | |
| | | 100 | CL | | (CL) Dark brown, clay, low plasticity, trace sand | |
| 5 | UD SB-5@4'-4.5' | 100 | | | | PID = 0 |
| | | 100 | CL | | 5.5 (CL) Same as above except color changed to brown with trace coarse sand | |
| | UD SB-5@7.5'-8' | 100 | | | 8.0 | PID = 0 |

Bottom of borehole at 8.0 feet.

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# BORING NUMBER SB-6



**CLIENT** Ensemble Investments Inc.
**PROJECT NAME** Calle Del Mundo
**PROJECT NUMBER** 18T023.23
**PROJECT LOCATION** 2263 Calle Del Mundo, Santa Clara, CA
**DATE STARTED** 7/25/18 **COMPLETED** 7/25/18
**GROUND ELEVATION** **HOLE SIZE** 2"
**DRILLING CONTRACTOR** ECA
**GROUND WATER LEVELS:**
**DRILLING METHOD** Direct Push
**AT TIME OF DRILLING** ---
**LOGGED BY** Sara Bloom **CHECKED BY** Leonard Niles, PG, CHG
**AT END OF DRILLING** ---
**NOTES** Samples collected with Macrocore
**AFTER DRILLING** ---

| DEPTH (ft) | SAMPLE TYPE NUMBER | RECOVERY % | U.S.C.S. | GRAPHIC LOG | MATERIAL DESCRIPTION | Environmental Data |
|---|---|---|---|---|---|---|
| 0 | | 100 | SW | | 0.3 4" of concrete | |
| | | 100 | | | 0.5 (SW) Tan, Sand, fine-coarse grained, moist. (3"-4") | |
| | UD SB-6@1'-1.5' | 100 | CL | | 2.0 (CL) Brown/gray, sandy clay, fine-coars sand, moist | PID = 0.2 |
| | | 100 | | | (CL) Brown, clay, low plasticity, trace sand | |
| 5 | UD SB-6@4'-4.5' | 100 | CL | | | PID = 0.1 |
| | | 100 | | | | |
| | UD SB-6@7.5'-8' | 100 | | | 8.0 | PID = 0.2 |

Bottom of borehole at 8.0 feet.

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# BORING NUMBER SB-7



**CLIENT** Ensemble Investments Inc.
**PROJECT NAME** Calle Del Mundo
**PROJECT NUMBER** 18T023.23
**PROJECT LOCATION** 2263 Calle Del Mundo, Santa Clara, CA
**DATE STARTED** 7/25/18 **COMPLETED** 7/25/18
**GROUND ELEVATION** **HOLE SIZE** 2"
**DRILLING CONTRACTOR** ECA
**GROUND WATER LEVELS:**
**DRILLING METHOD** Direct Push
**AT TIME OF DRILLING** ---
**LOGGED BY** Sara Bloom **CHECKED BY** Leonard Niles, PG, CHG
**AT END OF DRILLING** ---
**NOTES** Samples collected with Macrocore
**AFTER DRILLING** ---

| DEPTH (ft) | SAMPLE TYPE NUMBER | RECOVERY % | U.S.C.S. | GRAPHIC LOG | MATERIAL DESCRIPTION | Environmental Data |
|---|---|---|---|---|---|---|
| 0 | | 100 | SW | | 0.3 4" of concrete | |
| | | 100 | CL | | 0.5 (SW) Tan, Sand, fine-coarse grained, moist. (3"-4") | PID = 0.6 |
| | UD SB-7@1'-1.5' | 100 | | | 2.0 (CL) Brown/gray, sandy clay, fine-coars sand, moist | |
| | | 100 | CL | | (CL) Black, clay, low plasticity, trace sand | |
| 5 | UD SB-7@4'-4.5' | 100 | | | | PID = 0.3 |
| | | 100 | CL | | 5.5 (CL) Same as above except color changed to brown | |
| | UD SB-7@7.5'-8' | 100 | | | 8.0 | PID = 0 |

Bottom of borehole at 8.0 feet.

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# BORING NUMBER SB-8



**CLIENT** Ensemble Investments Inc.
**PROJECT NAME** Calle Del Mundo
**PROJECT NUMBER** 18T023.23
**PROJECT LOCATION** 2263 Calle Del Mundo, Santa Clara, CA
**DATE STARTED** 7/25/18 **COMPLETED** 7/25/18
**GROUND ELEVATION** **HOLE SIZE** 2"
**DRILLING CONTRACTOR** ECA
**GROUND WATER LEVELS:**
**DRILLING METHOD** Direct Push
**AT TIME OF DRILLING** 14.00 ft
**LOGGED BY** Sara Bloom **CHECKED BY** Leonard Niles, PG, CHG
**AT END OF DRILLING** ---
**NOTES** Samples collected with Macrocore
**AFTER DRILLING** 8.50 ft Sampled GW at 0822

| DEPTH (ft) | SAMPLE TYPE NUMBER | RECOVERY % | U.S.C.S. | GRAPHIC LOG | MATERIAL DESCRIPTION | Environmental Data |
|---|---|---|---|---|---|---|
| 0 | | 100 | | | 0.2 2" of Asphalt | |
| | UD SB-8@1'-1.5' | 100 100 | SW | | (SW) Fill - brown, sand with gravel, fine-coarse sand, fine gravel, moist 2.0 | PID = 0.2 |
| | | 100 | CL | | 2.5 (CL) Dark brown, clay, trace gravel, moist, low plasticity | |
| | | | CL | | (CL) Same as above except color changed to black | |
| 5 | UD SB-8@4'-4.5' | 100 | | | 5.0 | PID = 0.2 |
| | | 100 | CL | | (CL) Same as above except color changed to brown | |
| 10 | UD SB-8@8'-8.5' | 100 100 | CL | | | PID = 0.1 |
| | UD SB-8@11'-11.5' | 100 | | | 12.0 | |
| | | 100 | CL | | 13.0 (CL) Same as above except no gravel, high plasticity | |
| | | | ML | | 14.0 (ML) Brown, silt, wet, no plasticity | |

Bottom of borehole at 14.0 feet.

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# BORING NUMBER SB-9



**CLIENT** Ensemble Investments Inc.
**PROJECT NAME** Calle Del Mundo
**PROJECT NUMBER** 18T023.23
**PROJECT LOCATION** 2263 Calle Del Mundo, Santa Clara, CA
**DATE STARTED** 7/25/18 **COMPLETED** 7/25/18
**GROUND ELEVATION** **HOLE SIZE** 2"
**DRILLING CONTRACTOR** ECA
**GROUND WATER LEVELS:**
**DRILLING METHOD** Direct Push
**AT TIME OF DRILLING** 14.00 ft
**LOGGED BY** Sara Bloom **CHECKED BY** Leonard Niles, PG, CHG
**AT END OF DRILLING** ---
**NOTES** Samples collected with Macrocore
**AFTER DRILLING** 8.00 ft Sampled GW at 9:50 AM

| DEPTH (ft) | SAMPLE TYPE NUMBER | RECOVERY % | U.S.C.S. | GRAPHIC LOG | MATERIAL DESCRIPTION | Environmental Data |
|---|---|---|---|---|---|---|
| 0 | | 100 | | | 0.2 2" of asphalt | |
| | UD SB-9@1'-1.5' | 100 | SW | | (SW) Fill - Brown, sand with gravel, fine-coarse sand, fine gravel, moist | PID = 0 |
| | | 100 | | | 2.0 | |
| | | 100 | CL | | 2.5 (CL) Dark brown, clay, trace gravel, moist, low plasticity | |
| | | | CL | | (CL) Same as above except color changed to black | |
| 5 | UD SB-9@4'-4.5' | 100 | | | 5.0 | PID = 0.1 |
| | | 100 | CL | | (CL) Same as above except color changed to brown | |
| 10 | UD SB-9@8'-8.5' | 100 | CL | | | PID = 0.1 |
| | | 100 | | | | |
| | UD SB-9@11.5'-12' | 100 | | | 12.0 | PID = 0 |
| | | 100 | CL | | 13.0 (CL) Same as above except no gravel, high plasticity | |
| | | | ML | | 14.0 (ML) Brown, silt, wet, no plasticity | |

Bottom of borehole at 14.0 feet.

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# APPENDIX C

# McCampbell Analytical, Inc.

*"When Quality Counts"*

# Analytical Report

**WorkOrder:** 1807D11 **Amended:** 08/14/2018

**Report Created for:** All West Environmental, Inc

2141 Mission Street, Ste 100
San Francisco, CA 94110

**Project Contact:** Leonard Niles
**Project P.O.:**
**Project:** 18T023.23; Calle Del Mundo (CDM)

**Project Received:** 07/26/2018

Analytical Report reviewed & approved for release on 08/14/2018 by:

Christine Askari
Project Manager

***The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.***

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# Glossary of Terms & Qualifier Definitions

**Client:** All West Environmental, Inc
**Project:** 18T023.23; Calle Del Mundo (CDM)
**WorkOrder:** 1807D11

## Glossary Abbreviation

| | |
|---|---|
| %D | Serial Dilution Percent Difference |
| 95% Interval | 95% Confident Interval |
| DF | Dilution Factor |
| DI WET | (DISTLC) Waste Extraction Test using DI water |
| DISS | Dissolved (direct analysis of 0.45 µm filtered and acidified water sample) |
| DLT | Dilution Test (Serial Dilution) |
| DUP | Duplicate |
| EDL | Estimated Detection Limit |
| ERS | External reference sample. Second source calibration verification. |
| ITEF | International Toxicity Equivalence Factor |
| LCS | Laboratory Control Sample |
| MB | Method Blank |
| MB % Rec | % Recovery of Surrogate in Method Blank, if applicable |
| MDL | Method Detection Limit |
| ML | Minimum Level of Quantitation |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| N/A | Not Applicable |
| ND | Not detected at or above the indicated MDL or RL |
| NR | Data Not Reported due to matrix interference or insufficient sample amount. |
| PDS | Post Digestion Spike |
| PDSD | Post Digestion Spike Duplicate |
| PF | Prep Factor |
| RD | Relative Difference |
| RL | Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.) |
| RPD | Relative Percent Deviation |
| RRT | Relative Retention Time |
| SPK Val | Spike Value |
| SPKRef Val | Spike Reference Value |
| SPLP | Synthetic Precipitation Leachate Procedure |
| ST | Sorbent Tube |
| TCLP | Toxicity Characteristic Leachate Procedure |
| TEQ | Toxicity Equivalents |
| WET (STLC) | Waste Extraction Test (Soluble Threshold Limit Concentration) |

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# Glossary of Terms & Qualifier Definitions

**Client:** All West Environmental, Inc
**Project:** 18T023.23; Calle Del Mundo (CDM)
**WorkOrder:** 1807D11

## Analytical Qualifiers

| | |
|---|---|
| J | Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value. |
| P | Agreement between quantitative confirmation results exceed method recommended limits |
| S | Surrogate spike recovery outside accepted recovery limits |
| c12 | Surrogate recovery outside of the control limits |
| e1 | Unmodified or weakly modified diesel is significant |
| e2 | Diesel range compounds are significant; no recognizable pattern |
| e7 | Oil range compounds are significant |

## Quality Control Qualifiers

| | |
|---|---|
| F2 | LCS/LCSD recovery and/or RPD is out of acceptance criteria. |
| F10 | MS/MSD outside control limits. Physical or chemical interferences exist due to sample matrix. |

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# Detection Summary

**Client:** All West Environmental, Inc **WorkOrder:** 1807D11

**Project:** 18T023.23; Calle Del Mundo (CDM)

**Client ID: SB-1@1'-1.5'** **Lab ID: 1807D11-001A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Antimony | 0.65 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Arsenic | 8.7 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Barium | 170 | | 5.0 | 1 | mg/Kg | | SW6020 |
| Beryllium | 0.61 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cadmium | 0.55 | | 0.25 | 1 | mg/Kg | | SW6020 |
| Chromium | 65 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cobalt | 21 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Copper | 40 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Lead | 15 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Mercury | 1.9 | | 0.050 | 1 | mg/Kg | | SW6020 |
| Molybdenum | 1.6 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Nickel | 100 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Vanadium | 69 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Zinc | 64 | | 5.0 | 1 | mg/Kg | | SW6020 |
| TPH-Diesel (C10-C23) | 1.1 | | 1.0 | 1 | mg/Kg | SG | SW8015B |
| b-BHC | 0.016 | | 0.0010 | 1 | mg/kg | | SW8081A |
| p,p-DDD | 0.098 | | 0.0010 | 1 | mg/kg | | SW8081A |
| p,p-DDE | 0.25 | | 0.0050 | 5 | mg/kg | | SW8081A |
| p,p-DDT | 0.017 | | 0.0010 | 1 | mg/kg | | SW8081A |
| Endosulfan I | 0.0018 | | 0.0010 | 1 | mg/kg | | SW8081A |
| Endosulfan sulfate | 0.020 | | 0.0010 | 1 | mg/kg | | SW8081A |
| Benzo (a) anthracene | 0.014 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |
| Benzo (b) fluoranthene | 0.017 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |
| Benzo (g,h,i) perylene | 0.047 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |
| Dibenzo (a,h) anthracene | 0.010 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |
| Indeno (1,2,3-cd) pyrene | 0.024 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |

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# Detection Summary

**Client:** All West Environmental, Inc **WorkOrder:** 1807D11
**Project:** 18T023.23; Calle Del Mundo (CDM)

**Client ID: SB-2@1'-1.5'** **Lab ID: 1807D11-004A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Antimony | 0.69 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Arsenic | 8.6 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Barium | 210 | | 5.0 | 1 | mg/Kg | | SW6020 |
| Beryllium | 0.86 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Chromium | 71 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cobalt | 17 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Copper | 37 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Lead | 14 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Mercury | 0.92 | | 0.050 | 1 | mg/Kg | | SW6020 |
| Molybdenum | 1.1 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Nickel | 87 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Vanadium | 66 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Zinc | 66 | | 5.0 | 1 | mg/Kg | | SW6020 |
| p,p-DDD | 0.028 | | 0.0010 | 1 | mg/kg | | SW8081A |
| p,p-DDE | 0.072 | | 0.0010 | 1 | mg/kg | | SW8081A |
| p,p-DDT | 0.0011 | | 0.0010 | 1 | mg/kg | | SW8081A |
| Endosulfan sulfate | 0.0019 | | 0.0010 | 1 | mg/kg | | SW8081A |

**Client ID: SB-3@1'-1.5'** **Lab ID: 1807D11-007A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Antimony | 0.62 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Arsenic | 5.1 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Barium | 250 | | 5.0 | 1 | mg/Kg | | SW6020 |
| Beryllium | 0.71 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cadmium | 0.34 | | 0.25 | 1 | mg/Kg | | SW6020 |
| Chromium | 57 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cobalt | 12 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Copper | 32 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Lead | 10 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Mercury | 0.37 | | 0.050 | 1 | mg/Kg | | SW6020 |
| Molybdenum | 1.0 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Nickel | 66 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Selenium | 0.51 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Vanadium | 59 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Zinc | 62 | | 5.0 | 1 | mg/Kg | | SW6020 |
| TPH-Diesel (C10-C23) | 1.1 | | 1.0 | 1 | mg/Kg | SG | SW8015B |
| TPH-Motor Oil (C18-C36) | 5.5 | | 5.0 | 1 | mg/Kg | SG | SW8015B |
| p,p-DDD | 0.0013 | | 0.0010 | 1 | mg/kg | | SW8081A |
| p,p-DDE | 0.0024 | | 0.0010 | 1 | mg/kg | | SW8081A |
| Benzo (g,h,i) perylene | 0.035 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |

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# Detection Summary

**Client:** All West Environmental, Inc **WorkOrder:** 1807D11
**Project:** 18T023.23; Calle Del Mundo (CDM)

**Client ID: SB-4@2'-2.5'** **Lab ID: 1807D11-011A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Antimony | 0.67 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Arsenic | 6.2 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Barium | 160 | | 5.0 | 1 | mg/Kg | | SW6020 |
| Beryllium | 0.74 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Chromium | 60 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cobalt | 15 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Copper | 30 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Lead | 13 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Mercury | 1.5 | | 0.050 | 1 | mg/Kg | | SW6020 |
| Molybdenum | 1.3 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Nickel | 78 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Vanadium | 54 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Zinc | 57 | | 5.0 | 1 | mg/Kg | | SW6020 |
| Hexavalent chromium | 0.28 | | 0.20 | 1 | mg/Kg | | SW7199 |
| p,p-DDE | 0.0056 | | 0.0010 | 1 | mg/kg | | SW8081A |
| Benzo (g,h,i) perylene | 0.035 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |

**Client ID: SB-5@1'-1.5'** **Lab ID: 1807D11-014A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Antimony | 0.55 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Arsenic | 6.5 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Barium | 220 | | 5.0 | 1 | mg/Kg | | SW6020 |
| Beryllium | 0.89 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cadmium | 0.33 | | 0.25 | 1 | mg/Kg | | SW6020 |
| Chromium | 83 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cobalt | 17 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Copper | 42 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Lead | 13 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Mercury | 0.55 | | 0.050 | 1 | mg/Kg | | SW6020 |
| Molybdenum | 1.6 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Nickel | 110 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Vanadium | 72 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Zinc | 69 | | 5.0 | 1 | mg/Kg | | SW6020 |
| Hexavalent chromium | 0.18 | J | 0.20 | 1 | mg/Kg | | SW7199 |
| TPH-Diesel (C10-C23) | 1.2 | | 1.0 | 1 | mg/Kg | SG | SW8015B |
| b-BHC | 0.0021 | | 0.0010 | 1 | mg/kg | | SW8081A |
| p,p-DDD | 0.028 | | 0.0010 | 1 | mg/kg | | SW8081A |
| p,p-DDE | 0.064 | | 0.0010 | 1 | mg/kg | | SW8081A |
| p,p-DDT | 0.0029 | | 0.0010 | 1 | mg/kg | | SW8081A |
| Endosulfan sulfate | 0.0017 | | 0.0010 | 1 | mg/kg | | SW8081A |

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# Detection Summary

**Client:** All West Environmental, Inc **WorkOrder:** 1807D11

**Project:** 18T023.23; Calle Del Mundo (CDM)

**Client ID: SB-6@1'-1.5'** **Lab ID: 1807D11-017A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Antimony | 0.68 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Arsenic | 12 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Barium | 160 | | 5.0 | 1 | mg/Kg | | SW6020 |
| Beryllium | 0.67 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cadmium | 0.43 | | 0.25 | 1 | mg/Kg | | SW6020 |
| Chromium | 80 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cobalt | 16 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Copper | 46 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Lead | 20 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Mercury | 1.8 | | 0.050 | 1 | mg/Kg | | SW6020 |
| Molybdenum | 1.0 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Nickel | 140 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Vanadium | 64 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Zinc | 67 | | 5.0 | 1 | mg/Kg | | SW6020 |
| Hexavalent chromium | 0.11 | J | 0.20 | 1 | mg/Kg | | SW7199 |
| TPH-Diesel (C10-C23) | 1.3 | | 1.0 | 1 | mg/Kg | SG | SW8015B |
| b-BHC | 0.0033 | | 0.0010 | 1 | mg/kg | | SW8081A |
| p,p-DDD | 0.052 | | 0.0010 | 1 | mg/kg | | SW8081A |
| p,p-DDE | 0.39 | | 0.0050 | 5 | mg/kg | | SW8081A |
| p,p-DDT | 0.11 | | 0.0010 | 1 | mg/kg | | SW8081A |
| Endosulfan I | 0.0017 | P | 0.0010 | 1 | mg/kg | | SW8081A |
| Benzo (b) fluoranthene | 0.011 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |
| Benzo (g,h,i) perylene | 0.029 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |
| Indeno (1,2,3-cd) pyrene | 0.013 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |

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# Detection Summary

**Client:** All West Environmental, Inc **WorkOrder:** 1807D11

**Project:** 18T023.23; Calle Del Mundo (CDM)

**Client ID: SB-7@1'-1.5'** **Lab ID: 1807D11-020A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Antimony | 1.1 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Arsenic | 22 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Barium | 220 | | 5.0 | 1 | mg/Kg | | SW6020 |
| Beryllium | 0.79 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cadmium | 0.35 | | 0.25 | 1 | mg/Kg | | SW6020 |
| Chromium | 83 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cobalt | 18 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Copper | 51 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Lead | 30 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Mercury | 3.1 | | 0.050 | 1 | mg/Kg | | SW6020 |
| Molybdenum | 1.1 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Nickel | 120 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Vanadium | 70 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Zinc | 98 | | 5.0 | 1 | mg/Kg | | SW6020 |
| p,p-DDD | 0.12 | | 0.0010 | 1 | mg/kg | | SW8081A |
| p,p-DDE | 0.45 | | 0.0050 | 5 | mg/kg | | SW8081A |
| p,p-DDT | 0.073 | | 0.0010 | 1 | mg/kg | | SW8081A |
| Benzo (a) anthracene | 0.010 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |
| Benzo (b) fluoranthene | 0.011 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |
| Benzo (g,h,i) perylene | 0.031 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |
| Indeno (1,2,3-cd) pyrene | 0.014 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |

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# Detection Summary

**Client:** All West Environmental, Inc **WorkOrder:** 1807D11

**Project:** 18T023.23; Calle Del Mundo (CDM)

**Client ID: SB-8@1'-1.5'** **Lab ID: 1807D11-023A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Antimony | 1.0 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Arsenic | 15 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Barium | 480 | | 5.0 | 1 | mg/Kg | | SW6020 |
| Beryllium | 0.71 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cadmium | 0.66 | | 0.25 | 1 | mg/Kg | | SW6020 |
| Chromium | 92 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cobalt | 20 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Copper | 51 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Lead | 21 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Mercury | 1.9 | | 0.050 | 1 | mg/Kg | | SW6020 |
| Molybdenum | 1.5 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Nickel | 160 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Selenium | 0.82 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Vanadium | 83 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Zinc | 85 | | 5.0 | 1 | mg/Kg | | SW6020 |
| Hexavalent chromium | 0.66 | | 0.20 | 1 | mg/Kg | | SW7199 |
| p,p-DDD | 0.083 | | 0.0010 | 1 | mg/kg | | SW8081A |
| p,p-DDE | 0.25 | | 0.0050 | 5 | mg/kg | | SW8081A |
| p,p-DDT | 0.0085 | | 0.0010 | 1 | mg/kg | | SW8081A |
| Dieldrin | 0.0012 | P | 0.0010 | 1 | mg/kg | | SW8081A |
| Endosulfan I | 0.0014 | P | 0.0010 | 1 | mg/kg | | SW8081A |
| Benzo (a) anthracene | 0.014 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |
| Benzo (b) fluoranthene | 0.014 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |
| Benzo (g,h,i) perylene | 0.020 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |

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# Detection Summary

**Client:** All West Environmental, Inc **WorkOrder:** 1807D11
**Project:** 18T023.23; Calle Del Mundo (CDM)

**Client ID: SB-9@1'-1.5'** **Lab ID: 1807D11-027A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Antimony | 0.67 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Arsenic | 6.4 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Barium | 200 | | 5.0 | 1 | mg/Kg | | SW6020 |
| Beryllium | 0.86 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Chromium | 70 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Cobalt | 17 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Copper | 35 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Lead | 12 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Mercury | 0.74 | | 0.050 | 1 | mg/Kg | | SW6020 |
| Molybdenum | 1.1 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Nickel | 83 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Vanadium | 66 | | 0.50 | 1 | mg/Kg | | SW6020 |
| Zinc | 60 | | 5.0 | 1 | mg/Kg | | SW6020 |
| Hexavalent chromium | 0.14 | J | 0.20 | 1 | mg/Kg | | SW7199 |
| p,p-DDD | 0.0014 | | 0.0010 | 1 | mg/kg | | SW8081A |
| p,p-DDE | 0.0025 | | 0.0010 | 1 | mg/kg | | SW8081A |
| Benzo (g,h,i) perylene | 0.024 | | 0.010 | 1 | mg/kg | | SW8270C-SIM |

**Client ID: SB-2** **Lab ID: 1807D11-031A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| TPH-Diesel (C10-C23) | 190 | | 100 | 2 | µg/L | SG | SW8015B |
| TPH-Motor Oil (C18-C36) | 4100 | | 500 | 2 | µg/L | SG | SW8015B |
| Bromomethane | 0.54 | | 0.50 | 1 | µg/L | | SW8260B |
| Chloromethane | 1.5 | | 0.50 | 1 | µg/L | | SW8260B |

**Client ID: SB-2** **Lab ID: 1807D11-031C**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Benzo (g,h,i) perylene | 0.62 | | 0.50 | 1 | µg/L | | SW8270C-SIM |

**Client ID: SB-2** **Lab ID: 1807D11-031D**

No Detections for Method: E218.6.

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# Detection Summary

**Client:** All West Environmental, Inc **WorkOrder:** 1807D11
**Project:** 18T023.23; Calle Del Mundo (CDM)

**Client ID: SB-2** **Lab ID: 1807D11-031E**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Arsenic | 0.93 | | 0.50 | 1 | µg/L | | E200.8 |
| Barium | 100 | | 5.0 | 1 | µg/L | | E200.8 |
| Chromium | 0.56 | | 0.50 | 1 | µg/L | | E200.8 |
| Cobalt | 22 | | 0.50 | 1 | µg/L | | E200.8 |
| Copper | 2.3 | | 2.0 | 1 | µg/L | | E200.8 |
| Molybdenum | 160 | | 0.50 | 1 | µg/L | | E200.8 |
| Nickel | 7.0 | | 0.50 | 1 | µg/L | | E200.8 |
| Selenium | 7.3 | | 0.50 | 1 | µg/L | | E200.8 |
| Vanadium | 4.7 | | 0.50 | 1 | µg/L | | E200.8 |

**Client ID: SB-3** **Lab ID: 1807D11-032A**

No Detections for Methods: SW8015B; SW8260B.

**Client ID: SB-3** **Lab ID: 1807D11-032C**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Benzo (g,h,i) perylene | 0.91 | | 0.50 | 1 | µg/L | | SW8270C-SIM |

**Client ID: SB-3** **Lab ID: 1807D11-032D**

No Detections for Method: E218.6.

**Client ID: SB-3** **Lab ID: 1807D11-032E**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Arsenic | 0.87 | | 0.50 | 1 | µg/L | | E200.8 |
| Barium | 16 | | 5.0 | 1 | µg/L | | E200.8 |
| Cobalt | 1.9 | | 0.50 | 1 | µg/L | | E200.8 |
| Copper | 4.3 | | 2.0 | 1 | µg/L | | E200.8 |
| Molybdenum | 79 | | 0.50 | 1 | µg/L | | E200.8 |
| Nickel | 5.5 | | 0.50 | 1 | µg/L | | E200.8 |
| Vanadium | 3.9 | | 0.50 | 1 | µg/L | | E200.8 |

**Client ID: SB-8** **Lab ID: 1807D11-033A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Chloromethane | 0.64 | | 0.50 | 1 | µg/L | | SW8260B |

**Client ID: SB-8** **Lab ID: 1807D11-033C**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Benzo (g,h,i) perylene | 0.74 | | 0.50 | 1 | µg/L | | SW8270C-SIM |

**Client ID: SB-8** **Lab ID: 1807D11-033D**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Hexavalent chromium | 0.25 | | 0.20 | 1 | µg/L | | E218.6 |

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# Detection Summary

**Client:** All West Environmental, Inc **WorkOrder:** 1807D11
**Project:** 18T023.23; Calle Del Mundo (CDM)

**Client ID: SB-8** **Lab ID: 1807D11-033E**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Arsenic | 1.0 | | 0.50 | 1 | µg/L | | E200.8 |
| Barium | 33 | | 5.0 | 1 | µg/L | | E200.8 |
| Chromium | 0.65 | | 0.50 | 1 | µg/L | | E200.8 |
| Cobalt | 3.1 | | 0.50 | 1 | µg/L | | E200.8 |
| Copper | 5.5 | | 2.0 | 1 | µg/L | | E200.8 |
| Mercury | 0.050 | | 0.050 | 1 | µg/L | | E200.8 |
| Molybdenum | 110 | | 0.50 | 1 | µg/L | | E200.8 |
| Nickel | 8.7 | | 0.50 | 1 | µg/L | | E200.8 |
| Vanadium | 5.4 | | 0.50 | 1 | µg/L | | E200.8 |

**Client ID: SB-9** **Lab ID: 1807D11-034A**

No Detections for Methods: SW8015B; SW8260B.

**Client ID: SB-9** **Lab ID: 1807D11-034C**

No Detections for Method: SW8270C-SIM.

**Client ID: SB-9** **Lab ID: 1807D11-034D**

No Detections for Method: E218.6.

**Client ID: SB-9** **Lab ID: 1807D11-034E**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Arsenic | 1.0 | | 0.50 | 1 | µg/L | | E200.8 |
| Barium | 22 | | 5.0 | 1 | µg/L | | E200.8 |
| Cobalt | 2.2 | | 0.50 | 1 | µg/L | | E200.8 |
| Molybdenum | 45 | | 0.50 | 1 | µg/L | | E200.8 |
| Nickel | 6.5 | | 0.50 | 1 | µg/L | | E200.8 |
| Vanadium | 5.4 | | 0.50 | 1 | µg/L | | E200.8 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | E218.6 |
| **Date Prepared:** | 7/28/18 | **Analytical Method:** | E218.6 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Dissolved Hexavalent chromium by IC

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2** | **1807D11-031D** | **Water** | **07/25/2018 12:55** | **IC2 18072802.CHW** | **162330** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Hexavalent chromium | ND | 0.20 | 1 | 07/28/2018 00:13 |

Analyst(s): AO

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3** | **1807D11-032D** | **Water** | **07/25/2018 12:12** | **IC2 18072803.CHW** | **162330** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Hexavalent chromium | ND | 0.20 | 1 | 07/28/2018 00:31 |

Analyst(s): AO

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8** | **1807D11-033D** | **Water** | **07/25/2018 08:22** | **IC2 18072804.CHW** | **162330** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Hexavalent chromium | **0.25** | 0.20 | 1 | 07/28/2018 00:48 |

Analyst(s): AO

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9** | **1807D11-034D** | **Water** | **07/25/2018 09:50** | **IC2 18072807.CHW** | **162330** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Hexavalent chromium | ND | 0.20 | 1 | 07/28/2018 01:40 |

Analyst(s): AO

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3060A |
| **Date Prepared:** | 7/27/18 | **Analytical Method:** | SW7199 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## Hexavalent chromium by Alkaline Digestion and IC Analysis

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-1@1'-1.5'** | **1807D11-001A** | **Soil** | **07/25/2018 12:37** | **IC2 18072752.CHW** | **162250** |

| Analytes | Result | MDL | RL | DF | Date Analyzed |
|---|---|---|---|---|---|
| Hexavalent chromium | ND | 0.10 | 0.20 | 1 | 07/27/2018 19:21 |

Analyst(s): AO

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2@1'-1.5'** | **1807D11-004A** | **Soil** | **07/25/2018 13:17** | **IC2 18072753.CHW** | **162250** |

| Analytes | Result | MDL | RL | DF | Date Analyzed |
|---|---|---|---|---|---|
| Hexavalent chromium | ND | 0.10 | 0.200 | 1 | 07/27/2018 19:38 |

Analyst(s): AO

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3@1'-1.5'** | **1807D11-007A** | **Soil** | **07/25/2018 11:49** | **IC2 18072756.CHW** | **162250** |

| Analytes | Result | MDL | RL | DF | Date Analyzed |
|---|---|---|---|---|---|
| Hexavalent chromium | ND | 0.10 | 0.20 | 1 | 07/27/2018 20:29 |

Analyst(s): AO

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-4@2'-2.5'** | **1807D11-011A** | **Soil** | **07/25/2018 13:27** | **IC2 18072757.CHW** | **162250** |

| Analytes | Result | MDL | RL | DF | Date Analyzed |
|---|---|---|---|---|---|
| Hexavalent chromium | **0.28** | 0.10 | 0.20 | 1 | 07/27/2018 20:46 |

Analyst(s): AO

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3060A |
| **Date Prepared:** | 7/27/18 | **Analytical Method:** | SW7199 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## Hexavalent chromium by Alkaline Digestion and IC Analysis

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-5@1'-1.5'** | **1807D11-014A** | **Soil** | **07/25/2018 09:19** | **IC2 18072758.CHW** | **162250** |

| Analytes | Result | Qualifiers | MDL | RL | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| Hexavalent chromium | **0.18** | J | 0.10 | 0.20 | 1 | 07/27/2018 21:03 |

Analyst(s): AO

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-6@1'-1.5'** | **1807D11-017A** | **Soil** | **07/25/2018 09:05** | **IC2 18072759.CHW** | **162250** |

| Analytes | Result | Qualifiers | MDL | RL | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| Hexavalent chromium | **0.11** | J | 0.10 | 0.20 | 1 | 07/27/2018 21:21 |

Analyst(s): AO

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-7@1'-1.5'** | **1807D11-020A** | **Soil** | **07/25/2018 08:41** | **IC2 18072760.CHW** | **162250** |

| Analytes | Result | MDL | RL | DF | Date Analyzed |
|---|---|---|---|---|---|
| Hexavalent chromium | ND | 0.10 | 0.20 | 1 | 07/27/2018 21:38 |

Analyst(s): AO

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8@1'-1.5'** | **1807D11-023A** | **Soil** | **07/25/2018 07:50** | **IC2 18072761.CHW** | **162250** |

| Analytes | Result | MDL | RL | DF | Date Analyzed |
|---|---|---|---|---|---|
| Hexavalent chromium | **0.66** | 0.10 | 0.20 | 1 | 07/27/2018 21:55 |

Analyst(s): AO

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3060A |
| **Date Prepared:** | 7/27/18 | **Analytical Method:** | SW7199 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## Hexavalent chromium by Alkaline Digestion and IC Analysis

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9@1'-1.5'** | **1807D11-027A** | **Soil** | **07/25/2018 10:00** | **IC2 18072762.CHW** | **162250** |

| Analytes | Result | Qualifiers | MDL | RL | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| Hexavalent chromium | **0.14** | J | 0.10 | 0.20 | 1 | 07/27/2018 22:13 |

Analyst(s): AO

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8081A |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Organochlorine Pesticides

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-1@1'-1.5'** | **1807D11-001A** | **Soil** | **07/25/2018 12:37** | **GC20 07271880.D** | **162178** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Aldrin | ND | 0.0010 | 1 | 07/28/2018 07:42 |
| a-BHC | ND | 0.0010 | 1 | 07/28/2018 07:42 |
| b-BHC | **0.016** | 0.0010 | 1 | 07/28/2018 07:42 |
| d-BHC | ND | 0.0010 | 1 | 07/28/2018 07:42 |
| g-BHC | ND | 0.0010 | 1 | 07/28/2018 07:42 |
| Chlordane (Technical) | ND | 0.025 | 1 | 07/28/2018 07:42 |
| a-Chlordane | ND | 0.0010 | 1 | 07/28/2018 07:42 |
| g-Chlordane | ND | 0.0010 | 1 | 07/28/2018 07:42 |
| p,p-DDD | **0.098** | 0.0010 | 1 | 07/28/2018 07:42 |
| p,p-DDE | **0.25** | 0.0050 | 5 | 07/30/2018 16:30 |
| p,p-DDT | **0.017** | 0.0010 | 1 | 07/28/2018 07:42 |
| Dieldrin | ND | 0.0010 | 1 | 07/28/2018 07:42 |
| Endosulfan I | **0.0018** | 0.0010 | 1 | 07/28/2018 07:42 |
| Endosulfan II | ND | 0.0010 | 1 | 07/28/2018 07:42 |
| Endosulfan sulfate | **0.020** | 0.0010 | 1 | 07/28/2018 07:42 |
| Endrin | ND | 0.0010 | 1 | 07/28/2018 07:42 |
| Endrin aldehyde | ND | 0.0010 | 1 | 07/28/2018 07:42 |
| Endrin ketone | ND | 0.0010 | 1 | 07/28/2018 07:42 |
| Heptachlor | ND | 0.0010 | 1 | 07/28/2018 07:42 |
| Heptachlor epoxide | ND | 0.0010 | 1 | 07/28/2018 07:42 |
| Hexachlorobenzene | ND | 0.010 | 1 | 07/28/2018 07:42 |
| Hexachlorocyclopentadiene | ND | 0.020 | 1 | 07/28/2018 07:42 |
| Methoxychlor | ND | 0.0010 | 1 | 07/28/2018 07:42 |
| Toxaphene | ND | 0.050 | 1 | 07/28/2018 07:42 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Decachlorobiphenyl | 111 | 70-130 | 07/28/2018 07:42 |

Analyst(s): CK

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8081A |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Organochlorine Pesticides

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2@1'-1.5'** | **1807D11-004A** | **Soil** | **07/25/2018 13:17** | **GC20 07271879.D** | **162178** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Aldrin | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| a-BHC | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| b-BHC | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| d-BHC | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| g-BHC | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| Chlordane (Technical) | ND | 0.025 | 1 | 07/28/2018 07:27 |
| a-Chlordane | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| g-Chlordane | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| p,p-DDD | **0.028** | 0.0010 | 1 | 07/28/2018 07:27 |
| p,p-DDE | **0.072** | 0.0010 | 1 | 07/28/2018 07:27 |
| p,p-DDT | **0.0011** | 0.0010 | 1 | 07/28/2018 07:27 |
| Dieldrin | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| Endosulfan I | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| Endosulfan II | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| Endosulfan sulfate | **0.0019** | 0.0010 | 1 | 07/28/2018 07:27 |
| Endrin | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| Endrin aldehyde | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| Endrin ketone | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| Heptachlor | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| Heptachlor epoxide | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| Hexachlorobenzene | ND | 0.010 | 1 | 07/28/2018 07:27 |
| Hexachlorocyclopentadiene | ND | 0.020 | 1 | 07/28/2018 07:27 |
| Methoxychlor | ND | 0.0010 | 1 | 07/28/2018 07:27 |
| Toxaphene | ND | 0.050 | 1 | 07/28/2018 07:27 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Decachlorobiphenyl | 115 | 70-130 | 07/28/2018 07:27 |

Analyst(s): CK

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8081A |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Organochlorine Pesticides

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3@1'-1.5'** | **1807D11-007A** | **Soil** | **07/25/2018 11:49** | **GC41 07261846.d** | **162178** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Aldrin | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| a-BHC | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| b-BHC | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| d-BHC | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| g-BHC | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| Chlordane (Technical) | ND | 0.025 | 1 | 07/27/2018 03:31 |
| a-Chlordane | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| g-Chlordane | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| p,p-DDD | **0.0013** | 0.0010 | 1 | 07/27/2018 03:31 |
| p,p-DDE | **0.0024** | 0.0010 | 1 | 07/27/2018 03:31 |
| p,p-DDT | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| Dieldrin | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| Endosulfan I | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| Endosulfan II | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| Endosulfan sulfate | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| Endrin | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| Endrin aldehyde | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| Endrin ketone | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| Heptachlor | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| Heptachlor epoxide | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| Hexachlorobenzene | ND | 0.010 | 1 | 07/27/2018 03:31 |
| Hexachlorocyclopentadiene | ND | 0.020 | 1 | 07/27/2018 03:31 |
| Methoxychlor | ND | 0.0010 | 1 | 07/27/2018 03:31 |
| Toxaphene | ND | 0.087 | 1 | 07/27/2018 03:31 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Decachlorobiphenyl | 106 | 70-130 | 07/27/2018 03:31 |

Analyst(s): LT

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8081A |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Organochlorine Pesticides

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-4@2'-2.5'** | **1807D11-011A** | **Soil** | **07/25/2018 13:27** | **GC20 07271878.D** | **162178** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Aldrin | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| a-BHC | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| b-BHC | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| d-BHC | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| g-BHC | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| Chlordane (Technical) | ND | 0.025 | 1 | 07/28/2018 07:11 |
| a-Chlordane | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| g-Chlordane | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| p,p-DDD | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| p,p-DDE | **0.0056** | 0.0010 | 1 | 07/28/2018 07:11 |
| p,p-DDT | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| Dieldrin | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| Endosulfan I | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| Endosulfan II | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| Endosulfan sulfate | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| Endrin | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| Endrin aldehyde | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| Endrin ketone | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| Heptachlor | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| Heptachlor epoxide | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| Hexachlorobenzene | ND | 0.010 | 1 | 07/28/2018 07:11 |
| Hexachlorocyclopentadiene | ND | 0.020 | 1 | 07/28/2018 07:11 |
| Methoxychlor | ND | 0.0010 | 1 | 07/28/2018 07:11 |
| Toxaphene | ND | 0.050 | 1 | 07/28/2018 07:11 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Decachlorobiphenyl | 97 | 70-130 | 07/28/2018 07:11 |

Analyst(s): CK

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8081A |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Organochlorine Pesticides

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-5@1'-1.5'** | **1807D11-014A** | **Soil** | **07/25/2018 09:19** | **GC20 07271877.D** | **162178** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Aldrin | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| a-BHC | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| b-BHC | **0.0021** | 0.0010 | 1 | 07/28/2018 06:55 |
| d-BHC | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| g-BHC | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| Chlordane (Technical) | ND | 0.025 | 1 | 07/28/2018 06:55 |
| a-Chlordane | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| g-Chlordane | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| p,p-DDD | **0.028** | 0.0010 | 1 | 07/28/2018 06:55 |
| p,p-DDE | **0.064** | 0.0010 | 1 | 07/28/2018 06:55 |
| p,p-DDT | **0.0029** | 0.0010 | 1 | 07/28/2018 06:55 |
| Dieldrin | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| Endosulfan I | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| Endosulfan II | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| Endosulfan sulfate | **0.0017** | 0.0010 | 1 | 07/28/2018 06:55 |
| Endrin | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| Endrin aldehyde | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| Endrin ketone | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| Heptachlor | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| Heptachlor epoxide | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| Hexachlorobenzene | ND | 0.010 | 1 | 07/28/2018 06:55 |
| Hexachlorocyclopentadiene | ND | 0.020 | 1 | 07/28/2018 06:55 |
| Methoxychlor | ND | 0.0010 | 1 | 07/28/2018 06:55 |
| Toxaphene | ND | 0.050 | 1 | 07/28/2018 06:55 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Decachlorobiphenyl | 112 | 70-130 | 07/28/2018 06:55 |

Analyst(s): CK

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8081A |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Organochlorine Pesticides

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-6@1'-1.5'** | **1807D11-017A** | **Soil** | **07/25/2018 09:05** | **GC20 07271876.D** | **162178** |

| Analytes | Result | Qualifiers | RL | DF | Date Analyzed |
|---|---|---|---|---|---|
| Aldrin | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| a-BHC | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| b-BHC | **0.0033** | | 0.0010 | 1 | 07/28/2018 06:39 |
| d-BHC | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| g-BHC | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| Chlordane (Technical) | ND | | 0.025 | 1 | 07/28/2018 06:39 |
| a-Chlordane | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| g-Chlordane | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| p,p-DDD | **0.052** | | 0.0010 | 1 | 07/28/2018 06:39 |
| p,p-DDE | **0.39** | | 0.0050 | 5 | 07/30/2018 16:14 |
| p,p-DDT | **0.11** | | 0.0010 | 1 | 07/28/2018 06:39 |
| Dieldrin | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| Endosulfan I | **0.0017** | P | 0.0010 | 1 | 07/28/2018 06:39 |
| Endosulfan II | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| Endosulfan sulfate | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| Endrin | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| Endrin aldehyde | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| Endrin ketone | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| Heptachlor | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| Heptachlor epoxide | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| Hexachlorobenzene | ND | | 0.010 | 1 | 07/28/2018 06:39 |
| Hexachlorocyclopentadiene | ND | | 0.020 | 1 | 07/28/2018 06:39 |
| Methoxychlor | ND | | 0.0010 | 1 | 07/28/2018 06:39 |
| Toxaphene | ND | | 0.050 | 1 | 07/28/2018 06:39 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Decachlorobiphenyl | 112 | 70-130 | 07/28/2018 06:39 |

Analyst(s): CK

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8081A |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Organochlorine Pesticides

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-7@1'-1.5'** | **1807D11-020A** | **Soil** | **07/25/2018 08:41** | **GC41 07271828.d** | **162178** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Aldrin | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| a-BHC | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| b-BHC | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| d-BHC | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| g-BHC | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| Chlordane (Technical) | ND | 0.025 | 1 | 07/27/2018 20:03 |
| a-Chlordane | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| g-Chlordane | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| p,p-DDD | **0.12** | 0.0010 | 1 | 07/27/2018 20:03 |
| p,p-DDE | **0.45** | 0.0050 | 5 | 07/27/2018 19:48 |
| p,p-DDT | **0.073** | 0.0010 | 1 | 07/27/2018 20:03 |
| Dieldrin | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| Endosulfan I | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| Endosulfan II | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| Endosulfan sulfate | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| Endrin | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| Endrin aldehyde | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| Endrin ketone | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| Heptachlor | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| Heptachlor epoxide | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| Hexachlorobenzene | ND | 0.010 | 1 | 07/27/2018 20:03 |
| Hexachlorocyclopentadiene | ND | 0.020 | 1 | 07/27/2018 20:03 |
| Methoxychlor | ND | 0.0010 | 1 | 07/27/2018 20:03 |
| Toxaphene | ND | 0.050 | 1 | 07/27/2018 20:03 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Decachlorobiphenyl | 112 | 70-130 | 07/27/2018 20:03 |

Analyst(s): HUL

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8081A |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Organochlorine Pesticides

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8@1'-1.5'** | **1807D11-023A** | **Soil** | **07/25/2018 07:50** | **GC41 07261847.d** | **162178** |

| Analytes | Result | Qualifiers | RL | DF | Date Analyzed |
|---|---|---|---|---|---|
| Aldrin | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| a-BHC | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| b-BHC | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| d-BHC | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| g-BHC | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| Chlordane (Technical) | ND | | 0.025 | 1 | 07/27/2018 03:46 |
| a-Chlordane | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| g-Chlordane | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| p,p-DDD | **0.083** | | 0.0010 | 1 | 07/27/2018 03:46 |
| p,p-DDE | **0.25** | | 0.0050 | 5 | 07/27/2018 20:18 |
| p,p-DDT | **0.0085** | | 0.0010 | 1 | 07/27/2018 03:46 |
| Dieldrin | **0.0012** | P | 0.0010 | 1 | 07/27/2018 03:46 |
| Endosulfan I | **0.0014** | P | 0.0010 | 1 | 07/27/2018 03:46 |
| Endosulfan II | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| Endosulfan sulfate | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| Endrin | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| Endrin aldehyde | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| Endrin ketone | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| Heptachlor | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| Heptachlor epoxide | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| Hexachlorobenzene | ND | | 0.010 | 1 | 07/27/2018 03:46 |
| Hexachlorocyclopentadiene | ND | | 0.020 | 1 | 07/27/2018 03:46 |
| Methoxychlor | ND | | 0.0010 | 1 | 07/27/2018 03:46 |
| Toxaphene | ND | | 0.050 | 1 | 07/27/2018 03:46 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Decachlorobiphenyl | 108 | 70-130 | 07/27/2018 03:46 |

Analyst(s): HUL, LT

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8081A |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Organochlorine Pesticides

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9@1'-1.5'** | **1807D11-027A** | **Soil** | **07/25/2018 10:00** | **GC41 07261848.d** | **162178** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Aldrin | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| a-BHC | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| b-BHC | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| d-BHC | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| g-BHC | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| Chlordane (Technical) | ND | 0.025 | 1 | 07/27/2018 04:00 |
| a-Chlordane | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| g-Chlordane | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| p,p-DDD | **0.0014** | 0.0010 | 1 | 07/27/2018 04:00 |
| p,p-DDE | **0.0025** | 0.0010 | 1 | 07/27/2018 04:00 |
| p,p-DDT | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| Dieldrin | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| Endosulfan I | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| Endosulfan II | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| Endosulfan sulfate | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| Endrin | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| Endrin aldehyde | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| Endrin ketone | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| Heptachlor | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| Heptachlor epoxide | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| Hexachlorobenzene | ND | 0.010 | 1 | 07/27/2018 04:00 |
| Hexachlorocyclopentadiene | ND | 0.020 | 1 | 07/27/2018 04:00 |
| Methoxychlor | ND | 0.0010 | 1 | 07/27/2018 04:00 |
| Toxaphene | ND | 0.050 | 1 | 07/27/2018 04:00 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Decachlorobiphenyl | 110 | 70-130 | 07/27/2018 04:00 |

Analyst(s): LT

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http://www.mccampbell.com / E-mail: main@mccampbell.com

# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-1@1'-1.5'** | **1807D11-001A** | **Soil** | **07/25/2018 12:37** | **GC18 08021815.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acetone | ND | 0.10 | 1 | 08/02/2018 14:28 |
| tert-Amyl methyl ether (TAME) | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Benzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Bromobenzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Bromochloromethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Bromodichloromethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Bromoform | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Bromomethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 2-Butanone (MEK) | ND | 0.020 | 1 | 08/02/2018 14:28 |
| t-Butyl alcohol (TBA) | ND | 0.050 | 1 | 08/02/2018 14:28 |
| n-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| sec-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| tert-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Carbon Disulfide | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Carbon Tetrachloride | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Chlorobenzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Chloroethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Chloroform | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Chloromethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 2-Chlorotoluene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 4-Chlorotoluene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Dibromochloromethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,2-Dibromo-3-chloropropane | ND | 0.0040 | 1 | 08/02/2018 14:28 |
| 1,2-Dibromoethane (EDB) | ND | 0.0040 | 1 | 08/02/2018 14:28 |
| Dibromomethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,2-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,3-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,4-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Dichlorodifluoromethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,1-Dichloroethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.0040 | 1 | 08/02/2018 14:28 |
| 1,1-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| cis-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| trans-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,2-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,3-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 2,2-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 14:28 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-1@1'-1.5'** | **1807D11-001A** | **Soil** | **07/25/2018 12:37** | **GC18 08021815.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| cis-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| trans-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Diisopropyl ether (DIPE) | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Ethylbenzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Ethyl tert-butyl ether (ETBE) | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Freon 113 | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Hexachlorobutadiene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Hexachloroethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 2-Hexanone | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Isopropylbenzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 4-Isopropyl toluene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Methyl-t-butyl ether (MTBE) | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Methylene chloride | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Naphthalene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| n-Propyl benzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Styrene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,1,1,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Tetrachloroethene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Toluene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,2,3-Trichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,2,4-Trichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,1,1-Trichloroethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,1,2-Trichloroethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Trichloroethene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Trichlorofluoromethane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,2,3-Trichloropropane | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Vinyl Chloride | ND | 0.0050 | 1 | 08/02/2018 14:28 |
| Xylenes, Total | ND | 0.0050 | 1 | 08/02/2018 14:28 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-1@1'-1.5'** | **1807D11-001A** | **Soil** | **07/25/2018 12:37** | **GC18 08021815.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 111 | 82-136 | 08/02/2018 14:28 |
| Toluene-d8 | 124 | 92-139 | 08/02/2018 14:28 |
| 4-BFB | 102 | 82-135 | 08/02/2018 14:28 |
| Benzene-d6 | 90 | 55-122 | 08/02/2018 14:28 |
| Ethylbenzene-d10 | 95 | 58-141 | 08/02/2018 14:28 |
| 1,2-DCB-d4 | 70 | 51-107 | 08/02/2018 14:28 |

Analyst(s): AK

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2@1'-1.5'** | **1807D11-004A** | **Soil** | **07/25/2018 13:17** | **GC18 08021816.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acetone | ND | 0.10 | 1 | 08/02/2018 15:09 |
| tert-Amyl methyl ether (TAME) | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Benzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Bromobenzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Bromochloromethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Bromodichloromethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Bromoform | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Bromomethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 2-Butanone (MEK) | ND | 0.020 | 1 | 08/02/2018 15:09 |
| t-Butyl alcohol (TBA) | ND | 0.050 | 1 | 08/02/2018 15:09 |
| n-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| sec-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| tert-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Carbon Disulfide | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Carbon Tetrachloride | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Chlorobenzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Chloroethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Chloroform | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Chloromethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 2-Chlorotoluene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 4-Chlorotoluene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Dibromochloromethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,2-Dibromo-3-chloropropane | ND | 0.0040 | 1 | 08/02/2018 15:09 |
| 1,2-Dibromoethane (EDB) | ND | 0.0040 | 1 | 08/02/2018 15:09 |
| Dibromomethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,2-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,3-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,4-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Dichlorodifluoromethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,1-Dichloroethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.0040 | 1 | 08/02/2018 15:09 |
| 1,1-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| cis-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| trans-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,2-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,3-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 2,2-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 15:09 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2@1'-1.5'** | **1807D11-004A** | **Soil** | **07/25/2018 13:17** | **GC18 08021816.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| cis-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| trans-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Diisopropyl ether (DIPE) | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Ethylbenzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Ethyl tert-butyl ether (ETBE) | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Freon 113 | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Hexachlorobutadiene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Hexachloroethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 2-Hexanone | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Isopropylbenzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 4-Isopropyl toluene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Methyl-t-butyl ether (MTBE) | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Methylene chloride | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Naphthalene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| n-Propyl benzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Styrene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,1,1,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Tetrachloroethene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Toluene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,2,3-Trichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,2,4-Trichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,1,1-Trichloroethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,1,2-Trichloroethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Trichloroethene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Trichlorofluoromethane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,2,3-Trichloropropane | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Vinyl Chloride | ND | 0.0050 | 1 | 08/02/2018 15:09 |
| Xylenes, Total | ND | 0.0050 | 1 | 08/02/2018 15:09 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2@1'-1.5'** | **1807D11-004A** | **Soil** | **07/25/2018 13:17** | **GC18 08021816.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 112 | 82-136 | 08/02/2018 15:09 |
| Toluene-d8 | 124 | 92-139 | 08/02/2018 15:09 |
| 4-BFB | 102 | 82-135 | 08/02/2018 15:09 |
| Benzene-d6 | 94 | 55-122 | 08/02/2018 15:09 |
| Ethylbenzene-d10 | 96 | 58-141 | 08/02/2018 15:09 |
| 1,2-DCB-d4 | 69 | 51-107 | 08/02/2018 15:09 |

Analyst(s): AK

*(Cont.)*

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http://www.mccampbell.com / E-mail: main@mccampbell.com

# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3@1'-1.5'** | **1807D11-007A** | **Soil** | **07/25/2018 11:49** | **GC18 08021817.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acetone | ND | 0.10 | 1 | 08/02/2018 15:51 |
| tert-Amyl methyl ether (TAME) | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Benzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Bromobenzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Bromochloromethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Bromodichloromethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Bromoform | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Bromomethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 2-Butanone (MEK) | ND | 0.020 | 1 | 08/02/2018 15:51 |
| t-Butyl alcohol (TBA) | ND | 0.050 | 1 | 08/02/2018 15:51 |
| n-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| sec-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| tert-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Carbon Disulfide | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Carbon Tetrachloride | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Chlorobenzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Chloroethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Chloroform | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Chloromethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 2-Chlorotoluene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 4-Chlorotoluene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Dibromochloromethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,2-Dibromo-3-chloropropane | ND | 0.0040 | 1 | 08/02/2018 15:51 |
| 1,2-Dibromoethane (EDB) | ND | 0.0040 | 1 | 08/02/2018 15:51 |
| Dibromomethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,2-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,3-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,4-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Dichlorodifluoromethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,1-Dichloroethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.0040 | 1 | 08/02/2018 15:51 |
| 1,1-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| cis-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| trans-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,2-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,3-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 2,2-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 15:51 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| SB-3@1'-1.5' | 1807D11-007A | Soil | 07/25/2018 11:49 | GC18 08021817.D | 162188 |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| cis-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| trans-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Diisopropyl ether (DIPE) | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Ethylbenzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Ethyl tert-butyl ether (ETBE) | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Freon 113 | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Hexachlorobutadiene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Hexachloroethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 2-Hexanone | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Isopropylbenzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 4-Isopropyl toluene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Methyl-t-butyl ether (MTBE) | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Methylene chloride | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Naphthalene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| n-Propyl benzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Styrene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,1,1,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Tetrachloroethene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Toluene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,2,3-Trichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,2,4-Trichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,1,1-Trichloroethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,1,2-Trichloroethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Trichloroethene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Trichlorofluoromethane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,2,3-Trichloropropane | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Vinyl Chloride | ND | 0.0050 | 1 | 08/02/2018 15:51 |
| Xylenes, Total | ND | 0.0050 | 1 | 08/02/2018 15:51 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3@1'-1.5'** | **1807D11-007A** | **Soil** | **07/25/2018 11:49** | **GC18 08021817.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 111 | 82-136 | 08/02/2018 15:51 |
| Toluene-d8 | 122 | 92-139 | 08/02/2018 15:51 |
| 4-BFB | 103 | 82-135 | 08/02/2018 15:51 |
| Benzene-d6 | 94 | 55-122 | 08/02/2018 15:51 |
| Ethylbenzene-d10 | 95 | 58-141 | 08/02/2018 15:51 |
| 1,2-DCB-d4 | 70 | 51-107 | 08/02/2018 15:51 |

Analyst(s): AK

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-4@2'-2.5'** | **1807D11-011A** | **Soil** | **07/25/2018 13:27** | **GC18 08021818.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acetone | ND | 0.10 | 1 | 08/02/2018 16:33 |
| tert-Amyl methyl ether (TAME) | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Benzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Bromobenzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Bromochloromethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Bromodichloromethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Bromoform | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Bromomethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 2-Butanone (MEK) | ND | 0.020 | 1 | 08/02/2018 16:33 |
| t-Butyl alcohol (TBA) | ND | 0.050 | 1 | 08/02/2018 16:33 |
| n-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| sec-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| tert-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Carbon Disulfide | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Carbon Tetrachloride | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Chlorobenzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Chloroethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Chloroform | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Chloromethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 2-Chlorotoluene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 4-Chlorotoluene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Dibromochloromethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,2-Dibromo-3-chloropropane | ND | 0.0040 | 1 | 08/02/2018 16:33 |
| 1,2-Dibromoethane (EDB) | ND | 0.0040 | 1 | 08/02/2018 16:33 |
| Dibromomethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,2-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,3-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,4-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Dichlorodifluoromethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,1-Dichloroethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.0040 | 1 | 08/02/2018 16:33 |
| 1,1-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| cis-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| trans-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,2-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,3-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 2,2-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 16:33 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-4@2'-2.5'** | **1807D11-011A** | **Soil** | **07/25/2018 13:27** | **GC18 08021818.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| cis-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| trans-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Diisopropyl ether (DIPE) | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Ethylbenzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Ethyl tert-butyl ether (ETBE) | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Freon 113 | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Hexachlorobutadiene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Hexachloroethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 2-Hexanone | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Isopropylbenzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 4-Isopropyl toluene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Methyl-t-butyl ether (MTBE) | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Methylene chloride | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Naphthalene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| n-Propyl benzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Styrene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,1,1,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Tetrachloroethene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Toluene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,2,3-Trichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,2,4-Trichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,1,1-Trichloroethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,1,2-Trichloroethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Trichloroethene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Trichlorofluoromethane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,2,3-Trichloropropane | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Vinyl Chloride | ND | 0.0050 | 1 | 08/02/2018 16:33 |
| Xylenes, Total | ND | 0.0050 | 1 | 08/02/2018 16:33 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-4@2'-2.5'** | **1807D11-011A** | **Soil** | **07/25/2018 13:27** | **GC18 08021818.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 109 | 82-136 | 08/02/2018 16:33 |
| Toluene-d8 | 123 | 92-139 | 08/02/2018 16:33 |
| 4-BFB | 100 | 82-135 | 08/02/2018 16:33 |
| Benzene-d6 | 93 | 55-122 | 08/02/2018 16:33 |
| Ethylbenzene-d10 | 96 | 58-141 | 08/02/2018 16:33 |
| 1,2-DCB-d4 | 70 | 51-107 | 08/02/2018 16:33 |

Analyst(s): AK

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-5@1'-1.5'** | **1807D11-014A** | **Soil** | **07/25/2018 09:19** | **GC18 08021819.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acetone | ND | 0.10 | 1 | 08/02/2018 17:15 |
| tert-Amyl methyl ether (TAME) | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Benzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Bromobenzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Bromochloromethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Bromodichloromethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Bromoform | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Bromomethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 2-Butanone (MEK) | ND | 0.020 | 1 | 08/02/2018 17:15 |
| t-Butyl alcohol (TBA) | ND | 0.050 | 1 | 08/02/2018 17:15 |
| n-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| sec-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| tert-Butyl benzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Carbon Disulfide | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Carbon Tetrachloride | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Chlorobenzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Chloroethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Chloroform | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Chloromethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 2-Chlorotoluene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 4-Chlorotoluene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Dibromochloromethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,2-Dibromo-3-chloropropane | ND | 0.0040 | 1 | 08/02/2018 17:15 |
| 1,2-Dibromoethane (EDB) | ND | 0.0040 | 1 | 08/02/2018 17:15 |
| Dibromomethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,2-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,3-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,4-Dichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Dichlorodifluoromethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,1-Dichloroethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.0040 | 1 | 08/02/2018 17:15 |
| 1,1-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| cis-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| trans-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,2-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,3-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 2,2-Dichloropropane | ND | 0.0050 | 1 | 08/02/2018 17:15 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-5@1'-1.5'** | **1807D11-014A** | **Soil** | **07/25/2018 09:19** | **GC18 08021819.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| cis-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| trans-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Diisopropyl ether (DIPE) | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Ethylbenzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Ethyl tert-butyl ether (ETBE) | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Freon 113 | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Hexachlorobutadiene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Hexachloroethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 2-Hexanone | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Isopropylbenzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 4-Isopropyl toluene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Methyl-t-butyl ether (MTBE) | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Methylene chloride | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Naphthalene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| n-Propyl benzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Styrene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,1,1,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Tetrachloroethene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Toluene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,2,3-Trichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,2,4-Trichlorobenzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,1,1-Trichloroethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,1,2-Trichloroethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Trichloroethene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Trichlorofluoromethane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,2,3-Trichloropropane | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Vinyl Chloride | ND | 0.0050 | 1 | 08/02/2018 17:15 |
| Xylenes, Total | ND | 0.0050 | 1 | 08/02/2018 17:15 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-5@1'-1.5'** | **1807D11-014A** | **Soil** | **07/25/2018 09:19** | **GC18 08021819.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 110 | 82-136 | 08/02/2018 17:15 |
| Toluene-d8 | 124 | 92-139 | 08/02/2018 17:15 |
| 4-BFB | 99 | 82-135 | 08/02/2018 17:15 |
| Benzene-d6 | 92 | 55-122 | 08/02/2018 17:15 |
| Ethylbenzene-d10 | 95 | 58-141 | 08/02/2018 17:15 |
| 1,2-DCB-d4 | 69 | 51-107 | 08/02/2018 17:15 |

Analyst(s): AK

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-6@1'-1.5'** | **1807D11-017A** | **Soil** | **07/25/2018 09:05** | **GC18 08031822.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acetone | ND | 0.10 | 1 | 08/03/2018 22:04 |
| tert-Amyl methyl ether (TAME) | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Benzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Bromobenzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Bromochloromethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Bromodichloromethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Bromoform | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Bromomethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 2-Butanone (MEK) | ND | 0.020 | 1 | 08/03/2018 22:04 |
| t-Butyl alcohol (TBA) | ND | 0.050 | 1 | 08/03/2018 22:04 |
| n-Butyl benzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| sec-Butyl benzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| tert-Butyl benzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Carbon Disulfide | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Carbon Tetrachloride | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Chlorobenzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Chloroethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Chloroform | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Chloromethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 2-Chlorotoluene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 4-Chlorotoluene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Dibromochloromethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,2-Dibromo-3-chloropropane | ND | 0.0040 | 1 | 08/03/2018 22:04 |
| 1,2-Dibromoethane (EDB) | ND | 0.0040 | 1 | 08/03/2018 22:04 |
| Dibromomethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,2-Dichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,3-Dichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,4-Dichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Dichlorodifluoromethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,1-Dichloroethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.0040 | 1 | 08/03/2018 22:04 |
| 1,1-Dichloroethene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| cis-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| trans-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,2-Dichloropropane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,3-Dichloropropane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 2,2-Dichloropropane | ND | 0.0050 | 1 | 08/03/2018 22:04 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-6@1'-1.5'** | **1807D11-017A** | **Soil** | **07/25/2018 09:05** | **GC18 08031822.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| cis-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| trans-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Diisopropyl ether (DIPE) | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Ethylbenzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Ethyl tert-butyl ether (ETBE) | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Freon 113 | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Hexachlorobutadiene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Hexachloroethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 2-Hexanone | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Isopropylbenzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 4-Isopropyl toluene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Methyl-t-butyl ether (MTBE) | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Methylene chloride | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Naphthalene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| n-Propyl benzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Styrene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,1,1,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Tetrachloroethene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Toluene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,2,3-Trichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,2,4-Trichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,1,1-Trichloroethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,1,2-Trichloroethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Trichloroethene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Trichlorofluoromethane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,2,3-Trichloropropane | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Vinyl Chloride | ND | 0.0050 | 1 | 08/03/2018 22:04 |
| Xylenes, Total | ND | 0.0050 | 1 | 08/03/2018 22:04 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-6@1'-1.5'** | **1807D11-017A** | **Soil** | **07/25/2018 09:05** | **GC18 08031822.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 109 | 82-136 | 08/03/2018 22:04 |
| Toluene-d8 | 124 | 92-139 | 08/03/2018 22:04 |
| 4-BFB | 104 | 82-135 | 08/03/2018 22:04 |
| Benzene-d6 | 100 | 55-122 | 08/03/2018 22:04 |
| Ethylbenzene-d10 | 104 | 58-141 | 08/03/2018 22:04 |
| 1,2-DCB-d4 | 74 | 51-107 | 08/03/2018 22:04 |

Analyst(s): TK

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-7@1'-1.5'** | **1807D11-020A** | **Soil** | **07/25/2018 08:41** | **GC18 08031823.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acetone | ND | 0.10 | 1 | 08/03/2018 22:44 |
| tert-Amyl methyl ether (TAME) | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Benzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Bromobenzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Bromochloromethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Bromodichloromethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Bromoform | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Bromomethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 2-Butanone (MEK) | ND | 0.020 | 1 | 08/03/2018 22:44 |
| t-Butyl alcohol (TBA) | ND | 0.050 | 1 | 08/03/2018 22:44 |
| n-Butyl benzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| sec-Butyl benzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| tert-Butyl benzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Carbon Disulfide | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Carbon Tetrachloride | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Chlorobenzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Chloroethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Chloroform | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Chloromethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 2-Chlorotoluene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 4-Chlorotoluene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Dibromochloromethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,2-Dibromo-3-chloropropane | ND | 0.0040 | 1 | 08/03/2018 22:44 |
| 1,2-Dibromoethane (EDB) | ND | 0.0040 | 1 | 08/03/2018 22:44 |
| Dibromomethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,2-Dichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,3-Dichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,4-Dichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Dichlorodifluoromethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,1-Dichloroethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.0040 | 1 | 08/03/2018 22:44 |
| 1,1-Dichloroethene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| cis-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| trans-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,2-Dichloropropane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,3-Dichloropropane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 2,2-Dichloropropane | ND | 0.0050 | 1 | 08/03/2018 22:44 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-7@1'-1.5'** | **1807D11-020A** | **Soil** | **07/25/2018 08:41** | **GC18 08031823.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| cis-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| trans-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Diisopropyl ether (DIPE) | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Ethylbenzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Ethyl tert-butyl ether (ETBE) | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Freon 113 | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Hexachlorobutadiene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Hexachloroethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 2-Hexanone | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Isopropylbenzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 4-Isopropyl toluene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Methyl-t-butyl ether (MTBE) | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Methylene chloride | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Naphthalene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| n-Propyl benzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Styrene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,1,1,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Tetrachloroethene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Toluene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,2,3-Trichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,2,4-Trichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,1,1-Trichloroethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,1,2-Trichloroethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Trichloroethene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Trichlorofluoromethane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,2,3-Trichloropropane | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Vinyl Chloride | ND | 0.0050 | 1 | 08/03/2018 22:44 |
| Xylenes, Total | ND | 0.0050 | 1 | 08/03/2018 22:44 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-7@1'-1.5'** | **1807D11-020A** | **Soil** | **07/25/2018 08:41** | **GC18 08031823.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 110 | 82-136 | 08/03/2018 22:44 |
| Toluene-d8 | 124 | 92-139 | 08/03/2018 22:44 |
| 4-BFB | 102 | 82-135 | 08/03/2018 22:44 |
| Benzene-d6 | 99 | 55-122 | 08/03/2018 22:44 |
| Ethylbenzene-d10 | 103 | 58-141 | 08/03/2018 22:44 |
| 1,2-DCB-d4 | 73 | 51-107 | 08/03/2018 22:44 |

Analyst(s): TK

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| SB-8@1'-1.5' | 1807D11-023A | Soil | 07/25/2018 07:50 | GC18 08031824.D | 162188 |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acetone | ND | 0.10 | 1 | 08/03/2018 23:25 |
| tert-Amyl methyl ether (TAME) | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Benzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Bromobenzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Bromochloromethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Bromodichloromethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Bromoform | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Bromomethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 2-Butanone (MEK) | ND | 0.020 | 1 | 08/03/2018 23:25 |
| t-Butyl alcohol (TBA) | ND | 0.050 | 1 | 08/03/2018 23:25 |
| n-Butyl benzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| sec-Butyl benzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| tert-Butyl benzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Carbon Disulfide | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Carbon Tetrachloride | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Chlorobenzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Chloroethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Chloroform | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Chloromethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 2-Chlorotoluene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 4-Chlorotoluene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Dibromochloromethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,2-Dibromo-3-chloropropane | ND | 0.0040 | 1 | 08/03/2018 23:25 |
| 1,2-Dibromoethane (EDB) | ND | 0.0040 | 1 | 08/03/2018 23:25 |
| Dibromomethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,2-Dichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,3-Dichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,4-Dichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Dichlorodifluoromethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,1-Dichloroethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.0040 | 1 | 08/03/2018 23:25 |
| 1,1-Dichloroethene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| cis-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| trans-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,2-Dichloropropane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,3-Dichloropropane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 2,2-Dichloropropane | ND | 0.0050 | 1 | 08/03/2018 23:25 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8@1'-1.5'** | **1807D11-023A** | **Soil** | **07/25/2018 07:50** | **GC18 08031824.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| cis-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| trans-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Diisopropyl ether (DIPE) | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Ethylbenzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Ethyl tert-butyl ether (ETBE) | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Freon 113 | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Hexachlorobutadiene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Hexachloroethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 2-Hexanone | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Isopropylbenzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 4-Isopropyl toluene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Methyl-t-butyl ether (MTBE) | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Methylene chloride | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Naphthalene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| n-Propyl benzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Styrene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,1,1,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Tetrachloroethene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Toluene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,2,3-Trichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,2,4-Trichlorobenzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,1,1-Trichloroethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,1,2-Trichloroethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Trichloroethene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Trichlorofluoromethane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,2,3-Trichloropropane | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Vinyl Chloride | ND | 0.0050 | 1 | 08/03/2018 23:25 |
| Xylenes, Total | ND | 0.0050 | 1 | 08/03/2018 23:25 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8@1'-1.5'** | **1807D11-023A** | **Soil** | **07/25/2018 07:50** | **GC18 08031824.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 108 | 82-136 | 08/03/2018 23:25 |
| Toluene-d8 | 124 | 92-139 | 08/03/2018 23:25 |
| 4-BFB | 102 | 82-135 | 08/03/2018 23:25 |
| Benzene-d6 | 100 | 55-122 | 08/03/2018 23:25 |
| Ethylbenzene-d10 | 105 | 58-141 | 08/03/2018 23:25 |
| 1,2-DCB-d4 | 75 | 51-107 | 08/03/2018 23:25 |

Analyst(s): TK

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9@1'-1.5'** | **1807D11-027A** | **Soil** | **07/25/2018 10:00** | **GC18 08031825.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acetone | ND | 0.10 | 1 | 08/04/2018 00:05 |
| tert-Amyl methyl ether (TAME) | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Benzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Bromobenzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Bromochloromethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Bromodichloromethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Bromoform | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Bromomethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 2-Butanone (MEK) | ND | 0.020 | 1 | 08/04/2018 00:05 |
| t-Butyl alcohol (TBA) | ND | 0.050 | 1 | 08/04/2018 00:05 |
| n-Butyl benzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| sec-Butyl benzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| tert-Butyl benzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Carbon Disulfide | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Carbon Tetrachloride | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Chlorobenzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Chloroethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Chloroform | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Chloromethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 2-Chlorotoluene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 4-Chlorotoluene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Dibromochloromethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,2-Dibromo-3-chloropropane | ND | 0.0040 | 1 | 08/04/2018 00:05 |
| 1,2-Dibromoethane (EDB) | ND | 0.0040 | 1 | 08/04/2018 00:05 |
| Dibromomethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,2-Dichlorobenzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,3-Dichlorobenzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,4-Dichlorobenzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Dichlorodifluoromethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,1-Dichloroethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.0040 | 1 | 08/04/2018 00:05 |
| 1,1-Dichloroethene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| cis-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| trans-1,2-Dichloroethene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,2-Dichloropropane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,3-Dichloropropane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 2,2-Dichloropropane | ND | 0.0050 | 1 | 08/04/2018 00:05 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9@1'-1.5'** | **1807D11-027A** | **Soil** | **07/25/2018 10:00** | **GC18 08031825.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| cis-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| trans-1,3-Dichloropropene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Diisopropyl ether (DIPE) | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Ethylbenzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Ethyl tert-butyl ether (ETBE) | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Freon 113 | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Hexachlorobutadiene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Hexachloroethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 2-Hexanone | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Isopropylbenzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 4-Isopropyl toluene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Methyl-t-butyl ether (MTBE) | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Methylene chloride | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Naphthalene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| n-Propyl benzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Styrene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,1,1,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Tetrachloroethene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Toluene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,2,3-Trichlorobenzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,2,4-Trichlorobenzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,1,1-Trichloroethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,1,2-Trichloroethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Trichloroethene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Trichlorofluoromethane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,2,3-Trichloropropane | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Vinyl Chloride | ND | 0.0050 | 1 | 08/04/2018 00:05 |
| Xylenes, Total | ND | 0.0050 | 1 | 08/04/2018 00:05 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9@1'-1.5'** | **1807D11-027A** | **Soil** | **07/25/2018 10:00** | **GC18 08031825.D** | **162188** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 109 | 82-136 | 08/04/2018 00:05 |
| Toluene-d8 | 123 | 92-139 | 08/04/2018 00:05 |
| 4-BFB | 100 | 82-135 | 08/04/2018 00:05 |
| Benzene-d6 | 104 | 55-122 | 08/04/2018 00:05 |
| Ethylbenzene-d10 | 106 | 58-141 | 08/04/2018 00:05 |
| 1,2-DCB-d4 | 76 | 51-107 | 08/04/2018 00:05 |

Analyst(s): TK

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/29/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2** | **1807D11-031A** | **Water** | **07/25/2018 12:55** | **GC10 07291826.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acetone | ND | 10 | 1 | 07/29/2018 23:34 |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Benzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Bromobenzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Bromochloromethane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Bromodichloromethane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Bromoform | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Bromomethane | **0.54** | 0.50 | 1 | 07/29/2018 23:34 |
| 2-Butanone (MEK) | ND | 2.0 | 1 | 07/29/2018 23:34 |
| t-Butyl alcohol (TBA) | ND | 2.0 | 1 | 07/29/2018 23:34 |
| n-Butyl benzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| sec-Butyl benzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| tert-Butyl benzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Carbon Disulfide | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Carbon Tetrachloride | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Chlorobenzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Chloroethane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Chloroform | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Chloromethane | **1.5** | 0.50 | 1 | 07/29/2018 23:34 |
| 2-Chlorotoluene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 4-Chlorotoluene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Dibromochloromethane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,2-Dibromo-3-chloropropane | ND | 0.20 | 1 | 07/29/2018 23:34 |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Dibromomethane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,2-Dichlorobenzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,3-Dichlorobenzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,4-Dichlorobenzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Dichlorodifluoromethane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,1-Dichloroethane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,1-Dichloroethene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| cis-1,2-Dichloroethene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| trans-1,2-Dichloroethene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,2-Dichloropropane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,3-Dichloropropane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 2,2-Dichloropropane | ND | 0.50 | 1 | 07/29/2018 23:34 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/29/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2** | **1807D11-031A** | **Water** | **07/25/2018 12:55** | **GC10 07291826.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| cis-1,3-Dichloropropene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| trans-1,3-Dichloropropene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Diisopropyl ether (DIPE) | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Ethylbenzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Freon 113 | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Hexachlorobutadiene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Hexachloroethane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 2-Hexanone | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Isopropylbenzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 4-Isopropyl toluene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Methyl-t-butyl ether (MTBE) | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Methylene chloride | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Naphthalene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| n-Propyl benzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Styrene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,1,1,2-Tetrachloroethane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Tetrachloroethene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Toluene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,2,3-Trichlorobenzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,1,1-Trichloroethane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,1,2-Trichloroethane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Trichloroethene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Trichlorofluoromethane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,2,3-Trichloropropane | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,2,4-Trimethylbenzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| 1,3,5-Trimethylbenzene | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Vinyl Chloride | ND | 0.50 | 1 | 07/29/2018 23:34 |
| Xylenes, Total | ND | 0.50 | 1 | 07/29/2018 23:34 |

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http://www.mccampbell.com / E-mail: main@mccampbell.com

# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/29/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2** | **1807D11-031A** | **Water** | **07/25/2018 12:55** | **GC10 07291826.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 94 | 78-134 | 07/29/2018 23:34 |
| Toluene-d8 | 120 | 82-120 | 07/29/2018 23:34 |
| 4-BFB | 75 | 69-131 | 07/29/2018 23:34 |

Analyst(s): KF

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http://www.mccampbell.com / E-mail: main@mccampbell.com

# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/29/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3** | **1807D11-032A** | **Water** | **07/25/2018 12:12** | **GC10 07291823.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acetone | ND | 10 | 1 | 07/29/2018 21:33 |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Benzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Bromobenzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Bromochloromethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Bromodichloromethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Bromoform | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Bromomethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 2-Butanone (MEK) | ND | 2.0 | 1 | 07/29/2018 21:33 |
| t-Butyl alcohol (TBA) | ND | 2.0 | 1 | 07/29/2018 21:33 |
| n-Butyl benzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| sec-Butyl benzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| tert-Butyl benzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Carbon Disulfide | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Carbon Tetrachloride | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Chlorobenzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Chloroethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Chloroform | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Chloromethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 2-Chlorotoluene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 4-Chlorotoluene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Dibromochloromethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,2-Dibromo-3-chloropropane | ND | 0.20 | 1 | 07/29/2018 21:33 |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Dibromomethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,2-Dichlorobenzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,3-Dichlorobenzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,4-Dichlorobenzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Dichlorodifluoromethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,1-Dichloroethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,1-Dichloroethene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| cis-1,2-Dichloroethene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| trans-1,2-Dichloroethene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,2-Dichloropropane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,3-Dichloropropane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 2,2-Dichloropropane | ND | 0.50 | 1 | 07/29/2018 21:33 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/29/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3** | **1807D11-032A** | **Water** | **07/25/2018 12:12** | **GC10 07291823.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| cis-1,3-Dichloropropene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| trans-1,3-Dichloropropene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Diisopropyl ether (DIPE) | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Ethylbenzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Freon 113 | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Hexachlorobutadiene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Hexachloroethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 2-Hexanone | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Isopropylbenzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 4-Isopropyl toluene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Methyl-t-butyl ether (MTBE) | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Methylene chloride | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Naphthalene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| n-Propyl benzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Styrene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,1,1,2-Tetrachloroethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Tetrachloroethene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Toluene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,2,3-Trichlorobenzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,1,1-Trichloroethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,1,2-Trichloroethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Trichloroethene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Trichlorofluoromethane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,2,3-Trichloropropane | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,2,4-Trimethylbenzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| 1,3,5-Trimethylbenzene | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Vinyl Chloride | ND | 0.50 | 1 | 07/29/2018 21:33 |
| Xylenes, Total | ND | 0.50 | 1 | 07/29/2018 21:33 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/29/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3** | **1807D11-032A** | **Water** | **07/25/2018 12:12** | **GC10 07291823.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|

| Surrogates | REC (%) | Qualifiers | Limits | |
|---|---|---|---|---|
| Dibromofluoromethane | 95 | | 78-134 | 07/29/2018 21:33 |
| Toluene-d8 | 121 | S | 82-120 | 07/29/2018 21:33 |
| 4-BFB | 78 | | 69-131 | 07/29/2018 21:33 |

Analyst(s): KF

Analytical Comments: c12

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/29/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8** | **1807D11-033A** | **Water** | **07/25/2018 08:22** | **GC10 07291825.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acetone | ND | 10 | 1 | 07/29/2018 22:54 |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Benzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Bromobenzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Bromochloromethane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Bromodichloromethane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Bromoform | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Bromomethane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 2-Butanone (MEK) | ND | 2.0 | 1 | 07/29/2018 22:54 |
| t-Butyl alcohol (TBA) | ND | 2.0 | 1 | 07/29/2018 22:54 |
| n-Butyl benzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| sec-Butyl benzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| tert-Butyl benzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Carbon Disulfide | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Carbon Tetrachloride | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Chlorobenzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Chloroethane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Chloroform | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Chloromethane | **0.64** | 0.50 | 1 | 07/29/2018 22:54 |
| 2-Chlorotoluene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 4-Chlorotoluene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Dibromochloromethane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,2-Dibromo-3-chloropropane | ND | 0.20 | 1 | 07/29/2018 22:54 |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Dibromomethane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,2-Dichlorobenzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,3-Dichlorobenzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,4-Dichlorobenzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Dichlorodifluoromethane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,1-Dichloroethane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,1-Dichloroethene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| cis-1,2-Dichloroethene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| trans-1,2-Dichloroethene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,2-Dichloropropane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,3-Dichloropropane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 2,2-Dichloropropane | ND | 0.50 | 1 | 07/29/2018 22:54 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/29/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8** | **1807D11-033A** | **Water** | **07/25/2018 08:22** | **GC10 07291825.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| cis-1,3-Dichloropropene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| trans-1,3-Dichloropropene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Diisopropyl ether (DIPE) | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Ethylbenzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Freon 113 | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Hexachlorobutadiene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Hexachloroethane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 2-Hexanone | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Isopropylbenzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 4-Isopropyl toluene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Methyl-t-butyl ether (MTBE) | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Methylene chloride | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Naphthalene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| n-Propyl benzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Styrene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,1,1,2-Tetrachloroethane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Tetrachloroethene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Toluene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,2,3-Trichlorobenzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,1,1-Trichloroethane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,1,2-Trichloroethane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Trichloroethene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Trichlorofluoromethane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,2,3-Trichloropropane | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,2,4-Trimethylbenzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| 1,3,5-Trimethylbenzene | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Vinyl Chloride | ND | 0.50 | 1 | 07/29/2018 22:54 |
| Xylenes, Total | ND | 0.50 | 1 | 07/29/2018 22:54 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/29/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8** | **1807D11-033A** | **Water** | **07/25/2018 08:22** | **GC10 07291825.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 93 | 78-134 | 07/29/2018 22:54 |
| Toluene-d8 | 120 | 82-120 | 07/29/2018 22:54 |
| 4-BFB | 75 | 69-131 | 07/29/2018 22:54 |

Analyst(s): KF

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/29/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9** | **1807D11-034A** | **Water** | **07/25/2018 09:50** | **GC10 07291824.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acetone | ND | 10 | 1 | 07/29/2018 22:14 |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Benzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Bromobenzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Bromochloromethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Bromodichloromethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Bromoform | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Bromomethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 2-Butanone (MEK) | ND | 2.0 | 1 | 07/29/2018 22:14 |
| t-Butyl alcohol (TBA) | ND | 2.0 | 1 | 07/29/2018 22:14 |
| n-Butyl benzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| sec-Butyl benzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| tert-Butyl benzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Carbon Disulfide | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Carbon Tetrachloride | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Chlorobenzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Chloroethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Chloroform | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Chloromethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 2-Chlorotoluene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 4-Chlorotoluene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Dibromochloromethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,2-Dibromo-3-chloropropane | ND | 0.20 | 1 | 07/29/2018 22:14 |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Dibromomethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,2-Dichlorobenzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,3-Dichlorobenzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,4-Dichlorobenzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Dichlorodifluoromethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,1-Dichloroethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,1-Dichloroethene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| cis-1,2-Dichloroethene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| trans-1,2-Dichloroethene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,2-Dichloropropane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,3-Dichloropropane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 2,2-Dichloropropane | ND | 0.50 | 1 | 07/29/2018 22:14 |

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/29/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9** | **1807D11-034A** | **Water** | **07/25/2018 09:50** | **GC10 07291824.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| cis-1,3-Dichloropropene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| trans-1,3-Dichloropropene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Diisopropyl ether (DIPE) | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Ethylbenzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Freon 113 | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Hexachlorobutadiene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Hexachloroethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 2-Hexanone | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Isopropylbenzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 4-Isopropyl toluene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Methyl-t-butyl ether (MTBE) | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Methylene chloride | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Naphthalene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| n-Propyl benzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Styrene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,1,1,2-Tetrachloroethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Tetrachloroethene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Toluene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,2,3-Trichlorobenzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,1,1-Trichloroethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,1,2-Trichloroethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Trichloroethene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Trichlorofluoromethane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,2,3-Trichloropropane | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,2,4-Trimethylbenzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| 1,3,5-Trimethylbenzene | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Vinyl Chloride | ND | 0.50 | 1 | 07/29/2018 22:14 |
| Xylenes, Total | ND | 0.50 | 1 | 07/29/2018 22:14 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/29/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Volatile Organics

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9** | **1807D11-034A** | **Water** | **07/25/2018 09:50** | **GC10 07291824.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 94 | 78-134 | 07/29/2018 22:14 |
| Toluene-d8 | 120 | 82-120 | 07/29/2018 22:14 |
| 4-BFB | 77 | 69-131 | 07/29/2018 22:14 |

Analyst(s): KF

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 8/6/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## TPH(g)

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-1@1'-1.5'** | **1807D11-001A** | **Soil** | **07/25/2018 12:37** | **GC10 08081811.D** | **162758** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 0.25 | 1 | 08/08/2018 14:21 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 112 | 82-136 | 08/08/2018 14:21 |
| Benzene-D6 | 85 | 55-122 | 08/08/2018 14:21 |

Analyst(s): KF

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2@1'-1.5'** | **1807D11-004A** | **Soil** | **07/25/2018 13:17** | **GC10 08081812.D** | **162758** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 0.25 | 1 | 08/08/2018 15:01 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 112 | 82-136 | 08/08/2018 15:01 |
| Benzene-D6 | 86 | 55-122 | 08/08/2018 15:01 |

Analyst(s): KF

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3@1'-1.5'** | **1807D11-007A** | **Soil** | **07/25/2018 11:49** | **GC10 08081813.D** | **162758** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 0.25 | 1 | 08/08/2018 15:42 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 112 | 82-136 | 08/08/2018 15:42 |
| Benzene-D6 | 84 | 55-122 | 08/08/2018 15:42 |

Analyst(s): KF

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 8/6/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## TPH(g)

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-4@2'-2.5'** | **1807D11-011A** | **Soil** | **07/25/2018 13:27** | **GC10 08081814.D** | **162758** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 0.25 | 1 | 08/08/2018 16:23 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 111 | 82-136 | 08/08/2018 16:23 |
| Benzene-D6 | 83 | 55-122 | 08/08/2018 16:23 |

Analyst(s): KF

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-5@1'-1.5'** | **1807D11-014A** | **Soil** | **07/25/2018 09:19** | **GC10 08081815.D** | **162758** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 0.25 | 1 | 08/08/2018 17:03 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 111 | 82-136 | 08/08/2018 17:03 |
| Benzene-D6 | 86 | 55-122 | 08/08/2018 17:03 |

Analyst(s): KF

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-6@1'-1.5'** | **1807D11-017A** | **Soil** | **07/25/2018 09:05** | **GC10 08081816.D** | **162758** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 0.25 | 1 | 08/08/2018 17:43 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 112 | 82-136 | 08/08/2018 17:43 |
| Benzene-D6 | 88 | 55-122 | 08/08/2018 17:43 |

Analyst(s): KF

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 8/6/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## TPH(g)

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-7@1'-1.5'** | **1807D11-020A** | **Soil** | **07/25/2018 08:41** | **GC10 08081821.D** | **162758** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 0.25 | 1 | 08/08/2018 21:10 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 112 | 82-136 | 08/08/2018 21:10 |
| Benzene-D6 | 82 | 55-122 | 08/08/2018 21:10 |

Analyst(s): KF

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8@1'-1.5'** | **1807D11-023A** | **Soil** | **07/25/2018 07:50** | **GC10 08081822.D** | **162758** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 0.25 | 1 | 08/08/2018 21:51 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 110 | 82-136 | 08/08/2018 21:51 |
| Benzene-D6 | 87 | 55-122 | 08/08/2018 21:51 |

Analyst(s): KF

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9@1'-1.5'** | **1807D11-027A** | **Soil** | **07/25/2018 10:00** | **GC10 08081823.D** | **162758** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 0.25 | 1 | 08/08/2018 22:31 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 111 | 82-136 | 08/08/2018 22:31 |
| Benzene-D6 | 90 | 55-122 | 08/08/2018 22:31 |

Analyst(s): KF

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW5030B |
| **Date Prepared:** | 7/29/18 | **Analytical Method:** | SW8260B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## TPH(g)

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2** | **1807D11-031A** | **Water** | **07/25/2018 12:55** | **GC10 07291826.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 50 | 1 | 07/29/2018 23:34 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 104 | 78-134 | 07/29/2018 23:34 |

Analyst(s): KF

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3** | **1807D11-032A** | **Water** | **07/25/2018 12:12** | **GC10 07291823.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 50 | 1 | 07/29/2018 21:33 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 105 | 78-134 | 07/29/2018 21:33 |

Analyst(s): KF

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8** | **1807D11-033A** | **Water** | **07/25/2018 08:22** | **GC10 07291825.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 50 | 1 | 07/29/2018 22:54 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 103 | 78-134 | 07/29/2018 22:54 |

Analyst(s): KF

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9** | **1807D11-034A** | **Water** | **07/25/2018 09:50** | **GC10 07291824.D** | **162339** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 50 | 1 | 07/29/2018 22:14 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Dibromofluoromethane | 104 | 78-134 | 07/29/2018 22:14 |

Analyst(s): KF

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/27/18 | **Analytical Method:** | SW8270C-SIM |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-1@1'-1.5'** | **1807D11-001A** | **Soil** | **07/25/2018 12:37** | **GC35 08011821.D** | **162305** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acenaphthene | ND | 0.010 | 1 | 08/01/2018 18:14 |
| Acenaphthylene | ND | 0.010 | 1 | 08/01/2018 18:14 |
| Anthracene | ND | 0.010 | 1 | 08/01/2018 18:14 |
| Benzo (a) anthracene | **0.014** | 0.010 | 1 | 08/01/2018 18:14 |
| Benzo (a) pyrene | ND | 0.010 | 1 | 08/01/2018 18:14 |
| Benzo (b) fluoranthene | **0.017** | 0.010 | 1 | 08/01/2018 18:14 |
| Benzo (g,h,i) perylene | **0.047** | 0.010 | 1 | 08/01/2018 18:14 |
| Benzo (k) fluoranthene | ND | 0.010 | 1 | 08/01/2018 18:14 |
| Chrysene | ND | 0.010 | 1 | 08/01/2018 18:14 |
| Dibenzo (a,h) anthracene | **0.010** | 0.010 | 1 | 08/01/2018 18:14 |
| Fluoranthene | ND | 0.010 | 1 | 08/01/2018 18:14 |
| Fluorene | ND | 0.010 | 1 | 08/01/2018 18:14 |
| Indeno (1,2,3-cd) pyrene | **0.024** | 0.010 | 1 | 08/01/2018 18:14 |
| 1-Methylnaphthalene | ND | 0.010 | 1 | 08/01/2018 18:14 |
| 2-Methylnaphthalene | ND | 0.010 | 1 | 08/01/2018 18:14 |
| Naphthalene | ND | 0.010 | 1 | 08/01/2018 18:14 |
| Phenanthrene | ND | 0.010 | 1 | 08/01/2018 18:14 |
| Pyrene | ND | 0.010 | 1 | 08/01/2018 18:14 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| 1-Fluoronaphthalene | 115 | 40-147 | 08/01/2018 18:14 |
| 2-Fluorobiphenyl | 121 | 39-143 | 08/01/2018 18:14 |

Analyst(s): REB

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/27/18 | **Analytical Method:** | SW8270C-SIM |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2@1'-1.5'** | **1807D11-004A** | **Soil** | **07/25/2018 13:17** | **GC35 08021825.D** | **162305** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acenaphthene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Acenaphthylene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Anthracene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Benzo (a) anthracene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Benzo (a) pyrene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Benzo (b) fluoranthene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Benzo (g,h,i) perylene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Benzo (k) fluoranthene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Chrysene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Dibenzo (a,h) anthracene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Fluoranthene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Fluorene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Indeno (1,2,3-cd) pyrene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| 1-Methylnaphthalene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| 2-Methylnaphthalene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Naphthalene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Phenanthrene | ND | 0.010 | 1 | 08/02/2018 19:39 |
| Pyrene | ND | 0.010 | 1 | 08/02/2018 19:39 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| 1-Fluoronaphthalene | 121 | 40-147 | 08/02/2018 19:39 |
| 2-Fluorobiphenyl | 117 | 39-143 | 08/02/2018 19:39 |

Analyst(s): REB

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/27/18 | **Analytical Method:** | SW8270C-SIM |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3@1'-1.5'** | **1807D11-007A** | **Soil** | **07/25/2018 11:49** | **GC35 08011823.D** | **162305** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acenaphthene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| Acenaphthylene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| Anthracene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| Benzo (a) anthracene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| Benzo (a) pyrene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| Benzo (b) fluoranthene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| Benzo (g,h,i) perylene | **0.035** | 0.010 | 1 | 08/01/2018 19:05 |
| Benzo (k) fluoranthene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| Chrysene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| Dibenzo (a,h) anthracene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| Fluoranthene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| Fluorene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| Indeno (1,2,3-cd) pyrene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| 1-Methylnaphthalene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| 2-Methylnaphthalene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| Naphthalene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| Phenanthrene | ND | 0.010 | 1 | 08/01/2018 19:05 |
| Pyrene | ND | 0.010 | 1 | 08/01/2018 19:05 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| 1-Fluoronaphthalene | 111 | 40-147 | 08/01/2018 19:05 |
| 2-Fluorobiphenyl | 118 | 39-143 | 08/01/2018 19:05 |

Analyst(s): REB

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/27/18 | **Analytical Method:** | SW8270C-SIM |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-4@2'-2.5'** | **1807D11-011A** | **Soil** | **07/25/2018 13:27** | **GC35 08011824.D** | **162305** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acenaphthene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| Acenaphthylene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| Anthracene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| Benzo (a) anthracene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| Benzo (a) pyrene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| Benzo (b) fluoranthene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| Benzo (g,h,i) perylene | **0.035** | 0.010 | 1 | 08/01/2018 19:30 |
| Benzo (k) fluoranthene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| Chrysene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| Dibenzo (a,h) anthracene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| Fluoranthene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| Fluorene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| Indeno (1,2,3-cd) pyrene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| 1-Methylnaphthalene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| 2-Methylnaphthalene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| Naphthalene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| Phenanthrene | ND | 0.010 | 1 | 08/01/2018 19:30 |
| Pyrene | ND | 0.010 | 1 | 08/01/2018 19:30 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| 1-Fluoronaphthalene | 110 | 40-147 | 08/01/2018 19:30 |
| 2-Fluorobiphenyl | 113 | 39-143 | 08/01/2018 19:30 |

Analyst(s): REB

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/27/18 | **Analytical Method:** | SW8270C-SIM |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-5@1'-1.5'** | **1807D11-014A** | **Soil** | **07/25/2018 09:19** | **GC35 07311812.D** | **162305** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acenaphthene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Acenaphthylene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Anthracene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Benzo (a) anthracene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Benzo (a) pyrene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Benzo (b) fluoranthene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Benzo (g,h,i) perylene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Benzo (k) fluoranthene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Chrysene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Dibenzo (a,h) anthracene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Fluoranthene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Fluorene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Indeno (1,2,3-cd) pyrene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| 1-Methylnaphthalene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| 2-Methylnaphthalene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Naphthalene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Phenanthrene | ND | 0.010 | 1 | 07/31/2018 14:12 |
| Pyrene | ND | 0.010 | 1 | 07/31/2018 14:12 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| 1-Fluoronaphthalene | 124 | 40-147 | 07/31/2018 14:12 |
| 2-Fluorobiphenyl | 133 | 39-143 | 07/31/2018 14:12 |

Analyst(s): REB

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/27/18 | **Analytical Method:** | SW8270C-SIM |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-6@1'-1.5'** | **1807D11-017A** | **Soil** | **07/25/2018 09:05** | **GC35 08011825.D** | **162305** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acenaphthene | ND | 0.010 | 1 | 08/01/2018 19:55 |
| Acenaphthylene | ND | 0.010 | 1 | 08/01/2018 19:55 |
| Anthracene | ND | 0.010 | 1 | 08/01/2018 19:55 |
| Benzo (a) anthracene | ND | 0.010 | 1 | 08/01/2018 19:55 |
| Benzo (a) pyrene | ND | 0.010 | 1 | 08/01/2018 19:55 |
| Benzo (b) fluoranthene | **0.011** | 0.010 | 1 | 08/01/2018 19:55 |
| Benzo (g,h,i) perylene | **0.029** | 0.010 | 1 | 08/01/2018 19:55 |
| Benzo (k) fluoranthene | ND | 0.010 | 1 | 08/01/2018 19:55 |
| Chrysene | ND | 0.010 | 1 | 08/01/2018 19:55 |
| Dibenzo (a,h) anthracene | ND | 0.010 | 1 | 08/01/2018 19:55 |
| Fluoranthene | ND | 0.010 | 1 | 08/01/2018 19:55 |
| Fluorene | ND | 0.010 | 1 | 08/01/2018 19:55 |
| Indeno (1,2,3-cd) pyrene | **0.013** | 0.010 | 1 | 08/01/2018 19:55 |
| 1-Methylnaphthalene | ND | 0.010 | 1 | 08/01/2018 19:55 |
| 2-Methylnaphthalene | ND | 0.010 | 1 | 08/01/2018 19:55 |
| Naphthalene | ND | 0.010 | 1 | 08/01/2018 19:55 |
| Phenanthrene | ND | 0.010 | 1 | 08/01/2018 19:55 |
| Pyrene | ND | 0.010 | 1 | 08/01/2018 19:55 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| 1-Fluoronaphthalene | 110 | 40-147 | 08/01/2018 19:55 |
| 2-Fluorobiphenyl | 119 | 39-143 | 08/01/2018 19:55 |

Analyst(s): REB

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/27/18 | **Analytical Method:** | SW8270C-SIM |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-7@1'-1.5'** | **1807D11-020A** | **Soil** | **07/25/2018 08:41** | **GC35 08011826.D** | **162305** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acenaphthene | ND | 0.010 | 1 | 08/01/2018 20:20 |
| Acenaphthylene | ND | 0.010 | 1 | 08/01/2018 20:20 |
| Anthracene | ND | 0.010 | 1 | 08/01/2018 20:20 |
| Benzo (a) anthracene | **0.010** | 0.010 | 1 | 08/01/2018 20:20 |
| Benzo (a) pyrene | ND | 0.010 | 1 | 08/01/2018 20:20 |
| Benzo (b) fluoranthene | **0.011** | 0.010 | 1 | 08/01/2018 20:20 |
| Benzo (g,h,i) perylene | **0.031** | 0.010 | 1 | 08/01/2018 20:20 |
| Benzo (k) fluoranthene | ND | 0.010 | 1 | 08/01/2018 20:20 |
| Chrysene | ND | 0.010 | 1 | 08/01/2018 20:20 |
| Dibenzo (a,h) anthracene | ND | 0.010 | 1 | 08/01/2018 20:20 |
| Fluoranthene | ND | 0.010 | 1 | 08/01/2018 20:20 |
| Fluorene | ND | 0.010 | 1 | 08/01/2018 20:20 |
| Indeno (1,2,3-cd) pyrene | **0.014** | 0.010 | 1 | 08/01/2018 20:20 |
| 1-Methylnaphthalene | ND | 0.010 | 1 | 08/01/2018 20:20 |
| 2-Methylnaphthalene | ND | 0.010 | 1 | 08/01/2018 20:20 |
| Naphthalene | ND | 0.010 | 1 | 08/01/2018 20:20 |
| Phenanthrene | ND | 0.010 | 1 | 08/01/2018 20:20 |
| Pyrene | ND | 0.010 | 1 | 08/01/2018 20:20 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| 1-Fluoronaphthalene | 113 | 40-147 | 08/01/2018 20:20 |
| 2-Fluorobiphenyl | 111 | 39-143 | 08/01/2018 20:20 |

Analyst(s): REB

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/27/18 | **Analytical Method:** | SW8270C-SIM |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8@1'-1.5'** | **1807D11-023A** | **Soil** | **07/25/2018 07:50** | **GC35 07311815.D** | **162305** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acenaphthene | ND | 0.010 | 1 | 07/31/2018 16:23 |
| Acenaphthylene | ND | 0.010 | 1 | 07/31/2018 16:23 |
| Anthracene | ND | 0.010 | 1 | 07/31/2018 16:23 |
| Benzo (a) anthracene | **0.014** | 0.010 | 1 | 07/31/2018 16:23 |
| Benzo (a) pyrene | ND | 0.010 | 1 | 07/31/2018 16:23 |
| Benzo (b) fluoranthene | **0.014** | 0.010 | 1 | 07/31/2018 16:23 |
| Benzo (g,h,i) perylene | **0.020** | 0.010 | 1 | 07/31/2018 16:23 |
| Benzo (k) fluoranthene | ND | 0.010 | 1 | 07/31/2018 16:23 |
| Chrysene | ND | 0.010 | 1 | 07/31/2018 16:23 |
| Dibenzo (a,h) anthracene | ND | 0.010 | 1 | 07/31/2018 16:23 |
| Fluoranthene | ND | 0.010 | 1 | 07/31/2018 16:23 |
| Fluorene | ND | 0.010 | 1 | 07/31/2018 16:23 |
| Indeno (1,2,3-cd) pyrene | ND | 0.010 | 1 | 07/31/2018 16:23 |
| 1-Methylnaphthalene | ND | 0.010 | 1 | 07/31/2018 16:23 |
| 2-Methylnaphthalene | ND | 0.010 | 1 | 07/31/2018 16:23 |
| Naphthalene | ND | 0.010 | 1 | 07/31/2018 16:23 |
| Phenanthrene | ND | 0.010 | 1 | 07/31/2018 16:23 |
| Pyrene | ND | 0.010 | 1 | 07/31/2018 16:23 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| 1-Fluoronaphthalene | 116 | 40-147 | 07/31/2018 16:23 |
| 2-Fluorobiphenyl | 121 | 39-143 | 07/31/2018 16:23 |

Analyst(s): REB

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B |
| **Date Prepared:** | 7/27/18 | **Analytical Method:** | SW8270C-SIM |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9@1'-1.5'** | **1807D11-027A** | **Soil** | **07/25/2018 10:00** | **GC35 08011827.D** | **162305** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acenaphthene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| Acenaphthylene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| Anthracene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| Benzo (a) anthracene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| Benzo (a) pyrene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| Benzo (b) fluoranthene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| Benzo (g,h,i) perylene | **0.024** | 0.010 | 1 | 08/01/2018 20:45 |
| Benzo (k) fluoranthene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| Chrysene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| Dibenzo (a,h) anthracene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| Fluoranthene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| Fluorene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| Indeno (1,2,3-cd) pyrene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| 1-Methylnaphthalene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| 2-Methylnaphthalene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| Naphthalene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| Phenanthrene | ND | 0.010 | 1 | 08/01/2018 20:45 |
| Pyrene | ND | 0.010 | 1 | 08/01/2018 20:45 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| 1-Fluoronaphthalene | 111 | 40-147 | 08/01/2018 20:45 |
| 2-Fluorobiphenyl | 121 | 39-143 | 08/01/2018 20:45 |

Analyst(s): REB

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3510C |
| **Date Prepared:** | 7/31/18 | **Analytical Method:** | SW8270C-SIM |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2** | **1807D11-031C** | **Water** | **07/25/2018 12:55** | **GC35 08011828.D** | **162419** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| Acenaphthylene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| Anthracene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| Benzo (a) anthracene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| Benzo (a) pyrene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| Benzo (b) fluoranthene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| Benzo (g,h,i) perylene | **0.62** | 0.50 | 1 | 08/01/2018 21:10 |
| Benzo (k) fluoranthene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| Chrysene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| Dibenzo (a,h) anthracene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| Fluoranthene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| Fluorene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| Indeno (1,2,3-cd) pyrene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| 1-Methylnaphthalene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| 2-Methylnaphthalene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| Naphthalene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| Phenanthrene | ND | 0.50 | 1 | 08/01/2018 21:10 |
| Pyrene | ND | 0.50 | 1 | 08/01/2018 21:10 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| 1-Fluoronaphthalene | 111 | 32-146 | 08/01/2018 21:10 |
| 2-Fluorobiphenyl | 109 | 23-143 | 08/01/2018 21:10 |

Analyst(s): REB

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3510C |
| **Date Prepared:** | 7/31/18 | **Analytical Method:** | SW8270C-SIM |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3** | **1807D11-032C** | **Water** | **07/25/2018 12:12** | **GC35 08011829.D** | **162419** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| Acenaphthylene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| Anthracene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| Benzo (a) anthracene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| Benzo (a) pyrene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| Benzo (b) fluoranthene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| Benzo (g,h,i) perylene | **0.91** | 0.50 | 1 | 08/01/2018 21:35 |
| Benzo (k) fluoranthene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| Chrysene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| Dibenzo (a,h) anthracene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| Fluoranthene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| Fluorene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| Indeno (1,2,3-cd) pyrene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| 1-Methylnaphthalene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| 2-Methylnaphthalene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| Naphthalene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| Phenanthrene | ND | 0.50 | 1 | 08/01/2018 21:35 |
| Pyrene | ND | 0.50 | 1 | 08/01/2018 21:35 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| 1-Fluoronaphthalene | 110 | 32-146 | 08/01/2018 21:35 |
| 2-Fluorobiphenyl | 115 | 23-143 | 08/01/2018 21:35 |

Analyst(s): REB

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3510C |
| **Date Prepared:** | 7/31/18 | **Analytical Method:** | SW8270C-SIM |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8** | **1807D11-033C** | **Water** | **07/25/2018 08:22** | **GC35 08011830.D** | **162419** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| Acenaphthylene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| Anthracene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| Benzo (a) anthracene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| Benzo (a) pyrene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| Benzo (b) fluoranthene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| Benzo (g,h,i) perylene | **0.74** | 0.50 | 1 | 08/01/2018 22:00 |
| Benzo (k) fluoranthene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| Chrysene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| Dibenzo (a,h) anthracene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| Fluoranthene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| Fluorene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| Indeno (1,2,3-cd) pyrene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| 1-Methylnaphthalene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| 2-Methylnaphthalene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| Naphthalene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| Phenanthrene | ND | 0.50 | 1 | 08/01/2018 22:00 |
| Pyrene | ND | 0.50 | 1 | 08/01/2018 22:00 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| 1-Fluoronaphthalene | 110 | 32-146 | 08/01/2018 22:00 |
| 2-Fluorobiphenyl | 110 | 23-143 | 08/01/2018 22:00 |

Analyst(s): REB

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3050B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW6020 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## CAM / CCR 17 Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-1@1'-1.5'** | **1807D11-001A** | **Soil** | **07/25/2018 12:37** | **ICP-MS1 019SMPL.D** | **162241** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Antimony | **0.65** | 0.50 | 1 | 07/27/2018 10:20 |
| Arsenic | **8.7** | 0.50 | 1 | 07/27/2018 10:20 |
| Barium | **170** | 5.0 | 1 | 07/27/2018 10:20 |
| Beryllium | **0.61** | 0.50 | 1 | 07/27/2018 10:20 |
| Cadmium | **0.55** | 0.25 | 1 | 07/27/2018 10:20 |
| Chromium | **65** | 0.50 | 1 | 07/27/2018 10:20 |
| Cobalt | **21** | 0.50 | 1 | 07/27/2018 10:20 |
| Copper | **40** | 0.50 | 1 | 07/27/2018 10:20 |
| Lead | **15** | 0.50 | 1 | 07/27/2018 10:20 |
| Mercury | **1.9** | 0.050 | 1 | 07/27/2018 10:20 |
| Molybdenum | **1.6** | 0.50 | 1 | 07/27/2018 10:20 |
| Nickel | **100** | 0.50 | 1 | 07/27/2018 10:20 |
| Selenium | ND | 0.50 | 1 | 07/27/2018 10:20 |
| Silver | ND | 0.50 | 1 | 07/27/2018 10:20 |
| Thallium | ND | 0.50 | 1 | 07/27/2018 10:20 |
| Vanadium | **69** | 0.50 | 1 | 07/27/2018 10:20 |
| Zinc | **64** | 5.0 | 1 | 07/27/2018 10:20 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 99 | 70-130 | 07/27/2018 10:20 |

Analyst(s): ND

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3050B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW6020 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## CAM / CCR 17 Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2@1'-1.5'** | **1807D11-004A** | **Soil** | **07/25/2018 13:17** | **ICP-MS3 133SMPL.D** | **162241** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Antimony | **0.69** | 0.50 | 1 | 07/27/2018 22:13 |
| Arsenic | **8.6** | 0.50 | 1 | 07/27/2018 22:13 |
| Barium | **210** | 5.0 | 1 | 07/27/2018 22:13 |
| Beryllium | **0.86** | 0.50 | 1 | 07/27/2018 22:13 |
| Cadmium | ND | 0.25 | 1 | 07/27/2018 22:13 |
| Chromium | **71** | 0.50 | 1 | 07/27/2018 22:13 |
| Cobalt | **17** | 0.50 | 1 | 07/27/2018 22:13 |
| Copper | **37** | 0.50 | 1 | 07/27/2018 22:13 |
| Lead | **14** | 0.50 | 1 | 07/27/2018 22:13 |
| Mercury | **0.92** | 0.050 | 1 | 07/27/2018 22:13 |
| Molybdenum | **1.1** | 0.50 | 1 | 07/27/2018 22:13 |
| Nickel | **87** | 0.50 | 1 | 07/27/2018 22:13 |
| Selenium | ND | 0.50 | 1 | 07/27/2018 22:13 |
| Silver | ND | 0.50 | 1 | 07/27/2018 22:13 |
| Thallium | ND | 0.50 | 1 | 07/27/2018 22:13 |
| Vanadium | **66** | 0.50 | 1 | 07/27/2018 22:13 |
| Zinc | **66** | 5.0 | 1 | 07/27/2018 22:13 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 102 | 70-130 | 07/27/2018 22:13 |

Analyst(s): DB

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3050B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW6020 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## CAM / CCR 17 Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3@1'-1.5'** | **1807D11-007A** | **Soil** | **07/25/2018 11:49** | **ICP-MS3 130SMPL.D** | **162241** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Antimony | **0.62** | 0.50 | 1 | 07/27/2018 21:55 |
| Arsenic | **5.1** | 0.50 | 1 | 07/27/2018 21:55 |
| Barium | **250** | 5.0 | 1 | 07/27/2018 21:55 |
| Beryllium | **0.71** | 0.50 | 1 | 07/27/2018 21:55 |
| Cadmium | **0.34** | 0.25 | 1 | 07/27/2018 21:55 |
| Chromium | **57** | 0.50 | 1 | 07/27/2018 21:55 |
| Cobalt | **12** | 0.50 | 1 | 07/27/2018 21:55 |
| Copper | **32** | 0.50 | 1 | 07/27/2018 21:55 |
| Lead | **10** | 0.50 | 1 | 07/27/2018 21:55 |
| Mercury | **0.37** | 0.050 | 1 | 07/27/2018 21:55 |
| Molybdenum | **1.0** | 0.50 | 1 | 07/27/2018 21:55 |
| Nickel | **66** | 0.50 | 1 | 07/27/2018 21:55 |
| Selenium | **0.51** | 0.50 | 1 | 07/27/2018 21:55 |
| Silver | ND | 0.50 | 1 | 07/27/2018 21:55 |
| Thallium | ND | 0.50 | 1 | 07/27/2018 21:55 |
| Vanadium | **59** | 0.50 | 1 | 07/27/2018 21:55 |
| Zinc | **62** | 5.0 | 1 | 07/27/2018 21:55 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 100 | 70-130 | 07/27/2018 21:55 |

Analyst(s): DB

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3050B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW6020 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## CAM / CCR 17 Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-4@2'-2.5'** | **1807D11-011A** | **Soil** | **07/25/2018 13:27** | **ICP-MS3 132SMPL.D** | **162241** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Antimony | **0.67** | 0.50 | 1 | 07/27/2018 22:07 |
| Arsenic | **6.2** | 0.50 | 1 | 07/27/2018 22:07 |
| Barium | **160** | 5.0 | 1 | 07/27/2018 22:07 |
| Beryllium | **0.74** | 0.50 | 1 | 07/27/2018 22:07 |
| Cadmium | ND | 0.25 | 1 | 07/27/2018 22:07 |
| Chromium | **60** | 0.50 | 1 | 07/27/2018 22:07 |
| Cobalt | **15** | 0.50 | 1 | 07/27/2018 22:07 |
| Copper | **30** | 0.50 | 1 | 07/27/2018 22:07 |
| Lead | **13** | 0.50 | 1 | 07/27/2018 22:07 |
| Mercury | **1.5** | 0.050 | 1 | 07/27/2018 22:07 |
| Molybdenum | **1.3** | 0.50 | 1 | 07/27/2018 22:07 |
| Nickel | **78** | 0.50 | 1 | 07/27/2018 22:07 |
| Selenium | ND | 0.50 | 1 | 07/27/2018 22:07 |
| Silver | ND | 0.50 | 1 | 07/27/2018 22:07 |
| Thallium | ND | 0.50 | 1 | 07/27/2018 22:07 |
| Vanadium | **54** | 0.50 | 1 | 07/27/2018 22:07 |
| Zinc | **57** | 5.0 | 1 | 07/27/2018 22:07 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 102 | 70-130 | 07/27/2018 22:07 |

Analyst(s): DB

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3050B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW6020 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## CAM / CCR 17 Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-5@1'-1.5'** | **1807D11-014A** | **Soil** | **07/25/2018 09:19** | **ICP-MS3 118SMPL.D** | **162241** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Antimony | **0.55** | 0.50 | 1 | 07/27/2018 20:40 |
| Arsenic | **6.5** | 0.50 | 1 | 07/27/2018 20:40 |
| Barium | **220** | 5.0 | 1 | 07/27/2018 20:40 |
| Beryllium | **0.89** | 0.50 | 1 | 07/27/2018 20:40 |
| Cadmium | **0.33** | 0.25 | 1 | 07/27/2018 20:40 |
| Chromium | **83** | 0.50 | 1 | 07/27/2018 20:40 |
| Cobalt | **17** | 0.50 | 1 | 07/27/2018 20:40 |
| Copper | **42** | 0.50 | 1 | 07/27/2018 20:40 |
| Lead | **13** | 0.50 | 1 | 07/27/2018 20:40 |
| Mercury | **0.55** | 0.050 | 1 | 07/27/2018 20:40 |
| Molybdenum | **1.6** | 0.50 | 1 | 07/27/2018 20:40 |
| Nickel | **110** | 0.50 | 1 | 07/27/2018 20:40 |
| Selenium | ND | 0.50 | 1 | 07/27/2018 20:40 |
| Silver | ND | 0.50 | 1 | 07/27/2018 20:40 |
| Thallium | ND | 0.50 | 1 | 07/27/2018 20:40 |
| Vanadium | **72** | 0.50 | 1 | 07/27/2018 20:40 |
| Zinc | **69** | 5.0 | 1 | 07/27/2018 20:40 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 101 | 70-130 | 07/27/2018 20:40 |

Analyst(s): DB

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3050B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW6020 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## CAM / CCR 17 Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-6@1'-1.5'** | **1807D11-017A** | **Soil** | **07/25/2018 09:05** | **ICP-MS3 137SMPL.D** | **162241** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Antimony | **0.68** | 0.50 | 1 | 07/27/2018 22:37 |
| Arsenic | **12** | 0.50 | 1 | 07/27/2018 22:37 |
| Barium | **160** | 5.0 | 1 | 07/27/2018 22:37 |
| Beryllium | **0.67** | 0.50 | 1 | 07/27/2018 22:37 |
| Cadmium | **0.43** | 0.25 | 1 | 07/27/2018 22:37 |
| Chromium | **80** | 0.50 | 1 | 07/27/2018 22:37 |
| Cobalt | **16** | 0.50 | 1 | 07/27/2018 22:37 |
| Copper | **46** | 0.50 | 1 | 07/27/2018 22:37 |
| Lead | **20** | 0.50 | 1 | 07/27/2018 22:37 |
| Mercury | **1.8** | 0.050 | 1 | 07/27/2018 22:37 |
| Molybdenum | **1.0** | 0.50 | 1 | 07/27/2018 22:37 |
| Nickel | **140** | 0.50 | 1 | 07/27/2018 22:37 |
| Selenium | ND | 0.50 | 1 | 07/27/2018 22:37 |
| Silver | ND | 0.50 | 1 | 07/27/2018 22:37 |
| Thallium | ND | 0.50 | 1 | 07/27/2018 22:37 |
| Vanadium | **64** | 0.50 | 1 | 07/27/2018 22:37 |
| Zinc | **67** | 5.0 | 1 | 07/27/2018 22:37 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 99 | 70-130 | 07/27/2018 22:37 |

Analyst(s): DB

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3050B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW6020 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## CAM / CCR 17 Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-7@1'-1.5'** | **1807D11-020A** | **Soil** | **07/25/2018 08:41** | **ICP-MS1 052SMPL.D** | **162241** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Antimony | **1.1** | 0.50 | 1 | 07/27/2018 13:40 |
| Arsenic | **22** | 0.50 | 1 | 07/27/2018 13:40 |
| Barium | **220** | 5.0 | 1 | 07/27/2018 13:40 |
| Beryllium | **0.79** | 0.50 | 1 | 07/27/2018 13:40 |
| Cadmium | **0.35** | 0.25 | 1 | 07/27/2018 13:40 |
| Chromium | **83** | 0.50 | 1 | 07/27/2018 13:40 |
| Cobalt | **18** | 0.50 | 1 | 07/27/2018 13:40 |
| Copper | **51** | 0.50 | 1 | 07/27/2018 13:40 |
| Lead | **30** | 0.50 | 1 | 07/27/2018 13:40 |
| Mercury | **3.1** | 0.050 | 1 | 07/27/2018 13:40 |
| Molybdenum | **1.1** | 0.50 | 1 | 07/27/2018 13:40 |
| Nickel | **120** | 0.50 | 1 | 07/27/2018 13:40 |
| Selenium | ND | 0.50 | 1 | 07/27/2018 13:40 |
| Silver | ND | 0.50 | 1 | 07/27/2018 13:40 |
| Thallium | ND | 0.50 | 1 | 07/27/2018 13:40 |
| Vanadium | **70** | 0.50 | 1 | 07/27/2018 13:40 |
| Zinc | **98** | 5.0 | 1 | 07/27/2018 13:40 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 107 | 70-130 | 07/27/2018 13:40 |

Analyst(s): ND

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3050B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW6020 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## CAM / CCR 17 Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8@1'-1.5'** | **1807D11-023A** | **Soil** | **07/25/2018 07:50** | **ICP-MS3 131SMPL.D** | **162241** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Antimony | **1.0** | 0.50 | 1 | 07/27/2018 22:01 |
| Arsenic | **15** | 0.50 | 1 | 07/27/2018 22:01 |
| Barium | **480** | 5.0 | 1 | 07/27/2018 22:01 |
| Beryllium | **0.71** | 0.50 | 1 | 07/27/2018 22:01 |
| Cadmium | **0.66** | 0.25 | 1 | 07/27/2018 22:01 |
| Chromium | **92** | 0.50 | 1 | 07/27/2018 22:01 |
| Cobalt | **20** | 0.50 | 1 | 07/27/2018 22:01 |
| Copper | **51** | 0.50 | 1 | 07/27/2018 22:01 |
| Lead | **21** | 0.50 | 1 | 07/27/2018 22:01 |
| Mercury | **1.9** | 0.050 | 1 | 07/27/2018 22:01 |
| Molybdenum | **1.5** | 0.50 | 1 | 07/27/2018 22:01 |
| Nickel | **160** | 0.50 | 1 | 07/27/2018 22:01 |
| Selenium | **0.82** | 0.50 | 1 | 07/27/2018 22:01 |
| Silver | ND | 0.50 | 1 | 07/27/2018 22:01 |
| Thallium | ND | 0.50 | 1 | 07/27/2018 22:01 |
| Vanadium | **83** | 0.50 | 1 | 07/27/2018 22:01 |
| Zinc | **85** | 5.0 | 1 | 07/27/2018 22:01 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 100 | 70-130 | 07/27/2018 22:01 |

Analyst(s): DB

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3050B |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW6020 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## CAM / CCR 17 Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9@1'-1.5'** | **1807D11-027A** | **Soil** | **07/25/2018 10:00** | **ICP-MS3 119SMPL.D** | **162241** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Antimony | **0.67** | 0.50 | 1 | 07/27/2018 20:46 |
| Arsenic | **6.4** | 0.50 | 1 | 07/27/2018 20:46 |
| Barium | **200** | 5.0 | 1 | 07/27/2018 20:46 |
| Beryllium | **0.86** | 0.50 | 1 | 07/27/2018 20:46 |
| Cadmium | ND | 0.25 | 1 | 07/27/2018 20:46 |
| Chromium | **70** | 0.50 | 1 | 07/27/2018 20:46 |
| Cobalt | **17** | 0.50 | 1 | 07/27/2018 20:46 |
| Copper | **35** | 0.50 | 1 | 07/27/2018 20:46 |
| Lead | **12** | 0.50 | 1 | 07/27/2018 20:46 |
| Mercury | **0.74** | 0.050 | 1 | 07/27/2018 20:46 |
| Molybdenum | **1.1** | 0.50 | 1 | 07/27/2018 20:46 |
| Nickel | **83** | 0.50 | 1 | 07/27/2018 20:46 |
| Selenium | ND | 0.50 | 1 | 07/27/2018 20:46 |
| Silver | ND | 0.50 | 1 | 07/27/2018 20:46 |
| Thallium | ND | 0.50 | 1 | 07/27/2018 20:46 |
| Vanadium | **66** | 0.50 | 1 | 07/27/2018 20:46 |
| Zinc | **60** | 5.0 | 1 | 07/27/2018 20:46 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 104 | 70-130 | 07/27/2018 20:46 |

Analyst(s): DB

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | E200.8 |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | E200.8 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## CAM / CCR 17 Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2** | **1807D11-031E** | **Water** | **07/25/2018 12:55** | **ICP-MS2 065SMPL.D** | **162196** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Antimony | ND | 0.50 | 1 | 07/27/2018 15:26 |
| Arsenic | **0.93** | 0.50 | 1 | 07/27/2018 15:26 |
| Barium | **100** | 5.0 | 1 | 07/27/2018 15:26 |
| Beryllium | ND | 0.50 | 1 | 07/27/2018 15:26 |
| Cadmium | ND | 0.25 | 1 | 07/27/2018 15:26 |
| Chromium | **0.56** | 0.50 | 1 | 07/27/2018 15:26 |
| Cobalt | **22** | 0.50 | 1 | 07/27/2018 15:26 |
| Copper | **2.3** | 2.0 | 1 | 07/27/2018 15:26 |
| Lead | ND | 0.50 | 1 | 07/27/2018 15:26 |
| Mercury | ND | 0.050 | 1 | 07/27/2018 15:26 |
| Molybdenum | **160** | 0.50 | 1 | 07/27/2018 15:26 |
| Nickel | **7.0** | 0.50 | 1 | 07/27/2018 15:26 |
| Selenium | **7.3** | 0.50 | 1 | 07/27/2018 15:26 |
| Silver | ND | 0.19 | 1 | 07/27/2018 15:26 |
| Thallium | ND | 0.50 | 1 | 07/27/2018 15:26 |
| Vanadium | **4.7** | 0.50 | 1 | 07/27/2018 15:26 |
| Zinc | ND | 15 | 1 | 07/27/2018 15:26 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 103 | 70-130 | 07/27/2018 15:26 |

Analyst(s): MIG

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | E200.8 |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | E200.8 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## CAM / CCR 17 Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3** | **1807D11-032E** | **Water** | **07/25/2018 12:12** | **ICP-MS2 073SMPL.D** | **162196** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Antimony | ND | 0.50 | 1 | 07/27/2018 16:15 |
| Arsenic | **0.87** | 0.50 | 1 | 07/27/2018 16:15 |
| Barium | **16** | 5.0 | 1 | 07/27/2018 16:15 |
| Beryllium | ND | 0.50 | 1 | 07/27/2018 16:15 |
| Cadmium | ND | 0.25 | 1 | 07/27/2018 16:15 |
| Chromium | ND | 0.50 | 1 | 07/27/2018 16:15 |
| Cobalt | **1.9** | 0.50 | 1 | 07/27/2018 16:15 |
| Copper | **4.3** | 2.0 | 1 | 07/27/2018 16:15 |
| Lead | ND | 0.50 | 1 | 07/27/2018 16:15 |
| Mercury | ND | 0.050 | 1 | 07/27/2018 16:15 |
| Molybdenum | **79** | 0.50 | 1 | 07/27/2018 16:15 |
| Nickel | **5.5** | 0.50 | 1 | 07/27/2018 16:15 |
| Selenium | ND | 0.50 | 1 | 07/27/2018 16:15 |
| Silver | ND | 0.19 | 1 | 07/27/2018 16:15 |
| Thallium | ND | 0.50 | 1 | 07/27/2018 16:15 |
| Vanadium | **3.9** | 0.50 | 1 | 07/27/2018 16:15 |
| Zinc | ND | 15 | 1 | 07/27/2018 16:15 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 101 | 70-130 | 07/27/2018 16:15 |

Analyst(s): MIG

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | E200.8 |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | E200.8 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## CAM / CCR 17 Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8** | **1807D11-033E** | **Water** | **07/25/2018 08:22** | **ICP-MS2 072SMPL.D** | **162196** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Antimony | ND | 0.50 | 1 | 07/27/2018 16:09 |
| Arsenic | **1.0** | 0.50 | 1 | 07/27/2018 16:09 |
| Barium | **33** | 5.0 | 1 | 07/27/2018 16:09 |
| Beryllium | ND | 0.50 | 1 | 07/27/2018 16:09 |
| Cadmium | ND | 0.25 | 1 | 07/27/2018 16:09 |
| Chromium | **0.65** | 0.50 | 1 | 07/27/2018 16:09 |
| Cobalt | **3.1** | 0.50 | 1 | 07/27/2018 16:09 |
| Copper | **5.5** | 2.0 | 1 | 07/27/2018 16:09 |
| Lead | ND | 0.50 | 1 | 07/27/2018 16:09 |
| Mercury | **0.050** | 0.050 | 1 | 07/27/2018 16:09 |
| Molybdenum | **110** | 0.50 | 1 | 07/27/2018 16:09 |
| Nickel | **8.7** | 0.50 | 1 | 07/27/2018 16:09 |
| Selenium | ND | 0.50 | 1 | 07/27/2018 16:09 |
| Silver | ND | 0.19 | 1 | 07/27/2018 16:09 |
| Thallium | ND | 0.50 | 1 | 07/27/2018 16:09 |
| Vanadium | **5.4** | 0.50 | 1 | 07/27/2018 16:09 |
| Zinc | ND | 15 | 1 | 07/27/2018 16:09 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 102 | 70-130 | 07/27/2018 16:09 |

Analyst(s): MIG

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | E200.8 |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | E200.8 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## CAM / CCR 17 Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9** | **1807D11-034E** | **Water** | **07/25/2018 09:50** | **ICP-MS2 066SMPL.D** | **162196** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Antimony | ND | 0.50 | 1 | 07/27/2018 15:32 |
| Arsenic | **1.0** | 0.50 | 1 | 07/27/2018 15:32 |
| Barium | **22** | 5.0 | 1 | 07/27/2018 15:32 |
| Beryllium | ND | 0.50 | 1 | 07/27/2018 15:32 |
| Cadmium | ND | 0.25 | 1 | 07/27/2018 15:32 |
| Chromium | ND | 0.50 | 1 | 07/27/2018 15:32 |
| Cobalt | **2.2** | 0.50 | 1 | 07/27/2018 15:32 |
| Copper | ND | 2.0 | 1 | 07/27/2018 15:32 |
| Lead | ND | 0.50 | 1 | 07/27/2018 15:32 |
| Mercury | ND | 0.050 | 1 | 07/27/2018 15:32 |
| Molybdenum | **45** | 0.50 | 1 | 07/27/2018 15:32 |
| Nickel | **6.5** | 0.50 | 1 | 07/27/2018 15:32 |
| Selenium | ND | 0.50 | 1 | 07/27/2018 15:32 |
| Silver | ND | 0.19 | 1 | 07/27/2018 15:32 |
| Thallium | ND | 0.50 | 1 | 07/27/2018 15:32 |
| Vanadium | **5.4** | 0.50 | 1 | 07/27/2018 15:32 |
| Zinc | ND | 15 | 1 | 07/27/2018 15:32 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 103 | 70-130 | 07/27/2018 15:32 |

Analyst(s): MIG

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B/3630C |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8015B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-1@1'-1.5'** | **1807D11-001A** | **Soil** | **07/25/2018 12:37** | **GC9a 07301824.D** | **162184** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH-Diesel (C10-C23) | **1.1** | 1.0 | 1 | 07/30/2018 16:01 |
| TPH-Motor Oil (C18-C36) | ND | 5.0 | 1 | 07/30/2018 16:01 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| C9 | 94 | 74-123 | 07/30/2018 16:01 |

Analyst(s): JIS  Analytical Comments: e1

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2@1'-1.5'** | **1807D11-004A** | **Soil** | **07/25/2018 13:17** | **GC9a 07291814.D** | **162184** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH-Diesel (C10-C23) | ND | 1.0 | 1 | 07/29/2018 19:58 |
| TPH-Motor Oil (C18-C36) | ND | 5.0 | 1 | 07/29/2018 19:58 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| C9 | 93 | 74-123 | 07/29/2018 19:58 |

Analyst(s): JIS

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3@1'-1.5'** | **1807D11-007A** | **Soil** | **07/25/2018 11:49** | **GC9b 07301819.D** | **162184** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH-Diesel (C10-C23) | **1.1** | 1.0 | 1 | 07/30/2018 14:44 |
| TPH-Motor Oil (C18-C36) | **5.5** | 5.0 | 1 | 07/30/2018 14:44 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| C9 | 92 | 74-123 | 07/30/2018 14:44 |

Analyst(s): JIS  Analytical Comments: e7,e2

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B/3630C |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8015B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-4@2'-2.5'** | **1807D11-011A** | **Soil** | **07/25/2018 13:27** | **GC9a 07291818.D** | **162184** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH-Diesel (C10-C23) | ND | 1.0 | 1 | 07/29/2018 21:15 |
| TPH-Motor Oil (C18-C36) | ND | 5.0 | 1 | 07/29/2018 21:15 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| C9 | 93 | 74-123 | 07/29/2018 21:15 |

Analyst(s): JIS

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-5@1'-1.5'** | **1807D11-014A** | **Soil** | **07/25/2018 09:19** | **GC9b 07301849.D** | **162184** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH-Diesel (C10-C23) | **1.2** | 1.0 | 1 | 07/31/2018 00:27 |
| TPH-Motor Oil (C18-C36) | ND | 5.0 | 1 | 07/31/2018 00:27 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| C9 | 99 | 74-123 | 07/31/2018 00:27 |

Analyst(s): JIS  Analytical Comments: e2

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-6@1'-1.5'** | **1807D11-017A** | **Soil** | **07/25/2018 09:05** | **GC6A 07291826.D** | **162184** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH-Diesel (C10-C23) | **1.3** | 1.0 | 1 | 07/29/2018 22:31 |
| TPH-Motor Oil (C18-C36) | ND | 5.0 | 1 | 07/29/2018 22:31 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| C9 | 95 | 74-123 | 07/29/2018 22:31 |

Analyst(s): JIS

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3550B/3630C |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8015B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/Kg |

## Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-7@1'-1.5'** | **1807D11-020A** | **Soil** | **07/25/2018 08:41** | **GC6A 07291830.D** | **162184** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH-Diesel (C10-C23) | ND | 1.0 | 1 | 07/29/2018 23:49 |
| TPH-Motor Oil (C18-C36) | ND | 5.0 | 1 | 07/29/2018 23:49 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| C9 | 95 | 74-123 | 07/29/2018 23:49 |

Analyst(s): JIS

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8@1'-1.5'** | **1807D11-023A** | **Soil** | **07/25/2018 07:50** | **GC6A 07291834.D** | **162184** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH-Diesel (C10-C23) | ND | 1.0 | 1 | 07/30/2018 01:07 |
| TPH-Motor Oil (C18-C36) | ND | 5.0 | 1 | 07/30/2018 01:07 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| C9 | 95 | 74-123 | 07/30/2018 01:07 |

Analyst(s): JIS

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9@1'-1.5'** | **1807D11-027A** | **Soil** | **07/25/2018 10:00** | **GC6A 07291844.D** | **162184** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH-Diesel (C10-C23) | ND | 1.0 | 1 | 07/30/2018 04:21 |
| TPH-Motor Oil (C18-C36) | ND | 5.0 | 1 | 07/30/2018 04:21 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| C9 | 95 | 74-123 | 07/30/2018 04:21 |

Analyst(s): JIS

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3510C/3630C |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8015B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Total Extractable Petroleum Hydrocarbons w/ Silica Gel Clean-Up

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2** | **1807D11-031A** | **Water** | **07/25/2018 12:55** | **GC11B 07291833.D** | **162192** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH-Diesel (C10-C23) | **190** | 100 | 2 | 07/30/2018 01:15 |
| TPH-Motor Oil (C18-C36) | **4100** | 500 | 2 | 07/30/2018 01:15 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| C9 | 91 | 61-139 | 07/30/2018 01:15 |

Analyst(s): JIS  Analytical Comments: e7,e2

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3** | **1807D11-032A** | **Water** | **07/25/2018 12:12** | **GC11B 07291817.D** | **162192** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH-Diesel (C10-C23) | ND | 50 | 1 | 07/29/2018 20:03 |
| TPH-Motor Oil (C18-C36) | ND | 250 | 1 | 07/29/2018 20:03 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| C9 | 101 | 61-139 | 07/29/2018 20:03 |

Analyst(s): JIS

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8** | **1807D11-033A** | **Water** | **07/25/2018 08:22** | **GC11B 07291809.D** | **162192** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH-Diesel (C10-C23) | ND | 50 | 1 | 07/29/2018 17:27 |
| TPH-Motor Oil (C18-C36) | ND | 250 | 1 | 07/29/2018 17:27 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| C9 | 99 | 61-139 | 07/29/2018 17:27 |

Analyst(s): JIS

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3510C/3630C |
| **Date Prepared:** | 7/26/18 | **Analytical Method:** | SW8015B |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | µg/L |

## Total Extractable Petroleum Hydrocarbons w/ Silica Gel Clean-Up

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9** | **1807D11-034A** | **Water** | **07/25/2018 09:50** | **GC11B 07291813.D** | **162192** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| TPH-Diesel (C10-C23) | ND | 50 | 1 | 07/29/2018 18:45 |
| TPH-Motor Oil (C18-C36) | ND | 250 | 1 | 07/29/2018 18:45 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| C9 | 100 | 61-139 | 07/29/2018 18:45 |

Analyst(s): JIS

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/27/18 - 7/28/18 | **BatchID:** | 162330 |
| **Date Analyzed:** | 7/27/18 - 7/28/18 | **Extraction Method:** | E218.6 |
| **Instrument:** | IC2 | **Analytical Method:** | E218.6 |
| **Matrix:** | Water | **Unit:** | µg/L |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162330<br>1807D11-034DMS/MSD |

## QC Summary Report for E218.6

| Analyte | MB Result | RL | | | |
|---|---|---|---|---|---|
| Hexavalent chromium | ND | 0.20 | - | - | - |

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Hexavalent chromium | 24.4 | 24.4 | 25 | 97 | 98 | 90-110 | 0.131 | 10 |

| Analyte | MS Result | MSD Result | SPK Val | SPKRef Val | MS %REC | MSD %REC | MS/MSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Hexavalent chromium | 25.2 | 25.0 | 25 | ND | 101 | 100 | 90-110 | 0.811 | 10 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/26/18 | **BatchID:** | 162250 |
| **Date Analyzed:** | 7/26/18 - 7/27/18 | **Extraction Method:** | SW3060A |
| **Instrument:** | IC2 | **Analytical Method:** | SW7199 |
| **Matrix:** | Soil | **Unit:** | mg/Kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162250 |

## QC Summary Report for SW7199 (Hexavalent chromium)

| Analyte | MB Result | MDL | RL | | | |
|---|---|---|---|---|---|---|
| Hexavalent chromium | ND | 0.10 | 0.20 | - | - | - |

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Hexavalent chromium | 18.5 | 17.9 | 20 | 93 | 89 | 70-130 | 3.61 | 10 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/25/18 | **BatchID:** | 162178 |
| **Date Analyzed:** | 7/26/18 - 7/27/18 | **Extraction Method:** | SW3550B |
| **Instrument:** | GC20 | **Analytical Method:** | SW8081A |
| **Matrix:** | Soil | **Unit:** | mg/kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162178 |

## QC Summary Report for SW8081A

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| Aldrin | ND | 0.0010 | - | - | - |
| a-BHC | ND | 0.0010 | - | - | - |
| b-BHC | ND | 0.0010 | - | - | - |
| d-BHC | ND | 0.0010 | - | - | - |
| g-BHC | ND | 0.0010 | - | - | - |
| Chlordane (Technical) | ND | 0.025 | - | - | - |
| a-Chlordane | ND | 0.0010 | - | - | - |
| g-Chlordane | ND | 0.0010 | - | - | - |
| p,p-DDD | ND | 0.0010 | - | - | - |
| p,p-DDE | ND | 0.0010 | - | - | - |
| p,p-DDT | ND | 0.0010 | - | - | - |
| Dieldrin | ND | 0.0010 | - | - | - |
| Endosulfan I | ND | 0.0010 | - | - | - |
| Endosulfan II | ND | 0.0010 | - | - | - |
| Endosulfan sulfate | ND | 0.0010 | - | - | - |
| Endrin | ND | 0.0010 | - | - | - |
| Endrin aldehyde | ND | 0.0010 | - | - | - |
| Endrin ketone | ND | 0.0010 | - | - | - |
| Heptachlor | ND | 0.0010 | - | - | - |
| Heptachlor epoxide | ND | 0.0010 | - | - | - |
| Hexachlorobenzene | ND | 0.010 | - | - | - |
| Hexachlorocyclopentadiene | ND | 0.020 | - | - | - |
| Methoxychlor | ND | 0.0010 | - | - | - |
| Toxaphene | ND | 0.050 | - | - | - |
| **Surrogate Recovery** | | | | | |
| Decachlorobiphenyl | 0.0560 | | 0.050 | 112 | 70-130 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/25/18 | **BatchID:** | 162178 |
| **Date Analyzed:** | 7/26/18 - 7/27/18 | **Extraction Method:** | SW3550B |
| **Instrument:** | GC20 | **Analytical Method:** | SW8081A |
| **Matrix:** | Soil | **Unit:** | mg/kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162178 |

## QC Summary Report for SW8081A

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Aldrin | 0.0631 | 0.0618 | 0.050 | 126 | 124 | 70-130 | 2.02 | 20 |
| a-BHC | 0.0645 | 0.0647 | 0.050 | 129 | 129 | 70-130 | 0 | 20 |
| b-BHC | 0.0648 | 0.0637 | 0.050 | 130 | 127 | 70-130 | 1.62 | 20 |
| d-BHC | 0.0677 | 0.0662 | 0.050 | 135, F2 | 132, F2 | 70-130 | 2.24 | 20 |
| g-BHC | 0.0633 | 0.0625 | 0.050 | 127 | 125 | 70-130 | 1.29 | 20 |
| a-Chlordane | 0.0586 | 0.0569 | 0.050 | 117 | 114 | 70-130 | 2.99 | 20 |
| g-Chlordane | 0.0598 | 0.0583 | 0.050 | 120 | 117 | 70-130 | 2.62 | 20 |
| p,p-DDD | 0.0576 | 0.0560 | 0.050 | 115 | 112 | 70-130 | 2.67 | 20 |
| p,p-DDE | 0.0643 | 0.0635 | 0.050 | 129 | 127 | 70-130 | 1.15 | 20 |
| p,p-DDT | 0.0526 | 0.0508 | 0.050 | 105 | 102 | 70-130 | 3.66 | 20 |
| Dieldrin | 0.0659 | 0.0647 | 0.050 | 132, F2 | 129 | 70-130 | 1.83 | 20 |
| Endosulfan I | 0.0594 | 0.0573 | 0.050 | 119 | 115 | 70-130 | 3.52 | 20 |
| Endosulfan II | 0.0550 | 0.0537 | 0.050 | 110 | 107 | 70-130 | 2.31 | 20 |
| Endosulfan sulfate | 0.0606 | 0.0586 | 0.050 | 121 | 117 | 70-130 | 3.41 | 20 |
| Endrin | 0.0635 | 0.0614 | 0.050 | 127 | 123 | 70-130 | 3.33 | 20 |
| Endrin aldehyde | 0.0554 | 0.0540 | 0.050 | 111 | 108 | 70-130 | 2.65 | 20 |
| Endrin ketone | 0.0546 | 0.0528 | 0.050 | 109 | 106 | 70-130 | 3.30 | 20 |
| Heptachlor | 0.0623 | 0.0608 | 0.050 | 125 | 122 | 70-130 | 2.43 | 20 |
| Heptachlor epoxide | 0.0583 | 0.0572 | 0.050 | 117 | 114 | 70-130 | 2.04 | 20 |
| Hexachlorobenzene | 0.0575 | 0.0567 | 0.050 | 115 | 113 | 50-150 | 1.38 | 20 |
| Hexachlorocyclopentadiene | 0.0554 | 0.0538 | 0.050 | 111 | 108 | 50-150 | 2.84 | 20 |
| Methoxychlor | 0.0571 | 0.0553 | 0.050 | 114 | 111 | 70-130 | 3.18 | 20 |
| **Surrogate Recovery** | | | | | | | | |
| Decachlorobiphenyl | 0.0568 | 0.0549 | 0.050 | 114 | 110 | 70-130 | 3.33 | 20 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/25/18 | **BatchID:** | 162188 |
| **Date Analyzed:** | 7/27/18 - 7/31/18 | **Extraction Method:** | SW5030B |
| **Instrument:** | GC16 | **Analytical Method:** | SW8260B |
| **Matrix:** | Soil | **Unit:** | mg/kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162188 |

## QC Summary Report for SW8260B

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| Acetone | ND | 0.10 | - | - | - |
| tert-Amyl methyl ether (TAME) | ND | 0.0050 | - | - | - |
| Benzene | ND | 0.0050 | - | - | - |
| Bromobenzene | ND | 0.0050 | - | - | - |
| Bromochloromethane | ND | 0.0050 | - | - | - |
| Bromodichloromethane | ND | 0.0050 | - | - | - |
| Bromoform | ND | 0.0050 | - | - | - |
| Bromomethane | ND | 0.0050 | - | - | - |
| 2-Butanone (MEK) | ND | 0.020 | - | - | - |
| t-Butyl alcohol (TBA) | ND | 0.050 | - | - | - |
| n-Butyl benzene | ND | 0.0050 | - | - | - |
| sec-Butyl benzene | ND | 0.0050 | - | - | - |
| tert-Butyl benzene | ND | 0.0050 | - | - | - |
| Carbon Disulfide | ND | 0.0050 | - | - | - |
| Carbon Tetrachloride | ND | 0.0050 | - | - | - |
| Chlorobenzene | ND | 0.0050 | - | - | - |
| Chloroethane | ND | 0.0050 | - | - | - |
| Chloroform | ND | 0.0050 | - | - | - |
| Chloromethane | ND | 0.0050 | - | - | - |
| 2-Chlorotoluene | ND | 0.0050 | - | - | - |
| 4-Chlorotoluene | ND | 0.0050 | - | - | - |
| Dibromochloromethane | ND | 0.0050 | - | - | - |
| 1,2-Dibromo-3-chloropropane | ND | 0.0040 | - | - | - |
| 1,2-Dibromoethane (EDB) | ND | 0.0040 | - | - | - |
| Dibromomethane | ND | 0.0050 | - | - | - |
| 1,2-Dichlorobenzene | ND | 0.0050 | - | - | - |
| 1,3-Dichlorobenzene | ND | 0.0050 | - | - | - |
| 1,4-Dichlorobenzene | ND | 0.0050 | - | - | - |
| Dichlorodifluoromethane | ND | 0.0050 | - | - | - |
| 1,1-Dichloroethane | ND | 0.0050 | - | - | - |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.0040 | - | - | - |
| 1,1-Dichloroethene | ND | 0.0050 | - | - | - |
| cis-1,2-Dichloroethene | ND | 0.0050 | - | - | - |
| trans-1,2-Dichloroethene | ND | 0.0050 | - | - | - |
| 1,2-Dichloropropane | ND | 0.0050 | - | - | - |
| 1,3-Dichloropropane | ND | 0.0050 | - | - | - |
| 2,2-Dichloropropane | ND | 0.0050 | - | - | - |
| 1,1-Dichloropropene | ND | 0.0050 | - | - | - |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/25/18 | **BatchID:** | 162188 |
| **Date Analyzed:** | 7/27/18 - 7/31/18 | **Extraction Method:** | SW5030B |
| **Instrument:** | GC16 | **Analytical Method:** | SW8260B |
| **Matrix:** | Soil | **Unit:** | mg/kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162188 |

## QC Summary Report for SW8260B

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| cis-1,3-Dichloropropene | ND | 0.0050 | - | - | - |
| trans-1,3-Dichloropropene | ND | 0.0050 | - | - | - |
| Diisopropyl ether (DIPE) | ND | 0.0050 | - | - | - |
| Ethylbenzene | ND | 0.0050 | - | - | - |
| Ethyl tert-butyl ether (ETBE) | ND | 0.0050 | - | - | - |
| Freon 113 | ND | 0.0050 | - | - | - |
| Hexachlorobutadiene | ND | 0.0050 | - | - | - |
| Hexachloroethane | ND | 0.0050 | - | - | - |
| 2-Hexanone | ND | 0.0050 | - | - | - |
| Isopropylbenzene | ND | 0.0050 | - | - | - |
| 4-Isopropyl toluene | ND | 0.0050 | - | - | - |
| Methyl-t-butyl ether (MTBE) | ND | 0.0050 | - | - | - |
| Methylene chloride | ND | 0.0050 | - | - | - |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.0050 | - | - | - |
| Naphthalene | ND | 0.0050 | - | - | - |
| n-Propyl benzene | ND | 0.0050 | - | - | - |
| Styrene | ND | 0.0050 | - | - | - |
| 1,1,1,2-Tetrachloroethane | ND | 0.0050 | - | - | - |
| 1,1,2,2-Tetrachloroethane | ND | 0.0050 | - | - | - |
| Tetrachloroethene | ND | 0.0050 | - | - | - |
| Toluene | ND | 0.0050 | - | - | - |
| 1,2,3-Trichlorobenzene | ND | 0.0050 | - | - | - |
| 1,2,4-Trichlorobenzene | ND | 0.0050 | - | - | - |
| 1,1,1-Trichloroethane | ND | 0.0050 | - | - | - |
| 1,1,2-Trichloroethane | ND | 0.0050 | - | - | - |
| Trichloroethene | ND | 0.0050 | - | - | - |
| Trichlorofluoromethane | ND | 0.0050 | - | - | - |
| 1,2,3-Trichloropropane | ND | 0.0050 | - | - | - |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | - | - | - |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | - | - | - |
| Vinyl Chloride | ND | 0.0050 | - | - | - |
| Xylenes, Total | ND | 0.0050 | - | - | - |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/25/18 | **BatchID:** | 162188 |
| **Date Analyzed:** | 7/27/18 - 7/31/18 | **Extraction Method:** | SW5030B |
| **Instrument:** | GC16 | **Analytical Method:** | SW8260B |
| **Matrix:** | Soil | **Unit:** | mg/kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162188 |

## QC Summary Report for SW8260B

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| **Surrogate Recovery** | | | | | |
| Dibromofluoromethane | 0.134 | | 0.12 | 107 | 87-127 |
| Toluene-d8 | 0.137 | | 0.12 | 110 | 93-141 |
| 4-BFB | 0.0122 | | 0.012 | 97 | 84-137 |
| Benzene-d6 | 0.0930 | | 0.10 | 93 | 67-131 |
| Ethylbenzene-d10 | 0.104 | | 0.10 | 104 | 78-153 |
| 1,2-DCB-d4 | 0.0906 | | 0.10 | 91 | 63-109 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/25/18 | **BatchID:** | 162188 |
| **Date Analyzed:** | 7/27/18 - 7/31/18 | **Extraction Method:** | SW5030B |
| **Instrument:** | GC16 | **Analytical Method:** | SW8260B |
| **Matrix:** | Soil | **Unit:** | mg/kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162188 |

## QC Summary Report for SW8260B

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Acetone | 0.970 | 0.910 | 1 | 97 | 91 | 48-156 | 6.48 | 20 |
| tert-Amyl methyl ether (TAME) | 0.0429 | 0.0408 | 0.050 | 86 | 82 | 56-115 | 4.85 | 20 |
| Benzene | 0.0444 | 0.0438 | 0.050 | 89 | 88 | 63-131 | 1.29 | 20 |
| Bromobenzene | 0.0482 | 0.0417 | 0.050 | 96 | 83 | 66-127 | 14.5 | 20 |
| Bromochloromethane | 0.0444 | 0.0430 | 0.050 | 89 | 86 | 64-124 | 3.07 | 20 |
| Bromodichloromethane | 0.0428 | 0.0422 | 0.050 | 86 | 84 | 64-120 | 1.31 | 20 |
| Bromoform | 0.0373 | 0.0362 | 0.050 | 75 | 72 | 48-92 | 2.87 | 20 |
| Bromomethane | 0.0540 | 0.0478 | 0.050 | 108 | 96 | 25-163 | 12.2 | 20 |
| 2-Butanone (MEK) | 0.185 | 0.176 | 0.20 | 92 | 88 | 51-133 | 4.73 | 20 |
| t-Butyl alcohol (TBA) | 0.179 | 0.165 | 0.20 | 90 | 82 | 52-129 | 8.16 | 20 |
| n-Butyl benzene | 0.0573 | 0.0569 | 0.050 | 115 | 114 | 83-200 | 0.726 | 20 |
| sec-Butyl benzene | 0.0628 | 0.0616 | 0.050 | 126 | 123 | 81-199 | 1.95 | 20 |
| tert-Butyl benzene | 0.0616 | 0.0488 | 0.050 | 123 | 98 | 79-178 | 23.3,F2 | 20 |
| Carbon Disulfide | 0.0448 | 0.0449 | 0.050 | 90 | 90 | 64-136 | 0 | 20 |
| Carbon Tetrachloride | 0.0455 | 0.0448 | 0.050 | 91 | 90 | 66-140 | 1.56 | 20 |
| Chlorobenzene | 0.0484 | 0.0459 | 0.050 | 97 | 92 | 73-116 | 5.11 | 20 |
| Chloroethane | 0.0357 | 0.0334 | 0.050 | 71 | 67 | 35-147 | 6.66 | 20 |
| Chloroform | 0.0456 | 0.0452 | 0.050 | 91 | 90 | 65-130 | 0.859 | 20 |
| Chloromethane | 0.0368 | 0.0325 | 0.050 | 73 | 65 | 30-137 | 12.3 | 20 |
| 2-Chlorotoluene | 0.0529 | 0.0476 | 0.050 | 106 | 95 | 75-152 | 10.5 | 20 |
| 4-Chlorotoluene | 0.0523 | 0.0489 | 0.050 | 105 | 98 | 71-148 | 6.75 | 20 |
| Dibromochloromethane | 0.0414 | 0.0401 | 0.050 | 83 | 80 | 61-106 | 3.27 | 20 |
| 1,2-Dibromo-3-chloropropane | 0.0129 | 0.00994 | 0.020 | 65 | 50 | 36-120 | 26.1,F2 | 20 |
| 1,2-Dibromoethane (EDB) | 0.0429 | 0.0414 | 0.050 | 86 | 83 | 67-118 | 3.62 | 20 |
| Dibromomethane | 0.0435 | 0.0427 | 0.050 | 87 | 85 | 61-116 | 1.91 | 20 |
| 1,2-Dichlorobenzene | 0.0403 | 0.0382 | 0.050 | 81 | 77 | 59-106 | 5.11 | 20 |
| 1,3-Dichlorobenzene | 0.0485 | 0.0462 | 0.050 | 97 | 92 | 75-129 | 4.76 | 20 |
| 1,4-Dichlorobenzene | 0.0453 | 0.0442 | 0.050 | 91 | 88 | 66-127 | 2.55 | 20 |
| Dichlorodifluoromethane | 0.0197 | 0.0191 | 0.050 | 39 | 38 | 13-74 | 3.21 | 20 |
| 1,1-Dichloroethane | 0.0460 | 0.0450 | 0.050 | 92 | 90 | 65-134 | 2.22 | 20 |
| 1,2-Dichloroethane (1,2-DCA) | 0.0462 | 0.0444 | 0.050 | 92 | 89 | 57-131 | 3.96 | 20 |
| 1,1-Dichloroethene | 0.0439 | 0.0438 | 0.050 | 88 | 88 | 62-127 | 0 | 20 |
| cis-1,2-Dichloroethene | 0.0454 | 0.0440 | 0.050 | 91 | 88 | 66-130 | 3.13 | 20 |
| trans-1,2-Dichloroethene | 0.0444 | 0.0445 | 0.050 | 89 | 89 | 60-131 | 0 | 20 |
| 1,2-Dichloropropane | 0.0444 | 0.0438 | 0.050 | 89 | 88 | 63-127 | 1.31 | 20 |
| 1,3-Dichloropropane | 0.0441 | 0.0426 | 0.050 | 88 | 85 | 68-124 | 3.48 | 20 |
| 2,2-Dichloropropane | 0.0446 | 0.0434 | 0.050 | 89 | 87 | 63-150 | 2.79 | 20 |
| 1,1-Dichloropropene | 0.0459 | 0.0453 | 0.050 | 92 | 91 | 67-134 | 1.19 | 20 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/25/18 | **BatchID:** | 162188 |
| **Date Analyzed:** | 7/27/18 - 7/31/18 | **Extraction Method:** | SW5030B |
| **Instrument:** | GC16 | **Analytical Method:** | SW8260B |
| **Matrix:** | Soil | **Unit:** | mg/kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162188 |

## QC Summary Report for SW8260B

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| cis-1,3-Dichloropropene | 0.0471 | 0.0452 | 0.050 | 94 | 90 | 65-138 | 4.05 | 20 |
| trans-1,3-Dichloropropene | 0.0460 | 0.0435 | 0.050 | 92 | 87 | 66-124 | 5.73 | 20 |
| Diisopropyl ether (DIPE) | 0.0428 | 0.0407 | 0.050 | 86 | 81 | 58-129 | 5.16 | 20 |
| Ethylbenzene | 0.0555 | 0.0487 | 0.050 | 111 | 97 | 73-145 | 12.9 | 20 |
| Ethyl tert-butyl ether (ETBE) | 0.0428 | 0.0409 | 0.050 | 86 | 82 | 62-125 | 4.52 | 20 |
| Freon 113 | 0.0403 | 0.0402 | 0.050 | 81 | 80 | 55-116 | 0.298 | 20 |
| Hexachlorobutadiene | 0.0597 | 0.0560 | 0.050 | 119 | 112 | 75-178 | 6.49 | 20 |
| Hexachloroethane | 0.0533 | 0.0467 | 0.050 | 107 | 93 | 75-152 | 13.3 | 20 |
| 2-Hexanone | 0.0370 | 0.0342 | 0.050 | 74 | 68 | 41-113 | 8.01 | 20 |
| Isopropylbenzene | 0.0611 | 0.0499 | 0.050 | 122 | 100 | 67-172 | 20.3,F2 | 20 |
| 4-Isopropyl toluene | 0.0588 | 0.0608 | 0.050 | 118 | 122 | 88-171 | 3.36 | 20 |
| Methyl-t-butyl ether (MTBE) | 0.0445 | 0.0425 | 0.050 | 89 | 85 | 58-122 | 4.57 | 20 |
| Methylene chloride | 0.0456 | 0.0450 | 0.050 | 91 | 90 | 57-140 | 1.15 | 20 |
| 4-Methyl-2-pentanone (MIBK) | 0.0384 | 0.0348 | 0.050 | 77 | 70 | 42-117 | 9.75 | 20 |
| Naphthalene | 0.0248 | 0.0225 | 0.050 | 50 | 45 | 29-65 | 9.76 | 20 |
| n-Propyl benzene | 0.0545 | 0.0491 | 0.050 | 109 | 98 | 85-174 | 10.5 | 20 |
| Styrene | 0.0510 | 0.0418 | 0.050 | 102 | 84 | 63-126 | 19.8 | 20 |
| 1,1,1,2-Tetrachloroethane | 0.0444 | 0.0426 | 0.050 | 89 | 85 | 68-131 | 4.24 | 20 |
| 1,1,2,2-Tetrachloroethane | 0.0392 | 0.0416 | 0.050 | 78 | 83 | 45-121 | 6.06 | 20 |
| Tetrachloroethene | 0.0486 | 0.0465 | 0.050 | 97 | 93 | 65-150 | 4.54 | 20 |
| Toluene | 0.0461 | 0.0444 | 0.050 | 92 | 89 | 72-135 | 3.74 | 20 |
| 1,2,3-Trichlorobenzene | 0.0312 | 0.0292 | 0.050 | 62 | 58 | 35-80 | 6.82 | 20 |
| 1,2,4-Trichlorobenzene | 0.0386 | 0.0368 | 0.050 | 77 | 74 | 45-103 | 4.66 | 20 |
| 1,1,1-Trichloroethane | 0.0450 | 0.0444 | 0.050 | 90 | 89 | 67-137 | 1.42 | 20 |
| 1,1,2-Trichloroethane | 0.0407 | 0.0397 | 0.050 | 81 | 79 | 67-117 | 2.29 | 20 |
| Trichloroethene | 0.0451 | 0.0455 | 0.050 | 90 | 91 | 62-135 | 0.797 | 20 |
| Trichlorofluoromethane | 0.0412 | 0.0408 | 0.050 | 82 | 82 | 56-124 | 0 | 20 |
| 1,2,3-Trichloropropane | 0.0421 | 0.0437 | 0.050 | 84 | 87 | 58-133 | 3.69 | 20 |
| 1,2,4-Trimethylbenzene | 0.0518 | 0.0531 | 0.050 | 104 | 106 | 78-161 | 2.59 | 20 |
| 1,3,5-Trimethylbenzene | 0.0545 | 0.0555 | 0.050 | 109 | 111 | 85-170 | 1.75 | 20 |
| Vinyl Chloride | 0.0318 | 0.0278 | 0.050 | 64 | 56 | 32-142 | 13.2 | 20 |
| Xylenes, Total | 0.157 | 0.134 | 0.15 | 105 | 89 | 70-137 | 16.1 | 20 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/25/18 | **BatchID:** | 162188 |
| **Date Analyzed:** | 7/27/18 - 7/31/18 | **Extraction Method:** | SW5030B |
| **Instrument:** | GC16 | **Analytical Method:** | SW8260B |
| **Matrix:** | Soil | **Unit:** | mg/kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162188 |

## QC Summary Report for SW8260B

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| **Surrogate Recovery** | | | | | | | | |
| Dibromofluoromethane | 0.137 | 0.137 | 0.12 | 110 | 109 | 87-127 | 0.190 | 20 |
| Toluene-d8 | 0.137 | 0.136 | 0.12 | 110 | 109 | 93-141 | 0.514 | 20 |
| 4-BFB | 0.0146 | 0.0131 | 0.012 | 117 | 105 | 84-137 | 10.4 | 20 |
| Benzene-d6 | 0.0981 | 0.0961 | 0.10 | 98 | 96 | 67-131 | 2.08 | 20 |
| Ethylbenzene-d10 | 0.123 | 0.110 | 0.10 | 123 | 110 | 78-153 | 11.2 | 20 |
| 1,2-DCB-d4 | 0.0978 | 0.0920 | 0.10 | 98 | 92 | 63-109 | 6.13 | 20 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/29/18 | **BatchID:** | 162339 |
| **Date Analyzed:** | 7/29/18 | **Extraction Method:** | SW5030B |
| **Instrument:** | GC10 | **Analytical Method:** | SW8260B |
| **Matrix:** | Water | **Unit:** | µg/L |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162339 |

## QC Summary Report for SW8260B

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| Acetone | ND | 10 | - | - | - |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | - | - | - |
| Benzene | ND | 0.50 | - | - | - |
| Bromobenzene | ND | 0.50 | - | - | - |
| Bromochloromethane | ND | 0.50 | - | - | - |
| Bromodichloromethane | ND | 0.50 | - | - | - |
| Bromoform | ND | 0.50 | - | - | - |
| Bromomethane | ND | 0.50 | - | - | - |
| 2-Butanone (MEK) | ND | 2.0 | - | - | - |
| t-Butyl alcohol (TBA) | ND | 2.0 | - | - | - |
| n-Butyl benzene | ND | 0.50 | - | - | - |
| sec-Butyl benzene | ND | 0.50 | - | - | - |
| tert-Butyl benzene | ND | 0.50 | - | - | - |
| Carbon Disulfide | ND | 0.50 | - | - | - |
| Carbon Tetrachloride | ND | 0.50 | - | - | - |
| Chlorobenzene | ND | 0.50 | - | - | - |
| Chloroethane | ND | 0.50 | - | - | - |
| Chloroform | ND | 0.50 | - | - | - |
| Chloromethane | ND | 0.50 | - | - | - |
| 2-Chlorotoluene | ND | 0.50 | - | - | - |
| 4-Chlorotoluene | ND | 0.50 | - | - | - |
| Dibromochloromethane | ND | 0.50 | - | - | - |
| 1,2-Dibromo-3-chloropropane | ND | 0.20 | - | - | - |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | - | - | - |
| Dibromomethane | ND | 0.50 | - | - | - |
| 1,2-Dichlorobenzene | ND | 0.50 | - | - | - |
| 1,3-Dichlorobenzene | ND | 0.50 | - | - | - |
| 1,4-Dichlorobenzene | ND | 0.50 | - | - | - |
| Dichlorodifluoromethane | ND | 0.50 | - | - | - |
| 1,1-Dichloroethane | ND | 0.50 | - | - | - |
| 1,2-Dichloroethane (1,2-DCA) | ND | 0.50 | - | - | - |
| 1,1-Dichloroethene | ND | 0.50 | - | - | - |
| cis-1,2-Dichloroethene | ND | 0.50 | - | - | - |
| trans-1,2-Dichloroethene | ND | 0.50 | - | - | - |
| 1,2-Dichloropropane | ND | 0.50 | - | - | - |
| 1,3-Dichloropropane | ND | 0.50 | - | - | - |
| 2,2-Dichloropropane | ND | 0.50 | - | - | - |
| 1,1-Dichloropropene | ND | 0.50 | - | - | - |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/29/18 | **BatchID:** | 162339 |
| **Date Analyzed:** | 7/29/18 | **Extraction Method:** | SW5030B |
| **Instrument:** | GC10 | **Analytical Method:** | SW8260B |
| **Matrix:** | Water | **Unit:** | µg/L |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162339 |

## QC Summary Report for SW8260B

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| cis-1,3-Dichloropropene | ND | 0.50 | - | - | - |
| trans-1,3-Dichloropropene | ND | 0.50 | - | - | - |
| Diisopropyl ether (DIPE) | ND | 0.50 | - | - | - |
| Ethylbenzene | ND | 0.50 | - | - | - |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | - | - | - |
| Freon 113 | ND | 0.50 | - | - | - |
| Hexachlorobutadiene | ND | 0.50 | - | - | - |
| Hexachloroethane | ND | 0.50 | - | - | - |
| 2-Hexanone | ND | 0.50 | - | - | - |
| Isopropylbenzene | ND | 0.50 | - | - | - |
| 4-Isopropyl toluene | ND | 0.50 | - | - | - |
| Methyl-t-butyl ether (MTBE) | ND | 0.50 | - | - | - |
| Methylene chloride | ND | 0.50 | - | - | - |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.50 | - | - | - |
| Naphthalene | ND | 0.50 | - | - | - |
| n-Propyl benzene | ND | 0.50 | - | - | - |
| Styrene | ND | 0.50 | - | - | - |
| 1,1,1,2-Tetrachloroethane | ND | 0.50 | - | - | - |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | - | - | - |
| Tetrachloroethene | ND | 0.50 | - | - | - |
| Toluene | ND | 0.50 | - | - | - |
| 1,2,3-Trichlorobenzene | ND | 0.50 | - | - | - |
| 1,2,4-Trichlorobenzene | ND | 0.50 | - | - | - |
| 1,1,1-Trichloroethane | ND | 0.50 | - | - | - |
| 1,1,2-Trichloroethane | ND | 0.50 | - | - | - |
| Trichloroethene | ND | 0.50 | - | - | - |
| Trichlorofluoromethane | ND | 0.50 | - | - | - |
| 1,2,3-Trichloropropane | ND | 0.50 | - | - | - |
| 1,2,4-Trimethylbenzene | ND | 0.50 | - | - | - |
| 1,3,5-Trimethylbenzene | ND | 0.50 | - | - | - |
| Vinyl Chloride | ND | 0.50 | - | - | - |
| Xylenes, Total | ND | 0.50 | - | - | - |
| **Surrogate Recovery** | | | | | |
| Dibromofluoromethane | 24.9 | | 25 | 100 | 91-133 |
| Toluene-d8 | 31.5 | | 25 | 126 | 87-127 |
| 4-BFB | 2.16 | | 2.5 | 86 | 66-140 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/29/18 | **BatchID:** | 162339 |
| **Date Analyzed:** | 7/29/18 | **Extraction Method:** | SW5030B |
| **Instrument:** | GC10 | **Analytical Method:** | SW8260B |
| **Matrix:** | Water | **Unit:** | µg/L |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162339 |

## QC Summary Report for SW8260B

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Acetone | 162 | 164 | 200 | 81 | 82 | 47-122 | 1.88 | 20 |
| tert-Amyl methyl ether (TAME) | 8.40 | 8.32 | 10 | 84 | 83 | 62-121 | 0.958 | 20 |
| Benzene | 9.41 | 9.21 | 10 | 94 | 92 | 74-121 | 2.14 | 20 |
| Bromobenzene | 9.38 | 9.23 | 10 | 94 | 92 | 63-127 | 1.63 | 20 |
| Bromochloromethane | 9.48 | 9.35 | 10 | 95 | 93 | 70-126 | 1.40 | 20 |
| Bromodichloromethane | 8.68 | 8.57 | 10 | 87 | 86 | 66-127 | 1.26 | 20 |
| Bromoform | 8.84 | 8.75 | 10 | 88 | 87 | 60-119 | 1.09 | 20 |
| Bromomethane | 7.62 | 7.99 | 10 | 76 | 80 | 32-155 | 4.71 | 20 |
| 2-Butanone (MEK) | 31.8 | 32.4 | 40 | 79 | 81 | 51-117 | 1.92 | 20 |
| t-Butyl alcohol (TBA) | 28.8 | 29.2 | 40 | 72 | 73 | 41-122 | 1.12 | 20 |
| n-Butyl benzene | 8.60 | 8.29 | 10 | 86 | 83 | 73-137 | 3.69 | 20 |
| sec-Butyl benzene | 10.2 | 10.2 | 10 | 102 | 102 | 71-137 | 0 | 20 |
| tert-Butyl benzene | 10.0 | 9.18 | 10 | 100 | 92 | 61-136 | 8.53 | 20 |
| Carbon Disulfide | 9.58 | 9.19 | 10 | 96 | 92 | 61-139 | 4.11 | 20 |
| Carbon Tetrachloride | 9.75 | 9.41 | 10 | 98 | 94 | 69-137 | 3.52 | 20 |
| Chlorobenzene | 9.40 | 9.10 | 10 | 94 | 91 | 71-122 | 3.29 | 20 |
| Chloroethane | 10.4 | 10.4 | 10 | 104 | 104 | 54-132 | 0 | 20 |
| Chloroform | 9.28 | 9.15 | 10 | 93 | 91 | 73-122 | 1.44 | 20 |
| Chloromethane | 8.64 | 8.09 | 10 | 86 | 81 | 48-136 | 6.60 | 20 |
| 2-Chlorotoluene | 9.91 | 9.68 | 10 | 99 | 97 | 65-134 | 2.32 | 20 |
| 4-Chlorotoluene | 9.88 | 9.48 | 10 | 99 | 95 | 65-130 | 4.17 | 20 |
| Dibromochloromethane | 8.58 | 8.43 | 10 | 86 | 84 | 65-121 | 1.84 | 20 |
| 1,2-Dibromo-3-chloropropane | 2.66 | 2.58 | 4 | 66 | 65 | 41-132 | 2.83 | 20 |
| 1,2-Dibromoethane (EDB) | 8.55 | 8.36 | 10 | 85 | 84 | 67-125 | 2.19 | 20 |
| Dibromomethane | 8.44 | 8.30 | 10 | 84 | 83 | 68-121 | 1.72 | 20 |
| 1,2-Dichlorobenzene | 10.0 | 9.69 | 10 | 100 | 97 | 69-128 | 3.40 | 20 |
| 1,3-Dichlorobenzene | 9.74 | 9.60 | 10 | 97 | 96 | 71-131 | 1.48 | 20 |
| 1,4-Dichlorobenzene | 9.21 | 8.93 | 10 | 92 | 89 | 70-128 | 3.09 | 20 |
| Dichlorodifluoromethane | 9.76 | 9.37 | 10 | 98 | 94 | 21-158 | 4.06 | 20 |
| 1,1-Dichloroethane | 9.68 | 9.59 | 10 | 97 | 96 | 73-123 | 0.909 | 20 |
| 1,2-Dichloroethane (1,2-DCA) | 8.91 | 8.80 | 10 | 89 | 88 | 61-127 | 1.23 | 20 |
| 1,1-Dichloroethene | 9.89 | 9.58 | 10 | 99 | 96 | 68-130 | 3.24 | 20 |
| cis-1,2-Dichloroethene | 9.49 | 9.27 | 10 | 95 | 93 | 72-123 | 2.36 | 20 |
| trans-1,2-Dichloroethene | 9.85 | 9.61 | 10 | 99 | 96 | 64-138 | 2.46 | 20 |
| 1,2-Dichloropropane | 9.22 | 9.01 | 10 | 92 | 90 | 71-121 | 2.26 | 20 |
| 1,3-Dichloropropane | 8.76 | 8.47 | 10 | 88 | 85 | 69-120 | 3.29 | 20 |
| 2,2-Dichloropropane | 8.90 | 8.67 | 10 | 89 | 87 | 64-142 | 2.59 | 20 |
| 1,1-Dichloropropene | 9.32 | 9.04 | 10 | 93 | 90 | 70-130 | 3.07 | 20 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/29/18 | **BatchID:** | 162339 |
| **Date Analyzed:** | 7/29/18 | **Extraction Method:** | SW5030B |
| **Instrument:** | GC10 | **Analytical Method:** | SW8260B |
| **Matrix:** | Water | **Unit:** | µg/L |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162339 |

## QC Summary Report for SW8260B

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| cis-1,3-Dichloropropene | 8.78 | 8.45 | 10 | 88 | 85 | 58-136 | 3.80 | 20 |
| trans-1,3-Dichloropropene | 8.88 | 8.72 | 10 | 89 | 87 | 66-119 | 1.87 | 20 |
| Diisopropyl ether (DIPE) | 9.28 | 9.26 | 10 | 93 | 93 | 66-123 | 0 | 20 |
| Ethylbenzene | 9.33 | 8.99 | 10 | 93 | 90 | 71-125 | 3.79 | 20 |
| Ethyl tert-butyl ether (ETBE) | 8.97 | 8.92 | 10 | 90 | 89 | 67-122 | 0.614 | 20 |
| Freon 113 | 10.5 | 10.2 | 10 | 105 | 102 | 68-132 | 3.48 | 20 |
| Hexachlorobutadiene | 9.78 | 9.58 | 10 | 98 | 96 | 56-155 | 2.06 | 20 |
| Hexachloroethane | 11.7 | 11.2 | 10 | 117 | 113 | 61-129 | 3.59 | 20 |
| 2-Hexanone | 7.06 | 7.04 | 10 | 71 | 70 | 51-115 | 0.329 | 20 |
| Isopropylbenzene | 9.87 | 9.54 | 10 | 99 | 95 | 66-134 | 3.42 | 20 |
| 4-Isopropyl toluene | 11.1 | 10.5 | 10 | 111 | 105 | 70-136 | 5.60 | 20 |
| Methyl-t-butyl ether (MTBE) | 8.62 | 8.62 | 10 | 86 | 86 | 64-118 | 0 | 20 |
| Methylene chloride | 9.05 | 9.00 | 10 | 90 | 90 | 62-121 | 0 | 20 |
| 4-Methyl-2-pentanone (MIBK) | 7.55 | 7.58 | 10 | 75 | 76 | 51-115 | 0.420 | 20 |
| Naphthalene | 7.72 | 7.64 | 10 | 77 | 76 | 55-137 | 1.03 | 20 |
| n-Propyl benzene | 9.84 | 9.54 | 10 | 98 | 95 | 63-140 | 3.14 | 20 |
| Styrene | 9.52 | 9.20 | 10 | 95 | 92 | 62-133 | 3.38 | 20 |
| 1,1,1,2-Tetrachloroethane | 9.37 | 9.07 | 10 | 94 | 91 | 69-128 | 3.29 | 20 |
| 1,1,2,2-Tetrachloroethane | 7.81 | 7.73 | 10 | 78 | 77 | 60-118 | 1.02 | 20 |
| Tetrachloroethene | 9.18 | 8.72 | 10 | 92 | 87 | 63-136 | 5.04 | 20 |
| Toluene | 9.52 | 9.18 | 10 | 95 | 92 | 67-124 | 3.60 | 20 |
| 1,2,3-Trichlorobenzene | 8.68 | 8.51 | 10 | 87 | 85 | 57-145 | 2.01 | 20 |
| 1,2,4-Trichlorobenzene | 8.99 | 8.75 | 10 | 90 | 88 | 60-144 | 2.71 | 20 |
| 1,1,1-Trichloroethane | 9.48 | 9.25 | 10 | 95 | 93 | 70-133 | 2.40 | 20 |
| 1,1,2-Trichloroethane | 8.43 | 8.27 | 10 | 84 | 83 | 65-125 | 1.89 | 20 |
| Trichloroethene | 9.52 | 9.25 | 10 | 95 | 93 | 67-133 | 2.90 | 20 |
| Trichlorofluoromethane | 9.96 | 9.56 | 10 | 100 | 96 | 59-145 | 4.10 | 20 |
| 1,2,3-Trichloropropane | 8.44 | 8.36 | 10 | 84 | 84 | 65-115 | 0 | 20 |
| 1,2,4-Trimethylbenzene | 9.52 | 9.50 | 10 | 95 | 95 | 67-136 | 0 | 20 |
| 1,3,5-Trimethylbenzene | 9.56 | 9.48 | 10 | 96 | 95 | 68-135 | 0.900 | 20 |
| Vinyl Chloride | 9.76 | 8.99 | 10 | 98 | 90 | 53-146 | 8.25 | 20 |
| Xylenes, Total | 29.0 | 28.0 | 30 | 97 | 93 | 68-128 | 3.54 | 20 |
| **Surrogate Recovery** | | | | | | | | |
| Dibromofluoromethane | 26.8 | 26.8 | 25 | 107 | 107 | 91-133 | 0 | 20 |
| Toluene-d8 | 31.1 | 30.9 | 25 | 124 | 123 | 87-127 | 0.782 | 20 |
| 4-BFB | 2.53 | 2.51 | 2.5 | 101 | 100 | 66-140 | 0.848 | 20 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 8/6/18 | **BatchID:** | 162758 |
| **Date Analyzed:** | 8/7/18 - 8/8/18 | **Extraction Method:** | SW5030B |
| **Instrument:** | GC10 | **Analytical Method:** | SW8260B |
| **Matrix:** | Soil | **Unit:** | mg/kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162758 |

## QC Summary Report for SW8260B

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 0.25 | - | - | - |
| **Surrogate Recovery** | | | | | |
| Dibromofluoromethane | 0.141 | | 0.12 | 113 | 70-130 |
| Benzene-D6 | 0.0965 | | 0.10 | 97 | 70-130 |

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| TPH(g) (C6-C12) | 0.956 | 0.960 | 1 | 96 | 96 | 67-117 | 0 | 20 |
| **Surrogate Recovery** | | | | | | | | |
| Dibromofluoromethane | 0.138 | 0.136 | 0.12 | 111 | 109 | 87-127 | 1.51 | 20 |
| Benzene-D6 | 0.102 | 0.102 | 0.10 | 102 | 102 | 67-131 | 0 | 20 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/29/18 | **BatchID:** | 162339 |
| **Date Analyzed:** | 7/29/18 | **Extraction Method:** | SW5030B |
| **Instrument:** | GC10 | **Analytical Method:** | SW8260B |
| **Matrix:** | Water | **Unit:** | µg/L |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162339 |

## QC Summary Report for SW8260B

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| TPH(g) (C6-C12) | ND | 50 | - | - | - |
| **Surrogate Recovery** | | | | | |
| Dibromofluoromethane | 27.7 | | 25 | 111 | 70-130 |

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| TPH(g) (C6-C12) | 191 | 205 | 200 | 96 | 103 | 70-130 | 7.01 | 20 |
| **Surrogate Recovery** | | | | | | | | |
| Dibromofluoromethane | 28.6 | 29.0 | 25 | 114 | 116 | 91-133 | 1.18 | 20 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/27/18 | **BatchID:** | 162305 |
| **Date Analyzed:** | 7/30/18 | **Extraction Method:** | SW3550B |
| **Instrument:** | GC35 | **Analytical Method:** | SW8270C-SIM |
| **Matrix:** | Soil | **Unit:** | mg/kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162305 |

## QC Summary Report for SW8270C

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| Acenaphthene | ND | 0.010 | - | - | - |
| Acenaphthylene | ND | 0.010 | - | - | - |
| Anthracene | ND | 0.010 | - | - | - |
| Benzo (a) anthracene | ND | 0.010 | - | - | - |
| Benzo (a) pyrene | ND | 0.010 | - | - | - |
| Benzo (b) fluoranthene | ND | 0.010 | - | - | - |
| Benzo (g,h,i) perylene | ND | 0.010 | - | - | - |
| Benzo (k) fluoranthene | ND | 0.010 | - | - | - |
| Chrysene | ND | 0.010 | - | - | - |
| Dibenzo (a,h) anthracene | ND | 0.010 | - | - | - |
| Fluoranthene | ND | 0.010 | - | - | - |
| Fluorene | ND | 0.010 | - | - | - |
| Indeno (1,2,3-cd) pyrene | ND | 0.010 | - | - | - |
| 1-Methylnaphthalene | ND | 0.010 | - | - | - |
| 2-Methylnaphthalene | ND | 0.010 | - | - | - |
| Naphthalene | ND | 0.010 | - | - | - |
| Phenanthrene | ND | 0.010 | - | - | - |
| Pyrene | ND | 0.010 | - | - | - |
| **Surrogate Recovery** | | | | | |
| 1-Fluoronaphthalene | 0.633 | | 0.50 | 127 | 40-135 |
| 2-Fluorobiphenyl | 0.659 | | 0.50 | 132 | 36-134 |

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Benzo (a) pyrene | 0.203 | 0.227 | 0.20 | 102 | 114 | 32-130 | 11.1 | 30 |
| Chrysene | 0.175 | 0.183 | 0.20 | 87 | 92 | 43-124 | 4.74 | 30 |
| 1-Methylnaphthalene | 0.261 | 0.254 | 0.20 | 131 | 127 | 48-143 | 2.94 | 30 |
| 2-Methylnaphthalene | 0.244 | 0.238 | 0.20 | 122 | 119 | 48-131 | 2.38 | 30 |
| Phenanthrene | 0.206 | 0.211 | 0.20 | 103 | 106 | 45-123 | 2.49 | 30 |
| Pyrene | 0.194 | 0.205 | 0.20 | 97 | 102 | 40-141 | 5.14 | 30 |
| **Surrogate Recovery** | | | | | | | | |
| 1-Fluoronaphthalene | 0.616 | 0.618 | 0.50 | 123 | 124 | 40-135 | 0.446 | 30 |
| 2-Fluorobiphenyl | 0.597 | 0.634 | 0.50 | 119 | 127 | 36-134 | 6.05 | 30 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/31/18 | **BatchID:** | 162419 |
| **Date Analyzed:** | 8/1/18 - 8/3/18 | **Extraction Method:** | SW3510C |
| **Instrument:** | GC35 | **Analytical Method:** | SW8270C-SIM |
| **Matrix:** | Water | **Unit:** | µg/L |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162419 |

## QC Summary Report for SW8270C

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | - | - | - |
| Acenaphthylene | ND | 0.50 | - | - | - |
| Anthracene | ND | 0.50 | - | - | - |
| Benzo (a) anthracene | ND | 0.50 | - | - | - |
| Benzo (a) pyrene | ND | 0.50 | - | - | - |
| Benzo (b) fluoranthene | ND | 0.50 | - | - | - |
| Benzo (g,h,i) perylene | ND | 0.50 | - | - | - |
| Benzo (k) fluoranthene | ND | 0.50 | - | - | - |
| Chrysene | ND | 0.50 | - | - | - |
| Dibenzo (a,h) anthracene | ND | 0.50 | - | - | - |
| Fluoranthene | ND | 0.50 | - | - | - |
| Fluorene | ND | 0.50 | - | - | - |
| Indeno (1,2,3-cd) pyrene | ND | 0.50 | - | - | - |
| 1-Methylnaphthalene | ND | 0.50 | - | - | - |
| 2-Methylnaphthalene | ND | 0.50 | - | - | - |
| Naphthalene | ND | 0.50 | - | - | - |
| Phenanthrene | ND | 0.50 | - | - | - |
| Pyrene | ND | 0.50 | - | - | - |
| **Surrogate Recovery** | | | | | |
| 1-Fluoronaphthalene | 27.6 | | 25 | 110 | 21-157 |
| 2-Fluorobiphenyl | 29.8 | | 25 | 119 | 18-154 |

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Benzo (a) pyrene | 11.6 | 8.89 | 10 | 116 | 89 | 1-191 | 26.9,F2 | 25 |
| Chrysene | 8.64 | 7.95 | 10 | 86 | 79 | 4-178 | 8.37 | 25 |
| 1-Methylnaphthalene | 13.9 | 12.8 | 10 | 139 | 127 | 26-193 | 8.32 | 25 |
| 2-Methylnaphthalene | 12.9 | 11.9 | 10 | 129 | 119 | 25-182 | 8.32 | 25 |
| Phenanthrene | 10.6 | 10.0 | 10 | 106 | 100 | 14-179 | 5.69 | 25 |
| Pyrene | 9.61 | 8.36 | 10 | 96 | 84 | 6-195 | 13.9 | 25 |
| **Surrogate Recovery** | | | | | | | | |
| 1-Fluoronaphthalene | 30.1 | 29.1 | 25 | 120 | 116 | 21-157 | 3.39 | 25 |
| 2-Fluorobiphenyl | 31.0 | 30.4 | 25 | 124 | 121 | 18-154 | 2.24 | 25 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/26/18 | **BatchID:** | 162241 |
| **Date Analyzed:** | 7/27/18 | **Extraction Method:** | SW3050B |
| **Instrument:** | ICP-MS1 | **Analytical Method:** | SW6020 |
| **Matrix:** | Soil | **Unit:** | mg/Kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162241<br>1807D11-001AMS/MSD |

## QC Summary Report for Metals

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| Antimony | ND | 0.50 | - | - | - |
| Arsenic | ND | 0.50 | - | - | - |
| Barium | ND | 5.0 | - | - | - |
| Beryllium | ND | 0.50 | - | - | - |
| Cadmium | ND | 0.25 | - | - | - |
| Chromium | ND | 0.50 | - | - | - |
| Cobalt | ND | 0.50 | - | - | - |
| Copper | ND | 0.50 | - | - | - |
| Lead | ND | 0.50 | - | - | - |
| Mercury | ND | 0.050 | - | - | - |
| Molybdenum | ND | 0.50 | - | - | - |
| Nickel | ND | 0.50 | - | - | - |
| Selenium | ND | 0.50 | - | - | - |
| Silver | ND | 0.50 | - | - | - |
| Thallium | ND | 0.50 | - | - | - |
| Vanadium | ND | 0.50 | - | - | - |
| Zinc | ND | 5.0 | - | - | - |
| **Surrogate Recovery** | | | | | |
| Terbium | 512 | | 500 | 102 | 70-130 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/26/18 | **BatchID:** | 162241 |
| **Date Analyzed:** | 7/27/18 | **Extraction Method:** | SW3050B |
| **Instrument:** | ICP-MS1 | **Analytical Method:** | SW6020 |
| **Matrix:** | Soil | **Unit:** | mg/Kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162241<br>1807D11-001AMS/MSD |

## QC Summary Report for Metals

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Antimony | 49.6 | 48.6 | 50 | 99 | 97 | 75-125 | 2.22 | 20 |
| Arsenic | 49.1 | 49.6 | 50 | 98 | 99 | 75-125 | 1.13 | 20 |
| Barium | 515 | 505 | 500 | 103 | 101 | 75-125 | 1.90 | 20 |
| Beryllium | 50.4 | 49.6 | 50 | 101 | 99 | 75-125 | 1.62 | 20 |
| Cadmium | 50.7 | 51.2 | 50 | 101 | 102 | 75-125 | 0.981 | 20 |
| Chromium | 51.2 | 51.4 | 50 | 102 | 103 | 75-125 | 0.507 | 20 |
| Cobalt | 50.4 | 49.5 | 50 | 101 | 99 | 75-125 | 1.84 | 20 |
| Copper | 50.9 | 51.4 | 50 | 102 | 103 | 75-125 | 1.02 | 20 |
| Lead | 50.2 | 48.6 | 50 | 100 | 97 | 75-125 | 3.26 | 20 |
| Mercury | 1.24 | 1.27 | 1.25 | 100 | 102 | 75-125 | 2.07 | 20 |
| Molybdenum | 50.3 | 49.7 | 50 | 101 | 99 | 75-125 | 1.22 | 20 |
| Nickel | 51.2 | 52.4 | 50 | 102 | 105 | 75-125 | 2.30 | 20 |
| Selenium | 51.1 | 50.9 | 50 | 102 | 102 | 75-125 | 0 | 20 |
| Silver | 48.2 | 47.5 | 50 | 96 | 95 | 75-125 | 1.36 | 20 |
| Thallium | 50.6 | 49.4 | 50 | 101 | 99 | 75-125 | 2.38 | 20 |
| Vanadium | 51.1 | 51.4 | 50 | 102 | 103 | 75-125 | 0.566 | 20 |
| Zinc | 504 | 511 | 500 | 101 | 102 | 75-125 | 1.24 | 20 |
| **Surrogate Recovery** | | | | | | | | |
| Terbium | 521 | 509 | 500 | 104 | 102 | 70-130 | 2.29 | 20 |

| Analyte | MS Result | MSD Result | SPK Val | SPKRef Val | MS %REC | MSD %REC | MS/MSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | 48.5 | 48.7 | 50 | 0.6474 | 96 | 96 | 75-125 | 0 | 20 |
| Arsenic | 55.4 | 54.0 | 50 | 8.720 | 93 | 91 | 75-125 | 2.69 | 20 |
| Barium | 625 | 643 | 500 | 166.9 | 92 | 95 | 75-125 | 2.92 | 20 |
| Beryllium | 46.6 | 47.2 | 50 | 0.6077 | 92 | 93 | 75-125 | 1.34 | 20 |
| Cadmium | 48.5 | 50.0 | 50 | 0.5459 | 96 | 99 | 75-125 | 3.17 | 20 |
| Chromium | 108 | 108 | 50 | 65.03 | 86 | 86 | 75-125 | 0 | 20 |
| Cobalt | 63.9 | 61.6 | 50 | 21.11 | 86 | 81 | 75-125 | 3.62 | 20 |
| Copper | 87.6 | 90.8 | 50 | 40.02 | 95 | 102 | 75-125 | 3.55 | 20 |
| Lead | 63.3 | 63.8 | 50 | 15.46 | 96 | 97 | 75-125 | 0.787 | 20 |
| Mercury | 3.00 | 3.20 | 1.25 | 1.914 | 87 | 103 | 75-125 | 6.49 | 20 |
| Molybdenum | 50.1 | 50.3 | 50 | 1.557 | 97 | 97 | 75-125 | 0 | 20 |
| Nickel | 133 | 130 | 50 | 104.6 | 57,F10 | 50,F10 | 75-125 | 2.51 | 20 |
| Selenium | 50.6 | 48.6 | 50 | ND | 100 | 96 | 75-125 | 3.95 | 20 |
| Silver | 46.2 | 47.1 | 50 | ND | 92 | 94 | 75-125 | 1.80 | 20 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/26/18 | **BatchID:** | 162241 |
| **Date Analyzed:** | 7/27/18 | **Extraction Method:** | SW3050B |
| **Instrument:** | ICP-MS1 | **Analytical Method:** | SW6020 |
| **Matrix:** | Soil | **Unit:** | mg/Kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162241<br>1807D11-001AMS/MSD |

## QC Summary Report for Metals

| Analyte | MS Result | MSD Result | SPK Val | SPKRef Val | MS %REC | MSD %REC | MS/MSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Thallium | 49.0 | 49.7 | 50 | ND | 98 | 99 | 75-125 | 1.32 | 20 |
| Vanadium | 124 | 127 | 50 | 68.96 | 109 | 116 | 75-125 | 2.95 | 20 |
| Zinc | 542 | 555 | 500 | 64.10 | 96 | 98 | 75-125 | 2.32 | 20 |
| **Surrogate Recovery** | | | | | | | | | |
| Terbium | 510 | 519 | 500 | | 102 | 104 | 70-130 | 1.81 | 20 |

| Analyte | DLT Result | DLTRef Val | %D | %D Limit |
|---|---|---|---|---|
| Antimony | ND<2.5 | 0.6474 | - | - |
| Arsenic | 7.56 | 8.720 | 13.3 | - |
| Barium | 159 | 166.9 | 4.73 | 20 |
| Beryllium | ND<2.5 | 0.6077 | - | - |
| Cadmium | ND<1.2 | 0.5459 | - | - |
| Chromium | 60.8 | 65.03 | 6.50 | 20 |
| Cobalt | 20.9 | 21.11 | 0.995 | 20 |
| Copper | 36.8 | 40.02 | 8.05 | 20 |
| Lead | 14.2 | 15.46 | 8.15 | 20 |
| Mercury | 1.92 | 1.914 | 0.313 | 20 |
| Molybdenum | ND<2.5 | 1.557 | - | - |
| Nickel | 95.1 | 104.6 | 9.08 | 20 |
| Selenium | ND<2.5 | ND | - | - |
| Silver | ND<2.5 | ND | - | - |
| Thallium | ND<2.5 | ND | - | - |
| Vanadium | 64.8 | 68.96 | 6.03 | 20 |
| Zinc | 64.2 | 64.10 | 0.156 | - |

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/25/18 | **BatchID:** | 162196 |
| **Date Analyzed:** | 7/27/18 | **Extraction Method:** | E200.8 |
| **Instrument:** | ICP-MS2 | **Analytical Method:** | E200.8 |
| **Matrix:** | Water | **Unit:** | µg/L |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162196 |

## QC Summary Report for Metals

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| Antimony | ND | 0.50 | - | - | - |
| Arsenic | ND | 0.50 | - | - | - |
| Barium | ND | 5.0 | - | - | - |
| Beryllium | ND | 0.50 | - | - | - |
| Cadmium | ND | 0.25 | - | - | - |
| Chromium | ND | 0.50 | - | - | - |
| Cobalt | ND | 0.50 | - | - | - |
| Copper | ND | 2.0 | - | - | - |
| Lead | ND | 0.50 | - | - | - |
| Mercury | ND | 0.050 | - | - | - |
| Molybdenum | ND | 0.50 | - | - | - |
| Nickel | ND | 0.50 | - | - | - |
| Selenium | ND | 0.50 | - | - | - |
| Silver | ND | 0.19 | - | - | - |
| Thallium | ND | 0.50 | - | - | - |
| Vanadium | ND | 0.50 | - | - | - |
| Zinc | ND | 15 | - | - | - |
| **Surrogate Recovery** | | | | | |
| Terbium | 746 | | 750 | 100 | 70-130 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/25/18 | **BatchID:** | 162196 |
| **Date Analyzed:** | 7/27/18 | **Extraction Method:** | E200.8 |
| **Instrument:** | ICP-MS2 | **Analytical Method:** | E200.8 |
| **Matrix:** | Water | **Unit:** | µg/L |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162196 |

## QC Summary Report for Metals

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Antimony | 53.0 | 53.1 | 50 | 106 | 106 | 85-115 | 0 | 20 |
| Arsenic | 49.4 | 51.1 | 50 | 99 | 102 | 85-115 | 3.50 | 20 |
| Barium | 521 | 524 | 500 | 104 | 105 | 85-115 | 0.593 | 20 |
| Beryllium | 50.8 | 50.8 | 50 | 102 | 101 | 85-115 | 0.0197 | 20 |
| Cadmium | 50.9 | 51.8 | 50 | 102 | 104 | 85-115 | 1.85 | 20 |
| Chromium | 51.0 | 52.7 | 50 | 102 | 105 | 85-115 | 3.36 | 20 |
| Cobalt | 49.2 | 49.3 | 50 | 98 | 99 | 85-115 | 0.122 | 20 |
| Copper | 51.3 | 53.4 | 50 | 103 | 107 | 85-115 | 3.95 | 20 |
| Lead | 49.9 | 50.3 | 50 | 100 | 101 | 85-115 | 0.838 | 20 |
| Mercury | 1.21 | 1.25 | 1.25 | 97 | 100 | 85-115 | 3.18 | 20 |
| Molybdenum | 50.9 | 50.7 | 50 | 102 | 101 | 85-115 | 0.354 | 20 |
| Nickel | 50.7 | 52.3 | 50 | 101 | 105 | 85-115 | 3.03 | 20 |
| Selenium | 50.4 | 50.2 | 50 | 101 | 100 | 85-115 | 0.438 | 20 |
| Silver | 51.2 | 51.4 | 50 | 102 | 103 | 85-115 | 0.312 | 20 |
| Thallium | 48.3 | 48.7 | 50 | 97 | 97 | 85-115 | 0 | 20 |
| Vanadium | 50.7 | 52.6 | 50 | 101 | 105 | 85-115 | 3.68 | 20 |
| Zinc | 508 | 520 | 500 | 102 | 104 | 85-115 | 2.33 | 20 |
| **Surrogate Recovery** | | | | | | | | |
| Terbium | 763 | 753 | 750 | 102 | 100 | 70-130 | 1.31 | 20 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/25/18 | **BatchID:** | 162184 |
| **Date Analyzed:** | 7/27/18 | **Extraction Method:** | SW3550B/3630C |
| **Instrument:** | GC9a | **Analytical Method:** | SW8015B |
| **Matrix:** | Soil | **Unit:** | mg/Kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162184 |

## QC Report for SW8015B w/ Silica Gel Clean-Up

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| TPH-Diesel (C10-C23) | ND | 1.0 | - | - | - |
| TPH-Motor Oil (C18-C36) | ND | 5.0 | - | - | - |
| **Surrogate Recovery** | | | | | |
| C9 | 23.4 | | 25 | 94 | 72-122 |

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| TPH-Diesel (C10-C23) | 43.3 | 42.0 | 40 | 108 | 105 | 75-128 | 2.99 | 30 |
| **Surrogate Recovery** | | | | | | | | |
| C9 | 23.3 | 23.1 | 25 | 93 | 92 | 72-122 | 1.02 | 30 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 7/25/18 | **BatchID:** | 162192 |
| **Date Analyzed:** | 7/27/18 | **Extraction Method:** | SW3510C/3630C |
| **Instrument:** | GC9a | **Analytical Method:** | SW8015B |
| **Matrix:** | Water | **Unit:** | µg/L |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162192 |

## QC Report for SW8015B w/ Silica Gel Clean-Up

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| TPH-Diesel (C10-C23) | ND | 50 | - | - | - |
| TPH-Motor Oil (C18-C36) | ND | 250 | - | - | - |
| **Surrogate Recovery** | | | | | |
| C9 | 606 | | 625 | 97 | 68-127 |

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| TPH-Diesel (C10-C23) | 1280 | 1190 | 1000 | 128 | 119 | 86-142 | 6.64 | 30 |
| **Surrogate Recovery** | | | | | | | | |
| C9 | 601 | 598 | 625 | 96 | 96 | 68-127 | 0 | 30 |

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# CHAIN-OF-CUSTODY RECORD



**WorkOrder: 1807D11** **ClientCode: AWE**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☒ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☒ Detection Summary ☒ Dry-Weight

**Report to:**
Leonard Niles
All West Environmental, Inc
2141 Mission Street, Ste 100
San Francisco, CA 94110
(360) 618-2789 FAX: (415) 391-2008

Email: Leonard@allwest1.com
cc/3rd Party: sara@allwest1.com;
PO:
Project: 18T023.23; Calle Del Mundo (CDM)

**Bill to:**
Darlene Torio
All West Environmental, Inc
2141 Mission Street, Ste 100
San Francisco, CA 94110
darlene@allwest1.com

**Requested TAT:** 5 days;

***Date Received:*** 07/26/2018
***Date Logged:*** 07/26/2018

| Lab ID | Client ID | Matrix | Collection Date | Hold | Requested Tests (See legend below) 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1807D11-001 | SB-1@1'-1.5' | Soil | 7/25/2018 12:37 | ☐ | | A | A | A | | A | | A | | A | | A |
| 1807D11-004 | SB-2@1'-1.5' | Soil | 7/25/2018 13:17 | ☐ | | A | A | A | | A | | A | | A | | A |
| 1807D11-007 | SB-3@1'-1.5' | Soil | 7/25/2018 11:49 | ☐ | | A | A | A | | A | | A | | A | | A |
| 1807D11-011 | SB-4@2'-2.5' | Soil | 7/25/2018 13:27 | ☐ | | A | A | A | | A | | A | | A | | A |
| 1807D11-014 | SB-5@1'1.5' | Soil | 7/25/2018 09:19 | ☐ | | A | A | A | | A | | A | | A | | A |
| 1807D11-017 | SB-6@1'-1.5' | Soil | 7/25/2018 09:05 | ☐ | | A | A | A | | A | | A | | A | | A |
| 1807D11-020 | SB-7@1'-1.5' | Soil | 7/25/2018 08:41 | ☐ | | A | A | A | | A | | A | | A | | A |
| 1807D11-023 | SB-8@1'-1.5" | Soil | 7/25/2018 07:50 | ☐ | | A | A | A | | A | | A | | A | | A |
| 1807D11-027 | SB-9@1'-1.5' | Soil | 7/25/2018 10:00 | ☐ | | A | A | A | | A | | A | | A | | A |
| 1807D11-031 | SB-2 | Water | 7/25/2018 12:55 | ☐ | D | | | | B | | C | | E | | A | |
| 1807D11-032 | SB-3 | Water | 7/25/2018 12:12 | ☐ | D | | | | B | | C | | E | | A | |
| 1807D11-033 | SB-8 | Water | 7/25/2018 08:22 | ☐ | D | | | | B | | C | | E | | A | |
| 1807D11-034 | SB-9 | Water | 7/25/2018 09:50 | ☐ | D | | | | B | | C | | E | | A | |

**Test Legend:**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 218_6_W | 2 | 7199_TTLC_LL_S [J] | 3 | 8081_S | 4 | 8260VOC_S |
| 5 | 8260VOC_W | 6 | 8270_PNA_S | 7 | 8270_PNA_W | 8 | CAM17MS_TTLC_S |
| 9 | CAM17MS_TTLC_W | 10 | G-MBTEX_S | 11 | G-MBTEX_W | 12 | TPH(DMO)WSG_S |

**Prepared by: Nancy Palacios**

The following SampIDs: 001A, 004A, 007A, 011A, 014A, 017A, 020A, 023A, 027A contain testgroup Multi RangeWSG_S.; The following SampIDs: 031A, 032A, 033A, 034A contain testgroup Multi RangeWSG_W.

**Comments:**

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

# CHAIN-OF-CUSTODY RECORD



**WorkOrder: 1807D11** **ClientCode: AWE**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☒ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☒ Detection Summary ☒ Dry-Weight

**Report to:**
Leonard Niles
All West Environmental, Inc
2141 Mission Street, Ste 100
San Francisco, CA 94110
(360) 618-2789 FAX: (415) 391-2008

Email: Leonard@allwest1.com
cc/3rd Party: sara@allwest1.com;
PO:
Project: 18T023.23; Calle Del Mundo (CDM)

**Bill to:**
Darlene Torio
All West Environmental, Inc
2141 Mission Street, Ste 100
San Francisco, CA 94110
darlene@allwest1.com

**Requested TAT:** 5 days;

***Date Received:*** 07/26/2018
***Date Logged:*** 07/26/2018

| Lab ID | Client ID | Matrix | Collection Date | Hold | Requested Tests (See legend below) 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1807D11-001 | SB-1@1'-1.5' | Soil | 7/25/2018 12:37 | ☐ | | | | | | | | | | | | |
| 1807D11-004 | SB-2@1'-1.5' | Soil | 7/25/2018 13:17 | ☐ | | | | | | | | | | | | |
| 1807D11-007 | SB-3@1'-1.5' | Soil | 7/25/2018 11:49 | ☐ | | | | | | | | | | | | |
| 1807D11-011 | SB-4@2'-2.5' | Soil | 7/25/2018 13:27 | ☐ | | | | | | | | | | | | |
| 1807D11-014 | SB-5@1'1.5' | Soil | 7/25/2018 09:19 | ☐ | | | | | | | | | | | | |
| 1807D11-017 | SB-6@1'-1.5' | Soil | 7/25/2018 09:05 | ☐ | | | | | | | | | | | | |
| 1807D11-020 | SB-7@1'-1.5' | Soil | 7/25/2018 08:41 | ☐ | | | | | | | | | | | | |
| 1807D11-023 | SB-8@1'-1.5" | Soil | 7/25/2018 07:50 | ☐ | | | | | | | | | | | | |
| 1807D11-027 | SB-9@1'-1.5' | Soil | 7/25/2018 10:00 | ☐ | | | | | | | | | | | | |
| 1807D11-031 | SB-2 | Water | 7/25/2018 12:55 | ☐ | A | | | | | | | | | | | |
| 1807D11-032 | SB-3 | Water | 7/25/2018 12:12 | ☐ | A | | | | | | | | | | | |
| 1807D11-033 | SB-8 | Water | 7/25/2018 08:22 | ☐ | A | | | | | | | | | | | |
| 1807D11-034 | SB-9 | Water | 7/25/2018 09:50 | ☐ | A | | | | | | | | | | | |

**Test Legend:**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 13 | TPH(DMO)WSG_W | 14 | | 15 | | 16 | |
| 17 | | 18 | | 19 | | 20 | |
| 21 | | 22 | | 23 | | 24 | |

**Prepared by: Nancy Palacios**

The following SampIDs: 001A, 004A, 007A, 011A, 014A, 017A, 020A, 023A, 027A contain testgroup Multi RangeWSG_S.; The following SampIDs: 031A, 032A, 033A, 034A contain testgroup Multi RangeWSG_W.

**Comments:**

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
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http://www.mccampbell.com / E-mail: main@mccampbell.com

# WORK ORDER SUMMARY

**Client Name:** ALL WEST ENVIRONMENTAL, INC
**Client Contact:** Leonard Niles
**Contact's Email:** Leonard@allwest1.com

**Project:** 18T023.23; Calle Del Mundo (CDM)
**Comments:**

**Work Order:** 1807D11
**QC Level:** LEVEL 2
**Date Logged:** 7/26/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

| Lab ID | Client ID | Matrix | Test Name | Containers /Composites | Bottle & Preservative | De-chlorinated | Collection Date & Time | TAT | Sediment Content | Hold | SubOut |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1807D11-001A | SB-1@1'-1.5' | Soil | Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up | 1 | Acetate Liner | ☐ | 7/25/2018 12:37 | 5 days | | ☐ | |
| | | | SW6020 (CAM 17) | | | ☐ | | 5 days | | ☐ | |
| | | | SW8270C (PAHs/PNAs) | | | ☐ | | 5 days | | ☐ | |
| | | | SW8260B (VOCs) <Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME)> | | | ☐ | | 5 days | | ☐ | |
| | | | SW8081A (OC Pesticides) | | | ☐ | | 5 days | | ☐ | |
| | | | SW7199 (Hexavalent chromium, Low-Level) | | | ☐ | | 5 days | | ☐ | |
| 1807D11-002A | SB-1@4'-4.5' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 12:39 | | | ☑ | |
| 1807D11-003A | SB-1@7.5'-8' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 12:41 | | | ☑ | |
| 1807D11-004A | SB-2@1'-1.5' | Soil | Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up | 1 | Acetate Liner | ☐ | 7/25/2018 13:17 | 5 days | | ☐ | |
| | | | SW6020 (CAM 17) | | | ☐ | | 5 days | | ☐ | |
| | | | SW8270C (PAHs/PNAs) | | | ☐ | | 5 days | | ☐ | |

**NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

**- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.**

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http://www.mccampbell.com / E-mail: main@mccampbell.com

# WORK ORDER SUMMARY

**Client Name:** ALL WEST ENVIRONMENTAL, INC
**Client Contact:** Leonard Niles
**Contact's Email:** Leonard@allwest1.com

**Project:** 18T023.23; Calle Del Mundo (CDM)
**Comments:**

**Work Order:** 1807D11
**QC Level:** LEVEL 2
**Date Logged:** 7/26/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

| Lab ID | Client ID | Matrix | Test Name | Containers /Composites | Bottle & Preservative | De-chlorinated | Collection Date & Time | TAT | Sediment Content | Hold | SubOut |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1807D11-004A | SB-2@1'-1.5' | Soil | SW8260B (VOCs) <Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME)> | 1 | Acetate Liner | ☐ | 7/25/2018 13:17 | 5 days | | ☐ | |
| | | | SW8081A (OC Pesticides) | | | ☐ | | 5 days | | ☐ | |
| | | | SW7199 (Hexavalent chromium, Low-Level) | | | ☐ | | 5 days | | ☐ | |
| 1807D11-005A | SB-2@4'-4.5' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 13:19 | | | ☑ | |
| 1807D11-006A | SB-2@8'-8.5' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 13:22 | | | ☑ | |
| 1807D11-007A | SB-3@1'-1.5' | Soil | Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up | 1 | Acetate Liner | ☐ | 7/25/2018 11:49 | 5 days | | ☐ | |
| | | | SW6020 (CAM 17) | | | ☐ | | 5 days | | ☐ | |
| | | | SW8270C (PAHs/PNAs) | | | ☐ | | 5 days | | ☐ | |
| | | | SW8260B (VOCs) <Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME)> | | | ☐ | | 5 days | | ☐ | |
| | | | SW8081A (OC Pesticides) | | | ☐ | | 5 days | | ☐ | |
| | | | SW7199 (Hexavalent chromium, Low-Level) | | | ☐ | | 5 days | | ☐ | |

**NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

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# WORK ORDER SUMMARY

**Client Name:** ALL WEST ENVIRONMENTAL, INC
**Client Contact:** Leonard Niles
**Contact's Email:** Leonard@allwest1.com

**Project:** 18T023.23; Calle Del Mundo (CDM)
**Comments:**

**Work Order:** 1807D11
**QC Level:** LEVEL 2
**Date Logged:** 7/26/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

| Lab ID | Client ID | Matrix | Test Name | Containers /Composites | Bottle & Preservative | De-chlorinated | Collection Date & Time | TAT | Sediment Content | Hold | SubOut |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1807D11-008A | SB-3@4'-4.5' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 11:53 | | | ☑ | |
| 1807D11-009A | SB-3@8'-8.5' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 11:55 | | | ☑ | |
| 1807D11-010A | SB-3@11.5'-12' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 11:59 | | | ☑ | |
| 1807D11-011A | SB-4@2'-2.5' | Soil | Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up | 1 | Acetate Liner | ☐ | 7/25/2018 13:27 | 5 days | | ☐ | |
| | | | SW6020 (CAM 17) | | | ☐ | | 5 days | | ☐ | |
| | | | SW8270C (PAHs/PNAs) | | | ☐ | | 5 days | | ☐ | |
| | | | SW8260B (VOCs) <Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME)> | | | ☐ | | 5 days | | ☐ | |
| | | | SW8081A (OC Pesticides) | | | ☐ | | 5 days | | ☐ | |
| | | | SW7199 (Hexavalent chromium, Low-Level) | | | ☐ | | 5 days | | ☐ | |
| 1807D11-012A | SB-4@4'-4.5' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 13:31 | | | ☑ | |
| 1807D11-013A | SB-4@7.5'-8' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 13:32 | | | ☑ | |
| 1807D11-014A | SB-5@1'1.5' | Soil | Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up | 1 | Acetate Liner | ☐ | 7/25/2018 9:19 | 5 days | | ☐ | |
| | | | SW6020 (CAM 17) | | | ☐ | | 5 days | | ☐ | |

**NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

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# WORK ORDER SUMMARY

**Client Name:** ALL WEST ENVIRONMENTAL, INC
**Client Contact:** Leonard Niles
**Contact's Email:** Leonard@allwest1.com

**Project:** 18T023.23; Calle Del Mundo (CDM)
**Comments:**

**Work Order:** 1807D11
**QC Level:** LEVEL 2
**Date Logged:** 7/26/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

| Lab ID | Client ID | Matrix | Test Name | Containers /Composites | Bottle & Preservative | De-chlorinated | Collection Date & Time | TAT | Sediment Content | Hold | SubOut |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1807D11-014A | SB-5@1'1.5' | Soil | SW8270C (PAHs/PNAs) | 1 | Acetate Liner | ☐ | 7/25/2018 9:19 | 5 days | | ☐ | |
| | | | SW8260B (VOCs) <Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME)> | | | ☐ | | 5 days | | ☐ | |
| | | | SW8081A (OC Pesticides) | | | ☐ | | 5 days | | ☐ | |
| | | | SW7199 (Hexavalent chromium, Low-Level) | | | ☐ | | 5 days | | ☐ | |
| 1807D11-015A | SB-5@4'-4.5' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 9:21 | | | ☑ | |
| 1807D11-016A | SB-5@7.5'-8' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 9:23 | | | ☑ | |
| 1807D11-017A | SB-6@1'-1.5' | Soil | Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up | 1 | Acetate Liner | ☐ | 7/25/2018 9:05 | 5 days | | ☐ | |
| | | | SW6020 (CAM 17) | | | ☐ | | 5 days | | ☐ | |
| | | | SW8270C (PAHs/PNAs) | | | ☐ | | 5 days | | ☐ | |
| | | | SW8260B (VOCs) <Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME)> | | | ☐ | | 5 days | | ☐ | |
| | | | SW8081A (OC Pesticides) | | | ☐ | | 5 days | | ☐ | |

**NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

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# WORK ORDER SUMMARY

**Client Name:** ALL WEST ENVIRONMENTAL, INC
**Client Contact:** Leonard Niles
**Contact's Email:** Leonard@allwest1.com

**Project:** 18T023.23; Calle Del Mundo (CDM)
**Comments:**

**Work Order:** 1807D11
**QC Level:** LEVEL 2
**Date Logged:** 7/26/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

| Lab ID | Client ID | Matrix | Test Name | Containers /Composites | Bottle & Preservative | De-chlorinated | Collection Date & Time | TAT | Sediment Content | Hold | SubOut |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1807D11-017A | SB-6@1'-1.5' | Soil | SW7199 (Hexavalent chromium, Low-Level) | 1 | Acetate Liner | ☐ | 7/25/2018 9:05 | 5 days | | ☐ | |
| 1807D11-018A | SB-6@4'-4.5' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 9:08 | | | ☑ | |
| 1807D11-019A | SB-6@7.5'-8' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 9:10 | | | ☑ | |
| 1807D11-020A | SB-7@1'-1.5' | Soil | Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up | 1 | Acetate Liner | ☐ | 7/25/2018 8:41 | 5 days | | ☐ | |
| | | | SW6020 (CAM 17) | | | ☐ | | 5 days | | ☐ | |
| | | | SW8270C (PAHs/PNAs) | | | ☐ | | 5 days | | ☐ | |
| | | | SW8260B (VOCs) <Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME)> | | | ☐ | | 5 days | | ☐ | |
| | | | SW8081A (OC Pesticides) | | | ☐ | | 5 days | | ☐ | |
| | | | SW7199 (Hexavalent chromium, Low-Level) | | | ☐ | | 5 days | | ☐ | |
| 1807D11-021A | SB-7@4'-4.5' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 8:46 | | | ☑ | |
| 1807D11-022A | SB-7@7.5'-8' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 8:48 | | | ☑ | |
| 1807D11-023A | SB-8@1'-1.5" | Soil | Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up | 1 | Acetate Liner | ☐ | 7/25/2018 7:50 | 5 days | | ☐ | |
| | | | SW6020 (CAM 17) | | | ☐ | | 5 days | | ☐ | |

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# WORK ORDER SUMMARY

**Client Name:** ALL WEST ENVIRONMENTAL, INC
**Client Contact:** Leonard Niles
**Contact's Email:** Leonard@allwest1.com

**Project:** 18T023.23; Calle Del Mundo (CDM)
**Comments:**

**Work Order:** 1807D11
**QC Level:** LEVEL 2
**Date Logged:** 7/26/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

| Lab ID | Client ID | Matrix | Test Name | Containers /Composites | Bottle & Preservative | De-chlorinated | Collection Date & Time | TAT | Sediment Content | Hold | SubOut |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1807D11-023A | SB-8@1'-1.5" | Soil | SW8270C (PAHs/PNAs) | 1 | Acetate Liner | ☐ | 7/25/2018 7:50 | 5 days | | ☐ | |
| | | | SW8260B (VOCs) <Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME)> | | | ☐ | | 5 days | | ☐ | |
| | | | SW8081A (OC Pesticides) | | | ☐ | | 5 days | | ☐ | |
| | | | SW7199 (Hexavalent chromium, Low-Level) | | | ☐ | | 5 days | | ☐ | |
| 1807D11-024A | SB-8@4'-4.5' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 7:54 | | | ☑ | |
| 1807D11-025A | SB-8@8'-8.5' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 8:09 | | | ☑ | |
| 1807D11-026A | SB-8@11'-11.5' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 8:14 | | | ☑ | |
| 1807D11-027A | SB-9@1'-1.5' | Soil | Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up | 1 | Acetate Liner | ☐ | 7/25/2018 10:00 | 5 days | | ☐ | |
| | | | SW6020 (CAM 17) | | | ☐ | | 5 days | | ☐ | |
| | | | SW8270C (PAHs/PNAs) | | | ☐ | | 5 days | | ☐ | |
| | | | SW8260B (VOCs) <Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME)> | | | ☐ | | 5 days | | ☐ | |

**NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

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# WORK ORDER SUMMARY

**Client Name:** ALL WEST ENVIRONMENTAL, INC
**Client Contact:** Leonard Niles
**Contact's Email:** Leonard@allwest1.com

**Project:** 18T023.23; Calle Del Mundo (CDM)
**Comments:**

**Work Order:** 1807D11
**QC Level:** LEVEL 2
**Date Logged:** 7/26/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

| Lab ID | Client ID | Matrix | Test Name | Containers /Composites | Bottle & Preservative | De-chlorinated | Collection Date & Time | TAT | Sediment Content | Hold | SubOut |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1807D11-027A | SB-9@1'-1.5' | Soil | SW8081A (OC Pesticides) | 1 | Acetate Liner | ☐ | 7/25/2018 10:00 | 5 days | | ☐ | |
| | | | SW7199 (Hexavalent chromium, Low-Level) | | | ☐ | | 5 days | | ☐ | |
| 1807D11-028A | SB-9@4'-4.5' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 10:05 | | | ☑ | |
| 1807D11-029A | SB-9@8'-8.5' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 10:07 | | | ☑ | |
| 1807D11-030A | SB-9@11.5'-12' | Soil | | 1 | Acetate Liner | ☐ | 7/25/2018 10:11 | | | ☑ | |
| 1807D11-031A | SB-2 | Water | Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up | 3 | 1 VOAs w/HCL + 2-aVOAs (multi-range) | ☐ | 7/25/2018 12:55 | 5 days | Present | ☐ | |
| 1807D11-031B | SB-2 | Water | SW8260B (VOCs) <Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Xylenes, Total> | 1 | VOA w/ HCl | ☐ | 7/25/2018 12:55 | 5 days | Present | ☐ | |
| 1807D11-031C | SB-2 | Water | SW8270C (PAHs/PNAs) | 1 | 1LA Narrow Mouth, Unpres | ☐ | 7/25/2018 12:55 | 5 days | Present | ☐ | |
| 1807D11-031D | SB-2 | Water | E218.6 (Dissolved Hexavalent chromium ) | 1 | 125mL HDPE, unprsv. | ☐ | 7/25/2018 12:55 | 5 days | Present | ☐ | |
| 1807D11-031E | SB-2 | Water | E200.8 (CAM 17) | 1 | 250mL HDPE w/ HNO3 | ☐ | 7/25/2018 12:55 | 5 days | Present | ☐ | |
| 1807D11-032A | SB-3 | Water | Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up | 3 | 1 VOAs w/HCL + 2-aVOAs (multi-range) | ☐ | 7/25/2018 12:12 | 5 days | Present | ☐ | |

**NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

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# WORK ORDER SUMMARY

**Client Name:** ALL WEST ENVIRONMENTAL, INC
**Client Contact:** Leonard Niles
**Contact's Email:** Leonard@allwest1.com

**Project:** 18T023.23; Calle Del Mundo (CDM)
**Comments:**

**Work Order:** 1807D11
**QC Level:** LEVEL 2
**Date Logged:** 7/26/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

| Lab ID | Client ID | Matrix | Test Name | Containers /Composites | Bottle & Preservative | De-chlorinated | Collection Date & Time | TAT | Sediment Content | Hold | SubOut |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1807D11-032B | SB-3 | Water | SW8260B (VOCs) <Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Xylenes, Total> | 1 | VOA w/ HCl | ☐ | 7/25/2018 12:12 | 5 days | Present | ☐ | |
| 1807D11-032C | SB-3 | Water | SW8270C (PAHs/PNAs) | 1 | 1LA Narrow Mouth, Unpres | ☐ | 7/25/2018 12:12 | 5 days | Present | ☐ | |
| 1807D11-032D | SB-3 | Water | E218.6 (Dissolved Hexavalent chromium ) | 1 | 125mL HDPE, unprsv. | ☐ | 7/25/2018 12:12 | 5 days | Present | ☐ | |
| 1807D11-032E | SB-3 | Water | E200.8 (CAM 17) | 1 | 250mL HDPE w/ HNO3 | ☐ | 7/25/2018 12:12 | 5 days | Present | ☐ | |
| 1807D11-033A | SB-8 | Water | Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up | 3 | 1 VOAs w/HCL + 2-aVOAs (multi-range) | ☐ | 7/25/2018 8:22 | 5 days | Present | ☐ | |
| 1807D11-033B | SB-8 | Water | SW8260B (VOCs) <Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Xylenes, Total> | 1 | VOA w/ HCl | ☐ | 7/25/2018 8:22 | 5 days | Present | ☐ | |
| 1807D11-033C | SB-8 | Water | SW8270C (PAHs/PNAs) | 1 | 1LA Narrow Mouth, Unpres | ☐ | 7/25/2018 8:22 | 5 days | Present | ☐ | |
| 1807D11-033D | SB-8 | Water | E218.6 (Dissolved Hexavalent chromium ) | 1 | 125mL HDPE, unprsv. | ☐ | 7/25/2018 8:22 | 5 days | Present | ☐ | |
| 1807D11-033E | SB-8 | Water | E200.8 (CAM 17) | 1 | 250mL HDPE w/ HNO3 | ☐ | 7/25/2018 8:22 | 5 days | Present | ☐ | |

**NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

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# WORK ORDER SUMMARY

**Client Name:** ALL WEST ENVIRONMENTAL, INC
**Client Contact:** Leonard Niles
**Contact's Email:** Leonard@allwest1.com

**Project:** 18T023.23; Calle Del Mundo (CDM)
**Comments:**

**Work Order:** 1807D11
**QC Level:** LEVEL 2
**Date Logged:** 7/26/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

| Lab ID | Client ID | Matrix | Test Name | Containers /Composites | Bottle & Preservative | De-chlorinated | Collection Date & Time | TAT | Sediment Content | Hold | SubOut |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1807D11-034A | SB-9 | Water | Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up | 3 | 1 VOAs w/HCL + 2-aVOAs (multi-range) | ☐ | 7/25/2018 9:50 | 5 days | Present | ☐ | |
| 1807D11-034B | SB-9 | Water | SW8260B (VOCs) <Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Methyl-t-butyl ether (MTBE), Naphthalene, t-Butyl alcohol (TBA), tert-Amyl methyl ether (TAME), Xylenes, Total> | 1 | VOA w/ HCl | ☐ | 7/25/2018 9:50 | 5 days | Present | ☐ | |
| 1807D11-034C | SB-9 | Water | SW8270C (PAHs/PNAs) | 1 | 1LA Narrow Mouth, Unpres | ☐ | 7/25/2018 9:50 | 5 days | Present | ☐ | |
| 1807D11-034D | SB-9 | Water | E218.6 (Dissolved Hexavalent chromium ) | 1 | 125mL HDPE, unprsv. | ☐ | 7/25/2018 9:50 | 5 days | Present | ☐ | |
| 1807D11-034E | SB-9 | Water | E200.8 (CAM 17) | 1 | 250mL HDPE w/ HNO3 | ☐ | 7/25/2018 9:50 | 5 days | Present | ☐ | |

**NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

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1807D11

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Telephone: (877) 252-9262 Fax: (925) 252-9269

# CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Len Niles/Sara Bloom Bill To: Darlene Torio

Company: AllWest Environmental
2141 Mission Street, Ste 100
San Francisco, CA 94110 E-Mail: leonard@/sara@/darlene@allwest1.com
Tele: ( 415 ) 391-2510 Fax: ( 415 ) 391-2008
Project #: 18T023.23 Project Name: Calle Del Mundo (CDM)
Project Location: 2263 Calle Del Mundo, Santa Clara, CA
Sampler Signature: Matdrum

| SAMPLE ID | LOCATION/ Field Point Name | SAMPLING Date | SAMPLING Time | # Containers | Type Containers | MATRIX Water | MATRIX Soil | MATRIX Air | MATRIX Sludge | MATRIX Other | METHOD PRESERVED ICE | METHOD PRESERVED HCL | METHOD PRESERVED $HNO_3$ | METHOD PRESERVED Other | OCPs (by EPA Method 8081) | Cr6 (by EPA Method 7199) | TPHd/TPHmo (by EPA Method 8015B w/silica gel CU) | TPHg & VOCs + fuel oxygenates + naph (by EPA Method 8260B) | PNAs/PAHs (by EPA Method 8270C) | CAM 17 Metals (by EPA Method 6010/6020) | Cr6 (by EPA Method 218.6) | CAM 17 Metals (by EPA Method 200.8) | Other | Other | Other | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-1@1'-1.5' | SB-1 | 07/25/18 | 1237 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | | | |
| SB-1@4'-4.5' | SB-1 | 07/25/18 | 1239 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | | HOLD |
| SB-1@7.5'-8' | SB-1 | 07/25/18 | 1241 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | | HOLD |
| SB-2@1'-1.5' | SB-2 | 07/25/18 | 1317 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | | | |
| SB-2@4'-4.5' | SB-2 | 07/25/18 | 1319 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | | HOLD |
| SB-2@8'-8.5' | SB-2 | 07/25/18 | 1322 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | | HOLD |
| SB-3@1'-1.5' | SB-3 | 07/25/18 | 1149 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | | | |
| SB-3@4'-4.5' | SB-3 | 07/25/18 | 1153 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | | HOLD |

**Indicate here if these samples are potentially dangerous to handle:

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

| Relinquished By: | Date: | Time: | Received By: |
|---|---|---|---|
| Matdrum | 7/25/18 | 1630 | LAP 7-26-18 1115 |
| LAP | 7-26-18 | 1400 | Nancy Palacios 7-26-18 1400 |
| | | | |

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

PRESERVATION VOAS O&G METALS OTHER pH<2

COMMENTS:
PLEASE PROVIDE A DETECTIONS SUMMARY RPT



3.1 WET

1807D11

# McCAMPBELL ANALYTICAL, INC.

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PITTSBURG, CA 94565-1701
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# CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Len Niles/Sara Bloom Bill To: Darlene Torio

Company: AllWest Environmental
2141 Mission Street, Ste 100
San Francisco, CA 94110 E-Mail: leonard@/sara@/darlene@allwest1.com

Tele: ( 415 ) 391-2510 Fax: ( 415 ) 391-2008

Project #: 18T023.23 Project Name: Calle Del Mundo (CDM)

Project Location: 2263 Calle Del Mundo, Santa Clara, CA

Sampler Signature: Sara Bloom

| SAMPLE ID | LOCATION/ Field Point Name | SAMPLING Date | SAMPLING Time | # Containers | Type Containers | MATRIX Water | MATRIX Soil | MATRIX Air | MATRIX Sludge | MATRIX Other | METHOD PRESERVED ICE | METHOD PRESERVED HCL | METHOD PRESERVED $HNO_3$ | METHOD PRESERVED Other | OCPs (by EPA Method 8081) | Cr6 (by EPA Method 7199) | TPHd/TPHmo (by EPA Method 8015B w/silica gel CU) | TPHg & VOCs + fuel oxygenates + naph (by EPA Method 8260B) | PNAs/PAHs (by EPA Method 8270C) | CAM 17 Metals (by EPA Method 6010/6020) | Cr6 (by EPA Method 218.6) | CAM 17 Metals (by EPA Method 200.8) | Other | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-3@8'-8.5' | SB-3 | 07/25/18 | 1155 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |
| SB-3@11.5'-12' | SB-3 | 07/25/18 | 1159 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |
| SB-4@2'-2.5' | SB-4 | 07/25/18 | 1327 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | |
| SB-4@4'-4.5' | SB-4 | 07/25/18 | 1331 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |
| SB-4@7.5'-8' | SB-4 | 07/25/18 | 1332 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |
| SB-5@1'-1.5' | SB-5 | 07/25/18 | 0919 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | |
| SB-5@4'-4.5' | SB-5 | 07/25/18 | 0921 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |
| SB-5@7.5'-8' | SB-5 | 07/25/18 | 0923 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |

Other

**Indicate here if these samples are potentially dangerous to handle:

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| Relinquished By: | Date: | Time: | Received By: |
|---|---|---|---|
| Sara Bloom | 7/25/18 | 1630 | LAP 7.26.18 1115 |
| LAP | 7.26.18 | 1400 | Nancy Palacios 7.26.18 1400 |
| | | | |

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

PRESERVATION VOAS O&G METALS OTHER
pH<2

COMMENTS:

PLEASE PROVIDE A DETECTIONS SUMMARY RPT

3.1 WET

1807011

# McCAMPBELL ANALYTICAL, INC.

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# CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Len Niles/Sara Bloom Bill To: Darlene Torio

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2141 Mission Street, Ste 100

San Francisco, CA 94110 E-Mail: leonard@/sara@/darlene@allwest1.com

Tele: ( 415 ) 391-2510 Fax: ( 415 ) 391-2008

Project #: 18T023.23 Project Name: Calle Del Mundo (CDM)

Project Location: 2263 Calle Del Mundo, Santa Clara, CA

Sampler Signature: Sara Bloom

| SAMPLE ID | LOCATION/ Field Point Name | SAMPLING Date | SAMPLING Time | # Containers | Type Containers | MATRIX Water | MATRIX Soil | MATRIX Air | MATRIX Sludge | MATRIX Other | METHOD PRESERVED ICE | METHOD PRESERVED HCL | METHOD PRESERVED $HNO_3$ | METHOD PRESERVED Other | OCPs (by EPA Method 8081) | Cr6 (by EPA Method 7199) | TPHd/TPHmo (by EPA Method 8015B w/silica gel CU) | TPHg & VOCs + fuel oxygenates + naph (by EPA Method 8260B) | PNAs/PAHs (by EPA Method 8270C) | CAM 17 Metals (by EPA Method 6010/6020) | Cr6 (by EPA Method 218.6) | CAM 17 Metals (by EPA Method 200.8) | Other | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-6@1'-1.5' | SB-6 | 07/25/18 | 0905 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | |
| SB-6@4'-4.5' | SB-6 | 07/25/18 | 0908 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |
| SB-6@7.5'-8' | SB-6 | 07/25/18 | 0910 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |
| SB-7@1'-1.5' | SB-7 | 07/25/18 | 0841 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | |
| SB-7@4'-4.5' | SB-7 | 07/25/18 | 0846 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |
| SB-7@7.5'-8' | SB-7 | 07/25/18 | 0848 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |
| SB-8@1'-1.5' | SB-8 | 07/25/18 | 0750 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | |
| SB-8@4'-4.5' | SB-8 | 07/25/18 | 0754 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |

Other

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| Sara Bloom | 7/25/18 | 1630 | IAP 7.26.18 1115 |
| IAP | 7.26.18 | 1400 | Nancy Palacios 7.26.18 1400 |
| | | | |

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS:

PLEASE PROVIDE A DETECTIONS SUMMARY RPT

PRESERVATION VOAS O&G METALS OTHER
pH<2

3.1 WET

1807D11

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Tele: ( 415 ) 391-2510 Fax: ( 415 ) 391-2008

Project #: 18T023.23 Project Name: Calle Del Mundo (CDM)

Project Location: 2263 Calle Del Mundo, Santa Clara, CA

Sampler Signature: S Mathrum

| SAMPLE ID | LOCATION/ Field Point Name | SAMPLING Date | SAMPLING Time | # Containers | Type Containers | MATRIX Water | MATRIX Soil | MATRIX Air | MATRIX Sludge | MATRIX Other | METHOD PRESERVED ICE | METHOD PRESERVED HCL | METHOD PRESERVED $HNO_3$ | METHOD PRESERVED Other | OCPs (by EPA Method 8081) | Cr6 (by EPA Method 7199) | TPHd/TPHmo (by EPA Method 8015B w/silica gel CU) | TPHg & VOCs + fuel oxygenates + naph (by EPA Method 8260B) | PNAs/PAHs (by EPA Method 8270C) | CAM 17 Metals (by EPA Method 6010/6020) | Cr6 (by EPA Method 218.6) | CAM 17 Metals (by EPA Method 200.8) | Other | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-8@8'-8.5' | SB-8 | 07/25/18 | 0809 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |
| SB-8@11'-11.5' | SB-8 | 07/25/18 | 0814 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |
| SB-9@1'-1.5' | SB-9 | 07/25/18 | 1000 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | |
| SB-9@4'-4.5' | SB-9 | 07/25/18 | 1005 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |
| SB-9@8'-8.5' | SB-9 | 07/25/18 | 1007 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |
| SB-9@11.5'-12' | SB-9 | 07/25/18 | 1011 | 1 | AS | | X | | | | X | | | | | | | | | | | | | HOLD |
| + SB-2 | SB-2 | 07/25/18 | 1255 | 7 | V,P, A | X | | | | | X | X | X | | | | X | X | X | | X | X | | |
| + SB-3 | SB-3 | 07/25/18 | 1212 | 7 | V,P, A | X | | | | | X | X | X | | | | X | X | X | | X | X | | |

Other: Comments: **Indicate here if these samples are potentially dangerous to handle:

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

| Relinquished By: | Date: | Time: | Received By: |
|---|---|---|---|
| S Mathrum | 7/25/18 | 1630 | LAP 7-26-18 1115 |
| LAP | 7-26-18 | 1400 | Nancy Palacios 7-26-18 1400 |
| | | | |

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS:
PLEASE PROVIDE A DETECTIONS SUMMARY RPT

PRESERVATION VOAS O&G METALS OTHER pH<2

3.1 WET

1807D11

# McCAMPBELL ANALYTICAL, INC.

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PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

# CHAIN OF CUSTODY RECORD

**TURN AROUND TIME** ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY

**GeoTracker EDF** ☐ **PDF** ☐ **Excel** ☐ **Write On (DW)** ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Len Niles/Sara Bloom Bill To: Darlene Torio

Company: AllWest Environmental
2141 Mission Street, Ste 100
San Francisco, CA 94110 E-Mail: leonard@/sara@/darlene@allwest1.com

Tele: ( 415 ) 391-2510 Fax: ( 415 ) 391-2008

Project #: 18T023.23 Project Name: Calle Del Mundo (CDM)

Project Location: 2263 Calle Del Mundo, Santa Clara, CA

Sampler Signature: [signature]

| SAMPLE ID | LOCATION/ Field Point Name | SAMPLING Date | SAMPLING Time | # Containers | Type Containers | MATRIX Water | MATRIX Soil | MATRIX Air | MATRIX Sludge | MATRIX Other | METHOD PRESERVED ICE | METHOD PRESERVED HCL | METHOD PRESERVED $HNO_3$ | METHOD PRESERVED Other | OCPs (by EPA Method 8081) | Cr6 (by EPA Method 7199) | TPHd/TPHmo (by EPA Method 8015B w/silica gel CU) | TPHg & VOCs + fuel oxygenates + naph (by EPA Method 8260B) | PNAs/PAHs (by EPA Method 8270C) | CAM 17 Metals (by EPA Method 6010/6020) | Cr6 (by EPA Method 218.6) | CAM 17 Metals (by EPA Method 200.8) | Other | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-8 | SB-8 | 07/25/18 | 0822 | 7 | V,P, A | X | | | | | X | | | | | | X | X | X | | X | X | | |
| SB-9 | SB-9 | 07/25/18 | 0950 | 7 | V,P, A | X | | | | | X | | | | | | X | X | X | | X | X | | |

**Indicate here if these samples are potentially dangerous to handle:

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

| Relinquished By: | Date: | Time: | Received By: |
|---|---|---|---|
| [signature] | 7/25/18 | 1630 | LAP 7.26.18 1115 |
| LAP | 7.26.18 | 1400 | Nancy Palacios 7.26.18 1400 |
| | | | |

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

PRESERVATION_____ VOAS O&G METALS OH<2 OTHER_____

COMMENTS:

PLEASE PROVIDE A DETECTIONS SUMMARY RPT

3.1 WET

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# Sample Receipt Checklist

| | | | |
|---|---|---|---|
| Client Name: | **All West Environmental, Inc** | Date and Time Received | **7/26/2018 14:00** |
| Project: | **18T023.23; Calle Del Mundo (CDM)** | Date Logged: | **7/26/2018** |
| | | Received by: | Nancy Palacios |
| WorkOrder №: | **1807D11** Matrix: Soil/Water | Logged by: | Nancy Palacios |
| Carrier: | Lorenzo Perez (MAI Courier) | | |

## Chain of Custody (COC) Information

| | | | |
|---|---|---|---|
| Chain of custody present? | Yes ☑ | No ☐ | |
| Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| Sample IDs noted by Client on COC? | Yes ☑ | No ☐ | |
| Date and Time of collection noted by Client on COC? | Yes ☑ | No ☐ | |
| Sampler's name noted on COC? | Yes ☑ | No ☐ | |
| COC agrees with Quote? | Yes ☐ | No ☐ | NA ☑ |

## Sample Receipt Information

| | | | |
|---|---|---|---|
| Custody seals intact on shipping container/cooler? | Yes ☐ | No ☐ | NA ☑ |
| Shipping container/cooler in good condition? | Yes ☑ | No ☐ | |
| Samples in proper containers/bottles? | Yes ☑ | No ☐ | |
| Sample containers intact? | Yes ☑ | No ☐ | |
| Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |

## Sample Preservation and Hold Time (HT) Information

| | | | |
|---|---|---|---|
| All samples received within holding time? | Yes ☑ | No ☐ | NA ☐ |
| Samples Received on Ice? | Yes ☑ | No ☐ | |
| | (Ice Type: WET ICE ) | | |
| Sample/Temp Blank temperature | Temp: 3.1°C | | NA ☐ |
| Water - VOA vials have zero headspace / no bubbles? | Yes ☐ | No ☐ | NA ☑ |
| Sample labels checked for correct preservation? | Yes ☑ | No ☐ | |
| pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)? | Yes ☐ | No ☐ | NA ☑ |
| UCMR Samples: | | | |
| pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)? | Yes ☐ | No ☐ | NA ☑ |
| Free Chlorine tested and acceptable upon receipt (<0.1mg/L)? | Yes ☐ | No ☐ | NA ☑ |

Comments:

# McCampbell Analytical, Inc.

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# Analytical Report

**WorkOrder:** 1807D11 A **Amended:** 08/14/2018

**Report Created for:** All West Environmental, Inc

2141 Mission Street, Ste 100
San Francisco, CA 94110

**Project Contact:** Leonard Niles
**Project P.O.:**
**Project:** 18T023.23; Calle Del Mundo (CDM)

**Project Received:** 07/26/2018

Analytical Report reviewed & approved for release on 08/14/2018 by:

Christine Askari
Project Manager

***The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.***

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# Glossary of Terms & Qualifier Definitions

**Client:** All West Environmental, Inc
**Project:** 18T023.23; Calle Del Mundo (CDM)
**WorkOrder:** 1807D11 A

## Glossary Abbreviation

| | |
|---|---|
| %D | Serial Dilution Percent Difference |
| 95% Interval | 95% Confident Interval |
| DF | Dilution Factor |
| DI WET | (DISTLC) Waste Extraction Test using DI water |
| DISS | Dissolved (direct analysis of 0.45 µm filtered and acidified water sample) |
| DLT | Dilution Test (Serial Dilution) |
| DUP | Duplicate |
| EDL | Estimated Detection Limit |
| ERS | External reference sample. Second source calibration verification. |
| ITEF | International Toxicity Equivalence Factor |
| LCS | Laboratory Control Sample |
| MB | Method Blank |
| MB % Rec | % Recovery of Surrogate in Method Blank, if applicable |
| MDL | Method Detection Limit |
| ML | Minimum Level of Quantitation |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| N/A | Not Applicable |
| ND | Not detected at or above the indicated MDL or RL |
| NR | Data Not Reported due to matrix interference or insufficient sample amount. |
| PDS | Post Digestion Spike |
| PDSD | Post Digestion Spike Duplicate |
| PF | Prep Factor |
| RD | Relative Difference |
| RL | Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.) |
| RPD | Relative Percent Deviation |
| RRT | Relative Retention Time |
| SPK Val | Spike Value |
| SPKRef Val | Spike Reference Value |
| SPLP | Synthetic Precipitation Leachate Procedure |
| ST | Sorbent Tube |
| TCLP | Toxicity Characteristic Leachate Procedure |
| TEQ | Toxicity Equivalents |
| WET (STLC) | Waste Extraction Test (Soluble Threshold Limit Concentration) |

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# Detection Summary

**Client:** All West Environmental, Inc **WorkOrder:** 1807D11
**Project:** 18T023.23; Calle Del Mundo (CDM) **Addon-Date:** 08/08/2018

**Client ID: SB-1@4'-4.5'** **Lab ID: 1807D11-002A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Chromium | 60 | | 0.50 | 1 | mg/kg | | SW6020 |

**Client ID: SB-2@4'-4.5'** **Lab ID: 1807D11-005A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Chromium | 62 | | 0.50 | 1 | mg/kg | | SW6020 |

**Client ID: SB-3@4'-4.5'** **Lab ID: 1807D11-008A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Chromium | 66 | | 0.50 | 1 | mg/kg | | SW6020 |

**Client ID: SB-4@4'-4.5'** **Lab ID: 1807D11-012A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Chromium | 64 | | 0.50 | 1 | mg/kg | | SW6020 |

**Client ID: SB-5@4'-4.5'** **Lab ID: 1807D11-015A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Chromium | 86 | | 0.50 | 1 | mg/kg | | SW6020 |

**Client ID: SB-6@4'-4.5'** **Lab ID: 1807D11-018A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Arsenic | 4.9 | | 0.50 | 1 | mg/kg | | SW6020 |
| Chromium | 73 | | 0.50 | 1 | mg/kg | | SW6020 |

**Client ID: SB-7@1'-1.5'** **Lab ID: 1807D11-020A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Chromium | 0.26 | | 0.10 | 1 | mg/L | WET | SW6020 |

**Client ID: SB-7@4'-4.5'** **Lab ID: 1807D11-021A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Arsenic | 4.9 | | 0.50 | 1 | mg/kg | | SW6020 |
| Chromium | 63 | | 0.50 | 1 | mg/kg | | SW6020 |

**Client ID: SB-8@1'-1.5'** **Lab ID: 1807D11-023A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Chromium | 0.18 | | 0.10 | 1 | mg/L | WET | SW6020 |

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# Detection Summary

**Client:** All West Environmental, Inc **WorkOrder:** 1807D11
**Project:** 18T023.23; Calle Del Mundo (CDM) **Addon-Date:** 08/08/2018

**Client ID: SB-8@4'-4.5'** **Lab ID: 1807D11-024A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Arsenic | 7.3 | | 0.50 | 1 | mg/kg | | SW6020 |
| Chromium | 70 | | 0.50 | 1 | mg/kg | | SW6020 |

**Client ID: SB-9@4'-4.5'** **Lab ID: 1807D11-028A**

| Analyte | Result | Qual | RL | DF | Unit | ExtType/ CleanUp | Method |
|---|---|---|---|---|---|---|---|
| Chromium | 58 | | 0.50 | 1 | mg/kg | | SW6020 |

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | CA Title 22 |
| **Date Prepared:** | 8/11/18 | **Analytical Method:** | SW6020 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/L |

## Metals (STLC)

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-7@1'-1.5'** | **1807D11-020A** | **Soil** | **07/25/2018 08:41** | **ICP-MS3 056SMPL.D** | **163103** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Chromium | **0.26** | 0.10 | 1 | 08/13/2018 13:53 |

Analyst(s): ND

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8@1'-1.5'** | **1807D11-023A** | **Soil** | **07/25/2018 07:50** | **ICP-MS3 057SMPL.D** | **163103** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Chromium | **0.18** | 0.10 | 1 | 08/13/2018 13:59 |

Analyst(s): ND

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3050B |
| **Date Prepared:** | 8/9/18 | **Analytical Method:** | SW6020 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-1@4'-4.5'** | **1807D11-002A** | **Soil** | **07/25/2018 12:39** | **ICP-MS3 027SMPL.D** | **162951** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Chromium | **60** | 0.50 | 1 | 08/10/2018 11:13 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 110 | 70-130 | 08/10/2018 11:13 |

Analyst(s): ND

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-2@4'-4.5'** | **1807D11-005A** | **Soil** | **07/25/2018 13:19** | **ICP-MS3 031SMPL.D** | **162951** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Chromium | **62** | 0.50 | 1 | 08/10/2018 11:37 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 104 | 70-130 | 08/10/2018 11:37 |

Analyst(s): JC

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-3@4'-4.5'** | **1807D11-008A** | **Soil** | **07/25/2018 11:53** | **ICP-MS3 032SMPL.D** | **162951** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Chromium | **66** | 0.50 | 1 | 08/10/2018 11:43 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 113 | 70-130 | 08/10/2018 11:43 |

Analyst(s): JC

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-4@4'-4.5'** | **1807D11-012A** | **Soil** | **07/25/2018 13:31** | **ICP-MS3 034SMPL.D** | **162951** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Chromium | **64** | 0.50 | 1 | 08/10/2018 11:56 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 112 | 70-130 | 08/10/2018 11:56 |

Analyst(s): JC

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3050B |
| **Date Prepared:** | 8/9/18 | **Analytical Method:** | SW6020 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-5@4'-4.5'** | **1807D11-015A** | **Soil** | **07/25/2018 09:21** | **ICP-MS3 033SMPL.D** | **162951** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Chromium | **86** | 0.50 | 1 | 08/10/2018 11:50 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 110 | 70-130 | 08/10/2018 11:50 |

Analyst(s): JC

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-6@4'-4.5'** | **1807D11-018A** | **Soil** | **07/25/2018 09:08** | **ICP-MS3 035SMPL.D** | **162951** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Arsenic | **4.9** | 0.50 | 1 | 08/10/2018 12:02 |
| Chromium | **73** | 0.50 | 1 | 08/10/2018 12:02 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 109 | 70-130 | 08/10/2018 12:02 |

Analyst(s): JC

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-7@4'-4.5'** | **1807D11-021A** | **Soil** | **07/25/2018 08:46** | **ICP-MS3 045SMPL.D** | **162951** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Arsenic | **4.9** | 0.50 | 1 | 08/10/2018 13:03 |
| Chromium | **63** | 0.50 | 1 | 08/10/2018 13:03 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 108 | 70-130 | 08/10/2018 13:03 |

Analyst(s): JC

*(Cont.)*

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# Analytical Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Received:** | 7/26/18 14:00 | **Extraction Method:** | SW3050B |
| **Date Prepared:** | 8/9/18 | **Analytical Method:** | SW6020 |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Unit:** | mg/kg |

## Metals

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-8@4'-4.5'** | **1807D11-024A** | **Soil** | **07/25/2018 07:54** | **ICP-MS3 046SMPL.D** | **162951** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Arsenic | **7.3** | 0.50 | 1 | 08/10/2018 13:10 |
| Chromium | **70** | 0.50 | 1 | 08/10/2018 13:10 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 111 | 70-130 | 08/10/2018 13:10 |

Analyst(s): JC

| Client ID | Lab ID | Matrix | Date Collected | Instrument | Batch ID |
|---|---|---|---|---|---|
| **SB-9@4'-4.5'** | **1807D11-028A** | **Soil** | **07/25/2018 10:05** | **ICP-MS3 047SMPL.D** | **162951** |

| Analytes | Result | RL | DF | Date Analyzed |
|---|---|---|---|---|
| Chromium | **58** | 0.50 | 1 | 08/10/2018 13:16 |

| Surrogates | REC (%) | Limits | |
|---|---|---|---|
| Terbium | 106 | 70-130 | 08/10/2018 13:16 |

Analyst(s): JC

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 8/11/18 | **BatchID:** | 163103 |
| **Date Analyzed:** | 8/13/18 | **Extraction Method:** | CA Title 22 |
| **Instrument:** | ICP-MS1 | **Analytical Method:** | SW6020 |
| **Matrix:** | Soil | **Unit:** | mg/L |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-163103 |

## QC Summary Report for Metals (STLC)

| Analyte | MB Result | RL | | | |
|---|---|---|---|---|---|
| Chromium | ND | 0.10 | - | - | - |

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Chromium | 10.1 | 9.96 | 10 | 101 | 100 | 75-125 | 1.18 | 20 |

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# Quality Control Report

| | | | |
|---|---|---|---|
| **Client:** | All West Environmental, Inc | **WorkOrder:** | 1807D11 |
| **Date Prepared:** | 8/8/18 | **BatchID:** | 162951 |
| **Date Analyzed:** | 8/9/18 | **Extraction Method:** | SW3050B |
| **Instrument:** | ICP-MS2 | **Analytical Method:** | SW6020 |
| **Matrix:** | Soil | **Unit:** | mg/Kg |
| **Project:** | 18T023.23; Calle Del Mundo (CDM) | **Sample ID:** | MB/LCS/LCSD-162951 |

## QC Summary Report for Metals

| Analyte | MB Result | RL | SPK Val | MB SS %REC | MB SS Limits |
|---|---|---|---|---|---|
| Arsenic | ND | 0.50 | - | - | - |
| Chromium | ND | 0.50 | - | - | - |
| **Surrogate Recovery** | | | | | |
| Terbium | 516 | | 500 | 103 | 70-130 |

| Analyte | LCS Result | LCSD Result | SPK Val | LCS %REC | LCSD %REC | LCS/LCSD Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Arsenic | 52.0 | 51.0 | 50 | 104 | 102 | 75-125 | 1.96 | 20 |
| Chromium | 51.9 | 52.3 | 50 | 104 | 105 | 75-125 | 0.748 | 20 |
| **Surrogate Recovery** | | | | | | | | |
| Terbium | 509 | 520 | 500 | 102 | 104 | 70-130 | 2.00 | 20 |

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

# CHAIN-OF-CUSTODY RECORD



**WorkOrder: 1807D11 A** **ClientCode: AWE**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☐ Dry-Weight

**Report to:**
Leonard Niles
All West Environmental, Inc
2141 Mission Street, Ste 100
San Francisco, CA 94110
(360) 618-2789 FAX: (415) 391-2008

Email: Leonard@allwest1.com
cc/3rd Party: kevin@allwest1.com; sara@allwest1.com;
PO:
Project: 18T023.23; Calle Del Mundo (CDM)

**Bill to:**
Darlene Torio
All West Environmental, Inc
2141 Mission Street, Ste 100
San Francisco, CA 94110
darlene@allwest1.com

**Requested TAT:** 5 days;

***Date Received:*** 07/26/2018
***Date Logged:*** 07/26/2018
***Date Add-On:*** 08/08/2018

| Lab ID | Client ID | Matrix | Collection Date | Hold | Requested Tests (See legend below) 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1807D11-002 | SB-1@4'-4.5' | Soil | 7/25/2018 12:39 | ☐ | | A | | | | | | | | | | |
| 1807D11-005 | SB-2@4'-4.5' | Soil | 7/25/2018 13:19 | ☐ | | A | | | | | | | | | | |
| 1807D11-008 | SB-3@4'-4.5' | Soil | 7/25/2018 11:53 | ☐ | | A | | | | | | | | | | |
| 1807D11-012 | SB-4@4'-4.5' | Soil | 7/25/2018 13:31 | ☐ | | A | | | | | | | | | | |
| 1807D11-015 | SB-5@4'-4.5' | Soil | 7/25/2018 09:21 | ☐ | | A | | | | | | | | | | |
| 1807D11-018 | SB-6@4'-4.5' | Soil | 7/25/2018 09:08 | ☐ | | A | | | | | | | | | | |
| 1807D11-020 | SB-7@1'-1.5' | Soil | 7/25/2018 08:41 | ☐ | A | | | | | | | | | | | |
| 1807D11-021 | SB-7@4'-4.5' | Soil | 7/25/2018 08:46 | ☐ | | A | | | | | | | | | | |
| 1807D11-023 | SB-8@1'-1.5' | Soil | 7/25/2018 07:50 | ☐ | A | | | | | | | | | | | |
| 1807D11-024 | SB-8@4'-4.5' | Soil | 7/25/2018 07:54 | ☐ | | A | | | | | | | | | | |
| 1807D11-028 | SB-9@4'-4.5' | Soil | 7/25/2018 10:05 | ☐ | | A | | | | | | | | | | |

**Test Legend:**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | CRMS_STLC_S | 2 | METALSMS_TTLC_S | 3 | | 4 | |
| 5 | | 6 | | 7 | | 8 | |
| 9 | | 10 | | 11 | | 12 | |

**Prepared by: Nancy Palacios**

**Add-On Prepared By: Jena Alfaro**

**Comments:** TTLCs and STLCs added 8/8/2018 STAT

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
*"When Quality Counts"*

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

# WORK ORDER SUMMARY

**Client Name:** ALL WEST ENVIRONMENTAL, INC
**Client Contact:** Leonard Niles
**Contact's Email** Leonard@allwest1.com

**Project:** 18T023.23; Calle Del Mundo (CDM)
**Comments:** TTLCs and STLCs added 8/8/2018 STAT

**Work Order:** 1807D11
**QC Level:** LEVEL 2
**Date Logged:** 7/26/2018
**Date Add-On:** 8/8/2018

| Lab ID | Client ID | Matrix | Test Name | Containers /Composites | Bottle & Preservative | Collection Date & Time | TAT | Sediment Content | Hold | SubOut |
|---|---|---|---|---|---|---|---|---|---|---|
| 1807D11-002A | SB-1@4'-4.5' | Soil | SW6020 (Metals) <Chromium> | 1 | Acetate Liner | 7/25/2018 12:39 | 5 days | | ☐ | |
| 1807D11-005A | SB-2@4'-4.5' | Soil | SW6020 (Metals) <Chromium> | 1 | Acetate Liner | 7/25/2018 13:19 | 5 days | | ☐ | |
| 1807D11-008A | SB-3@4'-4.5' | Soil | SW6020 (Metals) <Chromium> | 1 | Acetate Liner | 7/25/2018 11:53 | 5 days | | ☐ | |
| 1807D11-012A | SB-4@4'-4.5' | Soil | SW6020 (Metals) <Chromium> | 1 | Acetate Liner | 7/25/2018 13:31 | 5 days | | ☐ | |
| 1807D11-015A | SB-5@4'-4.5' | Soil | SW6020 (Metals) <Chromium> | 1 | Acetate Liner | 7/25/2018 9:21 | 5 days | | ☐ | |
| 1807D11-018A | SB-6@4'-4.5' | Soil | SW6020 (Metals) <Arsenic, Chromium> | 1 | Acetate Liner | 7/25/2018 9:08 | 5 days | | ☐ | |
| 1807D11-020A | SB-7@1'-1.5' | Soil | SW6020 (Chromium) (STLC) | 1 | Acetate Liner | 7/25/2018 8:41 | 5 days* | | ☐ | |
| 1807D11-021A | SB-7@4'-4.5' | Soil | SW6020 (Metals) <Arsenic, Chromium> | 1 | Acetate Liner | 7/25/2018 8:46 | 5 days | | ☐ | |
| 1807D11-023A | SB-8@1'-1.5' | Soil | SW6020 (Chromium) (STLC) | 1 | Acetate Liner | 7/25/2018 7:50 | 5 days* | | ☐ | |
| 1807D11-024A | SB-8@4'-4.5' | Soil | SW6020 (Metals) <Arsenic, Chromium> | 1 | Acetate Liner | 7/25/2018 7:54 | 5 days | | ☐ | |
| 1807D11-028A | SB-9@4'-4.5' | Soil | SW6020 (Metals) <Chromium> | 1 | Acetate Liner | 7/25/2018 10:05 | 5 days | | ☐ | |

**NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

**- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.**

1807D11

# McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

# CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Len Niles/Sara Bloom Bill To: Darlene Torio

Company: AllWest Environmental

2141 Mission Street, Ste 100

San Francisco, CA 94110 E-Mail: leonard@/sara@/darlene@allwest1.com

Tele: ( 415 ) 391-2510 Fax: ( 415 ) 391-2008

Project #: 18T023.23 Project Name: Calle Del Mundo (CDM)

Project Location: 2263 Calle Del Mundo, Santa Clara, CA

Sampler Signature: [signature]

| SAMPLE ID | LOCATION/ Field Point Name | SAMPLING Date | SAMPLING Time | # Containers | Type Containers | MATRIX Water | MATRIX Soil | MATRIX Air | MATRIX Sludge | MATRIX Other | METHOD PRESERVED ICE | METHOD PRESERVED HCL | METHOD PRESERVED $HNO_3$ | METHOD PRESERVED Other | OCPs (by EPA Method 8081) | Cr6 (by EPA Method 7199) | TPHd/TPHmo (by EPA Method 8015B w/silica gel CU) | TPHg & VOCs + fuel oxygenates + naph (by EPA Method 8260B) | PNAs/PAHs (by EPA Method 8270C) | CAM 17 Metals (by EPA Method 6010/6020) | Cr6 (by EPA Method 218.6) | CAM 17 Metals (by EPA Method 200.8) | Cr TTLC 8/8/18 STAT | Other | Other | Other | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-1@1'-1.5' | SB-1 | 07/25/18 | 1237 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | | | | |
| SB-1@4'-4.5' | SB-1 | 07/25/18 | 1239 | 1 | AS | | X | | | | X | | | | | | | | | | | | X | | | | HOLD |
| SB-1@7.5'-8' | SB-1 | 07/25/18 | 1241 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | | | HOLD |
| SB-2@1'-1.5' | SB-2 | 07/25/18 | 1317 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | | | | |
| SB-2@4'-4.5' | SB-2 | 07/25/18 | 1319 | 1 | AS | | X | | | | X | | | | | | | | | | | | X | | | | HOLD |
| SB-2@8'-8.5' | SB-2 | 07/25/18 | 1322 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | | | HOLD |
| SB-3@1'-1.5' | SB-3 | 07/25/18 | 1149 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | | | | |
| SB-3@4'-4.5' | SB-3 | 07/25/18 | 1153 | 1 | AS | | X | | | | X | | | | | | | | | | | | X | | | | HOLD |

**Indicate here if these samples are potentially dangerous to handle:

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

| Relinquished By: | Date: | Time: | Received By: |
|---|---|---|---|
| [signature] | 7/25/18 | 1630 | LAP 7-26-18 1115 |
| LAP | 7-26-18 | 1400 | Nancy Palacios 7-26-18 1400 |
| | | | |

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS:

PLEASE PROVIDE A DETECTIONS SUMMARY RPT

PRESERVATION VOAS O&G METALS OTHER pH<2

3.1 WET

1807D11

# McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

# CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Len Niles/Sara Bloom Bill To: Darlene Torio

Company: AllWest Environmental
2141 Mission Street, Ste 100
San Francisco, CA 94110 E-Mail: leonard@/sara@/darlene@allwest1.com

Tele: ( 415 ) 391-2510 Fax: ( 415 ) 391-2008

Project #: 18T023.23 Project Name: Calle Del Mundo (CDM)

Project Location: 2263 Calle Del Mundo, Santa Clara, CA

Sampler Signature: Sara Bloom

| SAMPLE ID | LOCATION/ Field Point Name | SAMPLING Date | SAMPLING Time | # Containers | Type Containers | MATRIX Water | MATRIX Soil | MATRIX Air | MATRIX Sludge | MATRIX Other | METHOD PRESERVED ICE | HCL | $HNO_3$ | Other | OCPs (by EPA Method 8081) | Cr6 (by EPA Method 7199) | TPHd/TPHmo (by EPA Method 8015B w/silica gel CU) | TPHg & VOCs + fuel oxygenates + naph (by EPA Method 8260B) | PNAs/PAHs (by EPA Method 8270C) | CAM 17 Metals (by EPA Method 6010/6020) | Cr6 (by EPA Method 218.6) | CAM 17 Metals (by EPA Method 200.8) | Cr TTLC 8/8/18 STAT | Other | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-3@8'-8.5' | SB-3 | 07/25/18 | 1155 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | HOLD |
| SB-3@11.5'-12' | SB-3 | 07/25/18 | 1159 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | HOLD |
| SB-4@2'-2.5' | SB-4 | 07/25/18 | 1327 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | | |
| SB-4@4'-4.5' | SB-4 | 07/25/18 | 1331 | 1 | AS | | X | | | | X | | | | | | | | | | | | X | | HOLD |
| SB-4@7.5'-8' | SB-4 | 07/25/18 | 1332 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | HOLD |
| SB-5@1'-1.5' | SB-5 | 07/25/18 | 0919 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | | |
| SB-5@4'-4.5' | SB-5 | 07/25/18 | 0921 | 1 | AS | | X | | | | X | | | | | | | | | | | | X | | HOLD |
| SB-5@7.5'-8' | SB-5 | 07/25/18 | 0923 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | HOLD |

Other

Comments: **Indicate here if these samples are potentially dangerous to handle:

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| Relinquished By: | Date: | Time: | Received By: |
|---|---|---|---|
| Sara Bloom | 7/25/18 | 1630 | LAP 7.26.18 1115 |
| LAP | 7.26.18 | 1400 | Nancy Palacios 7.26.18 1400 |
| | | | |

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS:
PLEASE PROVIDE A DETECTIONS SUMMARY RPT

PRESERVATION VOAS O&G METALS OTHER
pH<2

3.1 WET

1807011

# McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

# CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ■ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Len Niles/Sara Bloom Bill To: Darlene Torio

Company: AllWest Environmental

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Tele: ( 415 ) 391-2510 Fax: ( 415 ) 391-2008

Project #: 18T023.23 Project Name: Calle Del Mundo (CDM)

Project Location: 2263 Calle Del Mundo, Santa Clara, CA

Sampler Signature: Sara Bloom

| SAMPLE ID | LOCATION/ Field Point Name | SAMPLING Date | SAMPLING Time | # Containers | Type Containers | MATRIX Water | MATRIX Soil | MATRIX Air | MATRIX Sludge | MATRIX Other | METHOD PRESERVED ICE | HCL | $HNO_3$ | Other | OCPs (by EPA Method 8081) | Cr6 (by EPA Method 7199) | TPHd/TPHmo (by EPA Method 8015B w/silica gel CU) | TPHg & VOCs + fuel oxygenates + naph (by EPA Method 8260B) | PNAs/PAHs (by EPA Method 8270C) | CAM 17 Metals (by EPA Method 6010/6020) | Cr6 (by EPA Method 218.6) | CAM 17 Metals (by EPA Method 200.8) | Cr TTLC 8/8/18 STAT | As TTLC 8/8/18 STAT | STLC Cr 8/8/18 STAT | Other | Other | Other | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-6@1'-1.5' | SB-6 | 07/25/18 | 0905 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | | | | | | |
| SB-6@4'-4.5' | SB-6 | 07/25/18 | 0908 | 1 | AS | | X | | | | X | | | | | | | | | | | | X | X | | | | | HOLD |
| SB-6@7.5'-8' | SB-6 | 07/25/18 | 0910 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | | | | | HOLD |
| SB-7@1'-1.5' | SB-7 | 07/25/18 | 0841 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | | X | | | | |
| SB-7@4'-4.5' | SB-7 | 07/25/18 | 0846 | 1 | AS | | X | | | | X | | | | | | | | | | | | X | X | | | | | HOLD |
| SB-7@7.5'-8' | SB-7 | 07/25/18 | 0848 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | | | | | HOLD |
| SB-8@1'-1.5' | SB-8 | 07/25/18 | 0750 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | | X | | | | |
| SB-8@4'-4.5' | SB-8 | 07/25/18 | 0754 | 1 | AS | | X | | | | X | | | | | | | | | | | | X | X | | | | | HOLD |

**Indicate here if these samples are potentially dangerous to handle:

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| Relinquished By: | Date: | Time: | Received By: |
|---|---|---|---|
| Sara Bloom | 7/25/18 | 1630 | LAP 7.26.18 1115 |
| LAP | 7.26.18 | 1400 | Nancy Palacios 7.26.18 1400 |
| | | | |

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

PRESERVATION VOAS O&G METALS OTHER
pH<2 3.1 WET

COMMENTS:

PLEASE PROVIDE A DETECTIONS SUMMARY RPT

1807D11

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☐ Check if sample is effluent and "J" flag is required

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Tele: ( 415 ) 391-2510 Fax: ( 415 ) 391-2008

Project #: 18T023.23 Project Name: Calle Del Mundo (CDM)

Project Location: 2263 Calle Del Mundo, Santa Clara, CA

Sampler Signature: [signature]

| SAMPLE ID | LOCATION/ Field Point Name | SAMPLING Date | SAMPLING Time | # Containers | Type Containers | MATRIX Water | MATRIX Soil | MATRIX Air | MATRIX Sludge | MATRIX Other | METHOD PRESERVED ICE | METHOD PRESERVED HCL | METHOD PRESERVED $HNO_3$ | METHOD PRESERVED Other | OCPs (by EPA Method 8081) | Cr6 (by EPA Method 7199) | TPHd/TPHmo (by EPA Method 8015B w/silica gel CU) | TPHg & VOCs + fuel oxygenates + naph (by EPA Method 8260B) | PNAs/PAHs (by EPA Method 8270C) | CAM 17 Metals (by EPA Method 6010/6020) | Cr6 (by EPA Method 218.6) | CAM 17 Metals (by EPA Method 200.8) | Cr TTLC 8/6/18 STAT | | | | | | | | Other | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-8@8'-8.5' | SB-8 | 07/25/18 | 0809 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | | | | | | | | | | | HOLD |
| SB-8@11'-11.5' | SB-8 | 07/25/18 | 0814 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | | | | | | | | | | | HOLD |
| SB-9@1'-1.5' | SB-9 | 07/25/18 | 1000 | 1 | AS | | X | | | | X | | | | X | X | X | X | X | X | | | | | | | | | | | | | | | |
| SB-9@4'-4.5' | SB-9 | 07/25/18 | 1005 | 1 | AS | | X | | | | X | | | | | | | | | | | | X | | | | | | | | | | | | HOLD |
| SB-9@8'-8.5' | SB-9 | 07/25/18 | 1007 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | | | | | | | | | | | HOLD |
| SB-9@11.5'-12' | SB-9 | 07/25/18 | 1011 | 1 | AS | | X | | | | X | | | | | | | | | | | | | | | | | | | | | | | | HOLD |
| SB-2 | SB-2 | 07/25/18 | 1255 | 7 | V,P, A | X | | | | | X | X | X | | | | X | X | X | | X | X | | | | | | | | | | | | | |
| SB-3 | SB-3 | 07/25/18 | 1212 | 7 | V,P, A | X | | | | | X | X | X | | | | X | X | X | | X | X | | | | | | | | | | | | | |

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|---|---|---|---|
| [signature] | 7/25/18 | 1630 | LAP 7-26-18 1115 |
| LAP | 7-26-18 | 1400 | Nancy Palacios 7-26-18 1400 |
| | | | |

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

COMMENTS:
PLEASE PROVIDE A DETECTIONS SUMMARY RPT

PRESERVATION VOAS O&G METALS OTHER
pH<2 3.1 WET

# APPENDIX D

# APPLICATION FOR AUTHORIZATION TO USE

**REPORT TITLE:** **Phase II Subsurface Investigation Report**

2263-2275 Calle del Mundo
Santa Clara, California 95054

**PROJECT NUMBER:** 18T023.23

To: AllWest Environmental, Inc.
2141 Mission Street, Suite 100
San Francisco, CA 94110

From (Applicant): _____

_____

_____

*(Please clearly identify name and address of person/entity applying for permission to use or copy this document)*

Ladies and Gentlemen:

Applicant states they have thoroughly reviewed the report and had the opportunity to discuss with AllWest the report's methodology, findings and conclusion(s).

Applicant hereby applies for permission to rely upon AllWest's work product, as described above, for the purpose of (state here the purpose for which you wish to rely upon the work product):

Applicant only can accept and rely upon AllWest work product under the strict understanding that Applicant is bound by all provisions in the General Conditions to the Work Authorization Agreement provided below. Every report, recommendation, finding, or conclusion issued by AllWest shall be subject to the limitations stated in the Agreement and subject report(s). If this is agreeable, please sign below and return one copy of this letter to us along with the applicable fees. Upon receipt and if acceptable, our signed letter will be returned. AllWest may withhold permission at its sole discretion or require additional re-use fees or terms.

**FEES:** A $1,650 coordination and reliance fee, payable in advance, will apply. If desired, for an additional $150 report reproduction fee, we will reissue the report in the name of the Applicant; the report date, however, will remain the same. All checks will be returned if your request for reliance is not approved.

| **REQUESTED BY** | **APPROVED BY** |
|---|---|
| _____ | **AllWest Environmental, Inc.** |
| Applicant Company | |
| _____ | _____ |
| Print Name and Title | Print Name and Title |
| _____ | _____ |
| Signature and Date | Signature and Date |

# GENERAL CONDITIONS TO THE WORK AUTHORIZATION AGREEMENT

It is hereby agreed that the Client retains AllWest to provide services as set forth in the Work Authorization attached hereto (the "Work"). This contract shall be controlled by the following terms and conditions, and these terms and conditions shall also control any further assignments performed pursuant to this Work Authorization. Client's signature on this Work Authorization constitutes Client's agreement to the all terms to this contract, including these General Conditions.

## FEES AND COSTS

1. AllWest shall charge for work performed by its personnel at the rates identified in the Work Authorization. These rates are subject to reasonable increases by AllWest upon giving Client 30 days advance notice. Reimbursable Costs will be charged to the Client in addition to the fees for the basic services under this Agreement and all Additional Services (defined below) under the Agreement. Reimbursable Costs include, but are not limited to, expenses for travel, including transportation, meals, lodging, long distance telephone and other related expenses, as well as the costs of reproduction of all drawings for the Client's use, costs for specifications and type-written reports, permit and approval fees, automobile travel reimbursement, costs and fees of subcontractors, and soil and other materials testing. No overtime is accrued for time spent in travel. All costs incurred which relate to the services or materials provided by a contractor or subcontractor to AllWest shall be invoiced by AllWest on the basis of cost plus twenty percent (20%). Automobile travel reimbursement shall be at the rate of fifty- eight cents ($0.58) per mile. All other reimbursable costs shall be invoiced and billed by AllWest at the rate of 1.1 times the direct cost to AllWest. Reimbursable costs will be charged to the client only as outlined in the Work Authorization if the scope of work is for Phase I Environmental Site Assessment, Property Condition Assessment, Seismic Assessment or ALTA survey. Invoices for work performed shall be submitted monthly. Payment will be due upon receipt of invoice. Client shall pay interest on the balance of unpaid invoices which are overdue by more than 30 days, at a rate of 18% per annum as well as all attorney fees and costs incurred by AllWest to secure payment of unpaid invoices. AllWest may waive such fees at its sole discretion.

## STANDARD OF CARE

2. AllWest will perform its work in accordance with the standard of care of its industry, as it is at the time of the work being performed, and applicable in the locale of the work being performed. AllWest makes no other warranties, express or implied regarding its work.

## LIMITATION OF REMEDIES

3. Client expressly agrees that to the fullest extent permitted by law, Client's remedies for any liability incurred by AllWest, and/or its employees or agents, for any and all claims arising from AllWest's services, shall be $50,000 or its fees, whichever is greater.

Client may request a higher limitation of remedies, but must do so in writing. Upon such written request, AllWest may agree to increase this limit in exchange for a mutually negotiated higher fee commensurate with the increased risk to AllWest. Any such agreed increase in fee and limitation of remedies amount must be memorialized by written agreement which expressly amends the terms of this clause.

As used in this section, the term "limitation of remedies" shall apply to claims of any kind, including, but not limited to, claims brought in contract, tort, strict liability, or otherwise, for any and all injuries, claims, losses, expenses, or damages whatsoever arising out of or in any way related to AllWest's services or the services of AllWest's subcontractors, consultants, agents, officers, directors, and employees from any cause(s). AllWest shall not be liable for any claims of loss of profits or any other indirect, incidental, or consequential damages of any nature whatsoever. Client & AllWest have specifically negotiated this limitation.

## INDEMNIFICATION

4. Notwithstanding any other provision of this Agreement, Client agrees, to the fullest extent permitted by law, to waive any claim against, release from any liability or responsibility for, and , indemnify and hold harmless AllWest, its employees, agents and sub-consultants (collectively, Consultant) from and against any and all damages, liabilities, claims, actions or costs of any kind, including reasonable attorney's fees and defense costs, arising or alleged to arise out of or to be in any way connected with the Project or the performance or non-performance of Consultant of any services under this Agreement, excepting only any such liabilities determined by a court or other forum of competent jurisdiction to have been caused by the negligence or willful misconduct of Consultant. This provision shall be in addition to any rights of indemnity that Consultant may have under the law and shall survive and remain in effect following the termination of this Agreement for any reason. Should any part of this provision be determined to be unenforceable, AllWest and Client agree that the rest of the provision shall apply to the maximum extent permitted by law. The Client's duty to defend AllWest shall arise immediately upon tender of any matter potentially covered by the above obligations to indemnify and hold harmless.

## MEDIATION & JUDICIAL REFERENCE

5. In an effort to resolve any conflicts or disputes that arise regarding the performance of this agreement, the Client & AllWest agree that all such disputes shall be submitted to non-binding mediation, using a mutually agreed upon mediation service experienced in the resolution of construction disputes. Unless the parties mutually agree otherwise, such mediation shall be a condition precedent to the initiation of any other adjudicative proceedings. It is further agreed that any dispute that is not settled pursuant to such mediation shall be adjudicated by a court appointed referee in accordance with the Judicial Reference procedures as set forth in California Code of Civil Procedure Section 638 et seq. The parties hereby mutually agree to waive any right to a trial by jury regarding any dispute arising out of this agreement.

The parties further agree to include a similar mediation, Judicial Reference & waiver of jury trial provision in their agreements with other independent contractors & consultants retained for the project and require them to similarly agree to these dispute resolution procedures. The cost of said Mediation shall be split equally between the parties. This agreement to mediate shall be specifically enforceable under the prevailing law of the jurisdiction in which this agreement was signed.

## HAZARDOUS WASTE

6. Client acknowledges that AllWest and its sub-contractors have played no part in the creation of any hazardous waste, pollution sources, nuisance, or chemical or industrial disposal problem, which may exist, and that AllWest has been retained for the sole purpose of performing the services set out in the scope of work within this Agreement, which may include, but is not necessarily limited to such services as assisting the Client in assessing any problem which may exist and in assisting the

Client in formulating a remedial program. Client acknowledges that while necessary for investigations, commonly used exploration methods employed by AllWest may penetrate through contaminated materials and serve as a connecting passageway between the contaminated material and an uncontaminated aquifer or groundwater, possibly inducing cross contamination. While back-filling with grout or other means, according to a state of practice design is intended to provide a seal against such passageway, it is recognized that such a seal may be imperfect and that there is an inherent risk in drilling borings of performing other exploration methods in a hazardous waste site.

AllWest will not sign or execute hazardous waste manifests or other waste tracking documents on behalf of Client unless Client specifically establishes AllWest as an express agent of Client under a written agency agreement approved by AllWest. In addition, Client agrees that AllWest shall not be required to sign any documents, no matter requested by whom, that would have the effect of AllWest providing any form of certification, guarantee, or warranty as to any matter or to opine on conditions for which the existence AllWest cannot ascertain. Client also agrees that it shall never seek or otherwise attempt to have AllWest provide any form of such certification, guarantee or warranty in exchange for resolution of any disputes between Client and AllWest, or as a condition precedent to making payment to AllWest for fees and costs owing under this Agreement.

Client understands and agrees that AllWest is not, and has no responsibility as, a generator, operator, treater, storer, transporter , arranger or disposer of hazardous or toxic substances found or identified at the site, including investigation-derived waste. The Client shall undertake and arrange for the removal, treatment, storage, disposal and/or treatment of hazardous material and investigation derived waste (such as drill cuttings) and further, assumes full responsibility for such wastes to the complete exclusion of any responsibility, duty or obligation upon AllWest. AllWest's responsibilities shall be limited to recommendations regarding such matters and assistance with appropriate arrangements if authorized by Client.

## FORCE MAJUERE

7. Neither party shall be responsible for damages or delays in performance under this Agreement caused by acts of God, strikes, lockouts, accidents or other events or condition (other than financial inability ) beyond the other Party's reasonable control.

## TERMINATION

8. This Agreement may be terminated by either party upon ten (10) days' written notice should the other party substantially fail to perform in accordance with its duties and responsibilities as set forth in this Agreement and such failure to perform is through no fault of the party initiating the termination. Client agrees that if it chooses to terminate AllWest for convenience, and AllWest has otherwise satisfactorily performed its obligations under this Agreement to that point, AllWest shall be paid no less than eighty percent (80%) of the contract price, provided, however, that if AllWest shall have completed more than eighty percent of the Work at the time of said termination, AllWest shall be compensated as provided in the Work Authorization for all services performed prior to the termination date which fall within the scope of work described in the Work Authorization and may as well, at its sole discretion and in accordance with said Schedule of Fees, charge Client, and Client agrees to pay AllWest's reasonable costs and labor in winding up its files and removing equipment and other materials from the Project.

Upon notice of termination by Client to AllWest, AllWest may issue notice of such termination to other consultants, contractors, subcontractors and to governing agencies having jurisdiction over the Project, and take such other actions as are reasonably necessary in order to give notice that AllWest is no longer associated with the Project and to protect AllWest from claims of liability from the work of others.

## DOCUMENTS

9. Any documents prepared by AllWest, including, but not limited to proposals, project specifications, drawings, calculations, plans and maps, and any ideas and designs incorporated therein, as well as any reproduction of the above are instruments of service and shall remain the property of AllWest and AllWest retains copyrights to these instruments of service. AllWest grants to Client a non-exclusive license to use these instruments of service for the purpose of completing and maintaining the Project. The Client shall be permitted to retain a copy of any instruments of service, but Client expressly agrees and acknowledges that the instruments of service may not be used by the Client on other projects, or for any other purpose, except the project for which they were prepared, unless Client first obtains a written agreement expanding the license to such use from AllWest, and with appropriate compensation to AllWest. Client further agrees that such instruments of service shall not be provided to any third parties without the express written permission of AllWest.

Client shall furnish, or cause to be furnished to AllWest all documents and information known to Client that relate to the identity, location, quantity, nature, or characteristics of any asbestos, PCBs, or any other hazardous materials or waste at, on or under the site. In addition, Client will furnish or cause to be furnished such reports, data, studies, plans, specifications, documents and other information on surface or subsurface site conditions, e.g., underground tanks, pipelines and buried utilities, required by AllWest for proper performance of its services. IF Client fails to provide AllWest with all hazardous material subject matter reports including geotechnical assessments in its possession during the period that AllWest is actively providing its services (including up to 30 days after its final invoice), Client shall release AllWest from any and all liability for risks and damages the Client incurs resulting from its reliance on AllWest's professional opinion. AllWest shall be entitled to rely upon Client - provided documents and information in performing the services required in this Agreement; however, AllWest assumes no responsibility or liability for the accuracy or completeness of Client-provided documents. Client-provided documents will remain the property of the Client.

## ACCESS TO PROJECT

10. Client grants to AllWest the right of access and entry to the Project at all times necessary for AllWest to perform the Work. If Client is not the owner of the Project, then Client represents that Client has full authority to grant access and right of entry to AllWest for the purpose of AllWest's performance of the Work. This right of access and entry extends fully to any agents, employees, contractors or subcontractors of AllWest upon reasonable proof of association with AllWest. Client's failure to provide such timely access and permission shall constitute a material breach of this Agreement excusing AllWest from performance of its duties under this Agreement.

## CONFIDENTIAL INFORMATION

11. Both Client and AllWest understand that in conjunction with AllWest's performance of the Work on the project, both Client and AllWest may receive or be exposed to Proprietary Information of the other. As used herein, the term "Proprietary Information" refers to any and all information of a confidential, proprietary or secret nature which may be either applicable to, or relate in any way to: (a) the personal, financial or other affairs of the business of each of the Parties, or (b) the

research and development or investigations of each of the Parties. Proprietary Information includes, for example and without limitation, trade secrets, processes, formulas, data, know-how, improvements, inventions, techniques, software technical data, developments, research projects, plans for future development, marketing plans and strategies. Each of the Parties agrees that all Proprietary Information of the other party is and shall remain exclusively the property of that other party. The parties further acknowledge that the Proprietary Information of the other party is a special, valuable and unique asset of that party, and each of the Parties agrees that at all times during the terms of this Agreement and thereafter to keep in confidence and trust all Proprietary Information of the other party, whether such Proprietary Information was obtained or developed by the other party before, during or after the term of this Agreement. Each of the Parties agrees not to sell, distribute, disclose or use in any other unauthorized manner the Proprietary Information of the other party. AllWest further agrees that it will not sell, distribute or disclose information or the results of any testing obtained by AllWest during the performance of the Work without the prior written approval of Client unless required to do so by federal, state or local statute, ordinance or regulation.

## INDEPENDENT CONTRACTOR

12. Both Client and AllWest agree that AllWest is an independent contractor in the performance of the Work under this Agreement. All persons or parties employed by AllWest in connection with the Work are the agents, employees or subcontractors of AllWest and not of Client. Accordingly, AllWest shall be responsible for payment of all taxes arising out of AllWest's activities in performing the Work under this Agreement.

## ENTIRE AGREEMENT

13. This Agreement contains the entire agreement between the Parties pertaining to the subject matter contained in it and supersedes and replaces in its entirety all prior and contemporaneous proposals, agreements, representations and understandings of the Parties. The Parties have carefully read and understand the contents of this Agreement and sign their names to the same as their own free act.

## INTEGRATION

14. This is a fully integrated Agreement. The terms of this Agreement may be modified only by a writing signed by both Parties. The terms of this Agreement were fully negotiated by the Parties and shall not be construed for or against the Client or AllWest but shall be interpreted in accordance with the general meaning of the language in an effort to reach the intended result.

## MODIFICATION / WAIVER / PARTIAL INVALIDITY

15. Failure on the part of either party to complain of any act or omission of the other, or to declare the other party in default, shall not constitute a waiver by such party of its rights hereunder. If any provision of this Agreement or its application be unenforceable to any extent, the Parties agree that the remainder of this Agreement shall not be affected and shall be enforced to the greatest extent permitted by law.

## INUREMENT / TITLES

16. Subject to any restrictions on transfers, assignments and encumbrances set forth herein, this Agreement shall inure to the benefit of and be binding upon the undersigned Parties and their respective heirs, executors, legal representatives, successors and assigns. Paragraph titles or captions contained in this Agreement are inserted only as a matter of convenience, and for reference only, and in no way limit, define or extend the provisions of any paragraph. , et al., incurred in that action or proceeding, in addition to any other relief to which it or they may be entitled.

## AUTHORITY

17. Each of the persons executing this Agreement on behalf of a corporation does hereby covenant and warrant that the corporation is duly authorized and existing under the laws of its respective state of incorporation, that the corporation has and is qualified to do business in its respective state of incorporation, that the corporation has the full right and authority to enter into this Agreement, and that each person signing on behalf of the corporation is authorized to do so. If the Client is a joint venture, limited liability company or a partnership, the signatories below warrant that said entity is properly and duly organized and existing under the laws of the state of its formation and pursuant to the organizational and operating document of the entity, and the laws of the state of its formation, said signatory has authority act on behalf of and commit the entity to this Agreement.

## COUNTERPARTS

18. This Agreement may be signed in counterparts by each of the Parties hereto and, taken together, the signed counterparts shall constitute a single document.

## THIRD PARTY BENEFICIARIES / CONTROLLING LAW

19. There are no intended third party beneficiaries of this Agreement. The services, data & opinions expressed by AllWest are for the sole use of the client, are for a particular project and may not be relied upon by anyone other than the client. This Agreement shall be controlled by the laws of the State of California and any action by either party to enforce this Agreement shall be brought in San Francisco County, California.

## TIME BAR TO LEGAL ACTION

20. Any legal actions by either party against the other related to this Agreement, shall be barred after one year has passed from the time the claimant knew or should have known of its claim, and under no circumstances shall be initiated after two years have passed from the date by which AllWest completes its services.

# Ensemble Parcel 61 Phase II Report

2303, 2307, 2311, 2315, & 2319 Calle Del Mundo
Santa Clara, California
(APN 097-05-061)

February 15, 2019

*Prepared by:*

**Roux Associates, Inc.**
555 12th Street, Suite 250
Oakland, California 94607

Environmental Consulting
& Management
1-415-967-6000
rouxinc.com

2760.0003S.101/CV

February 15, 2019

Jewelle Kennedy
Ensemble Investments Inc.
444 W. Ocean Blvd., Ste. 650
Long Beach, California 90802

Re: Limited Phase II Subsurface Environmental Investigation Report
2303, 2307, 2311, 2315, & 2319 Calle Del Mundo, Santa Clara, California (APN 097-05-061)

Dear Ms. Kennedy:

Roux Associates, Inc. (Roux) has prepared this Letter Report to summarize the findings of the Limited Phase II Subsurface Environmental Investigation (Investigation) conducted at 2303, 2307, 2311, 2315, & 2319 Calle Del Mundo in Santa Clara, California (Site). This Investigation was performed on behalf of Ensemble Real Estate Investments (Client) for the prospective purchase of the Site. The Site location is provided on Figure 1 and the sample locations from the Investigation activities are provided on Figure 2.

The purpose of the Investigation was to assess shallow subsurface conditions below the Site based on the recognized environmental conditions (RECs) identified in Roux's February 2019 *Phase I Environmental Site Assessment* (Phase I ESA)[1].

## Investigation Rationale

The draft Phase I ESA identified the following three recognized environmental conditions (RECs) associated with the Site:

1. G&K operated at the Site from approximately 1977 to 1991. During their years of operation, they used a sump to collect electroplating rinsewater from their operational activities. In 1990, the sump was removed with oversight from the Santa Clara County Fire Department. However, during the excavation activities, soil impacted with hexavalent chromium above the current Residential cancer-risk Environmental Screening Level (ESL) of 0.30 milligrams per kilogram (mg/kg) was left in place. Additionally, other investigations at the Site detected lead and thallium in soil above their current Residential ESLs. Langan Treadwell Rollo (Langan) conducted a soil and groundwater investigation at the Site in September 2014 which further evaluated the extent of the metals release. The Site investigations identified that contamination appears to be limited to below the sewer line, but the full extent of metal-impacted soil in the subsurface at the Site is unknown. the presence of metal-impacted soil in the subsurface at the Site is considered a REC.

2. Watts Machining Inc. (Watts)[2] is located adjacent to the west of the Site. In November 2018, groundwater samples collected from a well (G-2R) in the north-eastern corner of Watts detected

[1] Roux Associates, 2019. *Phase I ESA, 2303 Calle Del Mundo, Santa Clara, California.* February 14.
[2] Also known as CDM Investors.



555 12th Street, Suite 250 ■ Oakland, California 94607 ■ 415.967.6000 ■ www.rouxinc.com
California ■ Illinois ■ Massachusetts ■ New Jersey ■ New York ■ Texas

concentrations of trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride (VC). TCE was detected at 33 micrograms per liter (µg/L), cis-1,2-DCE was detected at 8.0 µg/L, and VC was detected at 0.40 µg/L. These TCE and VC groundwater concentrations exceed both their respective Maximum Containment Levels (MCLs) and the Residential ESLs for a vapor intrusion health risk. These VOCs were detected approximately 70 feet west of the Site. Although VOCs in groundwater have not been detected in samples collected in the central and eastern portions of the Site, no sampling has been performed near the in the western portion of the Site near identified groundwater impacts. It is possible that the VOCs observed in groundwater beneath the Watts site has migrated and impacted groundwater or soil vapor to the north-western side of the Site. The VOC-impacted groundwater present immediately adjacent to the Site is considered a REC.

3. Langan's September 2014 included soil vapor sampling. While the results for the soil and groundwater were less than environmental screening levels, the subslab vapor had one concentration of benzene at 110 ug/m3, which exceed the environmental screening levels for residential and commercial use. The benzene in soil vapor present at the Site is considered a REC.

At the Request of Ensemble, Roux completed a limited Phase II soil vapor investigation at the Site to better evaluate the potential extent of RECs 2 and 3 described above. This investigation included two subslab soil vapor samples collected below the slab of the existing building for analysis of volatile organic compounds (VOCs). The previous 2014 investigation by Langan was considered sufficient for determining the level of magnitude of the metals impacted soil at the Site, so additional investigation for metals was not evaluated.

## Methods of Investigation

### Pre-Field Activities

Roux prepared a Site-specific Health and Safety Plan which was available on-Site during field activities. The Roux site supervisor held a tailgate safety meeting to discuss the relevant safety aspects for the day. Underground Service Alert (USA) was notified prior to subsurface activities and nearby utilities were marked appropriately.

### Subslab Vapor Sampling

Two subslab soil vapor samples (RSS-1 and RSS-2) were collected by drilling a 5/8-inch hole through the concrete slab and then installing a Vapor Pin ®. After installing the sampling pin, the area was left to equilibrate for two hours prior to collecting the sample in general accordance with California Environmental Protection Agency's Department of Toxic Substances Control's (DTSC's) and the San Francisco Regional Water Quality Control Board 2015 Guidance titled *Advisory, Active Soil Gas Investigations.*

Prior to collecting the subslab vapor sample, a closed-circuit sampling train was created by attaching the sample Summa® canister via a laboratory supplied and cleaned stainless steel sampling manifold. A "shut-in" test was performed prior to connecting the sampling equipment to the vapor probe tubing. This test was performed by applying a vacuum (approximately -30 inches of mercury [in. HG]) to the manifold then noting the pressure on the manifold gauge. The vacuum was held for a duration of one minute to ensure that there was no pressure drop on the manifold which would indicate a leak.

Once the sampling train passed the "shut in" test, it was connected to the probe tubing. The sampling train was placed within a helium shroud and was subjected to a 20% helium environment. A leak test was performed by testing the concentration of helium within the sample line during the purge of the vapor pin. During the leak test, Roux purged approximately 150 mL from the subslab vapor pin location using a 6-Liter purge Summa® canister at approximately the same flow rate as is used during vapor sampling (approximately 150 milliliters per minute [ml/min]). While conducting subslab vapor sampling, the vacuum of the sample Summa® canister was used to draw the vapor through the flow controller until a negative pressure of approximately -5 inHg was observed on the vacuum gauge while the vapor pin, probe tubing, and entire sampling train were enclosed in a helium shroud. The helium concentration inside the shroud was maintained above 20% helium and quantified using a helium meter throughout the duration of the sampling.

The soil vapor samples were labeled, logged on a chain-of-custody form, and delivered to Enthalpy Analytical, a California-certified laboratory in Berkeley, California. The samples were analyzed for volatile organic compounds (VOCs) by the United States Environmental Protection Agency Method TO-15 and helium by the American Society for Testing and Materials (ASTM) Method D1946-90. The laboratory analytical reports are included as Attachment A.

**Vapor Pin Abandonment**

Both soil vapor pins were extracted from the sample locations after sampling and the slab was restored with neat cement grout to the surface to match the surrounding grade.

## Investigation Results

**Subslab Vapor Analytical Results**

Analytical results were compared to San Francisco Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs)[3]. According to the RWQCB, under most circumstances, "the presence of a chemical in soil, soil gas, or groundwater at concentrations below the corresponding ESL can be assumed to not pose a significant threat to human health, water resources, or the environment" within the limitations of the ESL User's Guide. The concentrations of constituents in subslab soil gas were compared to their respective ESLs for residential as well as commercial/industrial land use (ESL Table SG-1).

Subslab vapor analytical results are summarized in Table 1. Analytical reports are included as Attachment A. The following is a summary of the analytical results:

- Several petroleum-related and chlorofluorocarbon VOCs were detected in RSS-1 and RSS-2 below residential ESLs, including 1,1,2-trichlorotrifluoroethane, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 4-ethyltoluene, acetone, carbon disulphide, cyclohexane, dichlorodifluoromethane, ethylbenzene, heptane, hexane, isopropyl alcohol, m and p-xylene, o-xylene, toluene, trans-1,2-dichloroethene, and xylenes (total).
- No ESL exceedances were detected in sample location RSS-1.
- ESL exceedances of benzene, chloroform, and methylene chloride were observed in RSS-2. Chloroform and methylene chloride exceeded the residential ESLs. Benzene exceeded the commercial/industrial ESL.

[3] San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for Subslab Soil Gas and Exterior Soil Gas Vapor Intrusions updated January 2019.

- No helium was detected in either of the two subslab vapor samples; therefore, the manifold and sampling line were free of leaks during the sampling procedures which occurred within a helium shroud.

## Conclusions

Subslab vapor samples were collected to investigate and characterize the subslab soil gas below the existing Site for prospective purchase of the Site. Sample results from this Investigation were compared to the residential ESLs and commercial/industrial ESLs for sub-slab soil gas. ESL exceedances were observed only within sample RSS-2. These exceedances include residential ESL exceedances for chloroform and methylene chloride as well as a commercial/industrial ESL exceedance of benzene.

- No chlorinated VOCs associated with the nearby groundwater plume were detected in soil gas below the building above laboratory reporting limits.

- Of the VOC concentrations that were detected above Residential ESLs in soil vapor samples collected from RSS-2, only benzene was previously detected at the Property during the Langan 2014 Phase II investigation. Based on the benzene analysis conducted in soil gas and in soil and groundwater in this and past investigations, it appears that the benzene source could have originated from the Site.

- Of the detected concentrations, at RSS-2 chloroform, and methylene chloride were detected above the residential ESL and benzene was detected above the residential and commercial ESLs.

If you have any questions regarding the contents of this letter report, please do not hesitate to contact the undersigned at 415-967-6000.

Sincerely,

**ROUX ASSOCIATES, INC.**

Daniel Fleege, P.E.
Project Engineer

Christine Pilachowski, P.G.
Senior Geologist

David Dixon, P.G.
Principal Geologist

Enclosures:

| | |
|---|---|
| Table 1 | Summary of Subslab Vapor Analytical Results |
| Figure 1 | Site Location Map |
| Figure 2 | Site Plan with Subslab Vapor Points |
| Attachment A | Laboratory Analytical Reports |

# TABLE

1. Summary of Subslab Vapor Analytical Results

**Table 1**
**Summary of Subslab Vapor Analytical Results**
**2303, 2307, 2311, 2315, 2319 Calle Del Mundo,**
Santa Clara, California

| Sample ID | Sample Date | Depth (ft bgs) | VOCs (µg/m3) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Helium | 1,1,2-Trichlorotrifluoroethane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | 4-Ethyltoluene | Acetone | Benzene | Carbon disulfide | Chloroform | Cyclohexane | Dichlorodifluoromethane |
| | | | % | | | | | | | | | | |
| RSS-1 | 2/8/2019 | Sub-Slab | < 0.18% | 1.6 J | 1.4 J | < 4.9 | 1.1 J | 161 | 2.7 J | < 3.1 | 2.4 J | 7.7 | 1.4 J |
| RSS-2 | 2/8/2019 | Sub-Slab | < 0.19% | < 7.7 | 19.4 | 13.9 | 18.4 | 92.6 | **24.8** | 4.6 | **5.8** | 282 | 1.4 J |
| **Commercial/Industrial ESLs (µg/m$^3$)[1]** | | | -- | -- | -- | -- | -- | 4,500,000 | 14 | -- | 18 | -- | -- |
| **Residential ESLs (µg/m$^3$)[1]** | | | -- | -- | -- | -- | -- | 1,100,000 | 3 | -- | 4 | -- | -- |

**Table 1**
**Summary of Subslab Vapor Analytical Results**
**2303, 2307, 2311, 2315, 2319 Calle Del Mundo, Santa Clara, California**

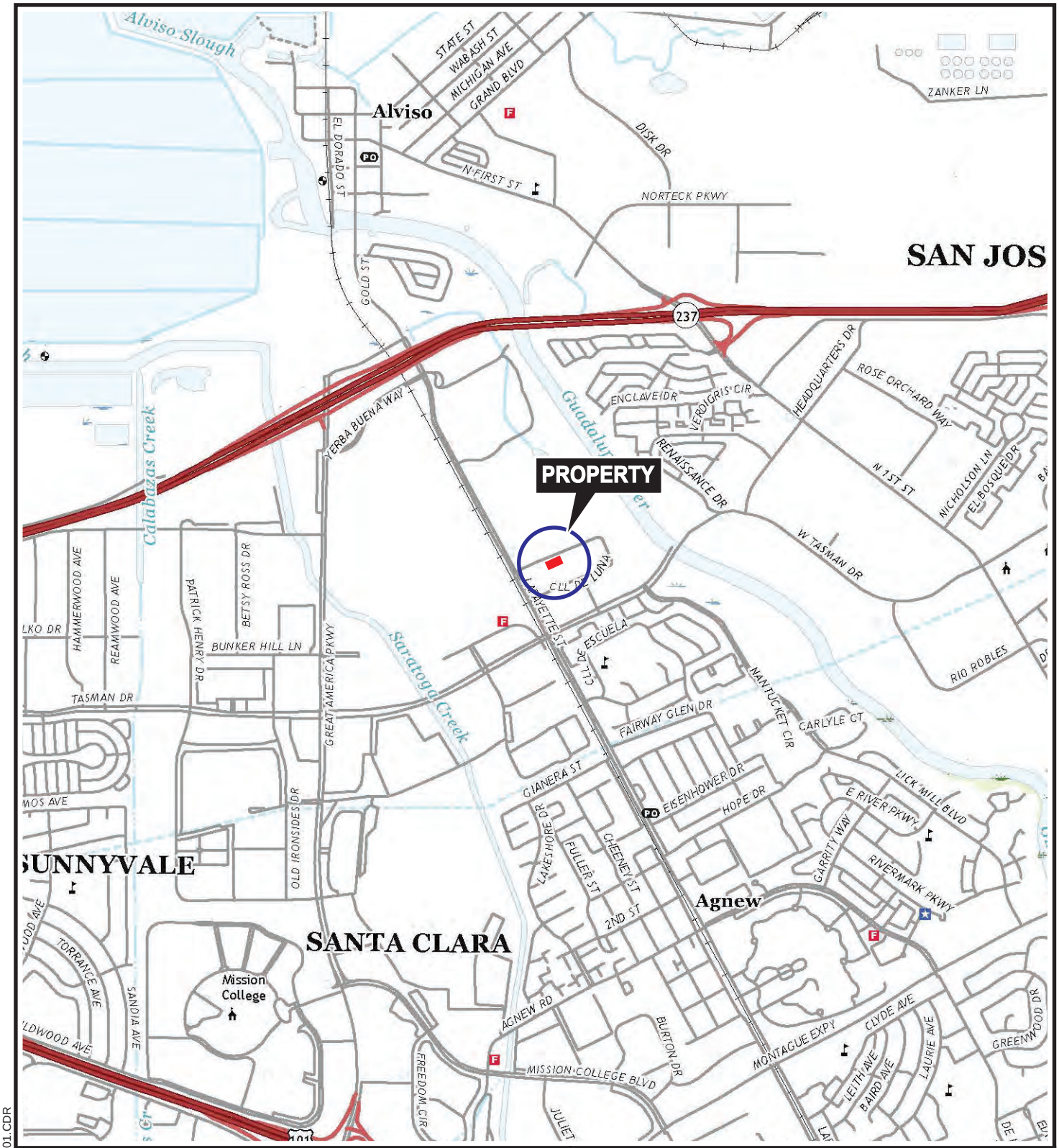
| Sample ID | Sample Date | Depth (ft bgs) | VOCs (µg/m3) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ethylbenzene | Heptane | Hexane | Isopropyl alcohol (IPA) | m and p-Xylene | Methylene chloride | o-Xylene | Toluene | trans-1,2-dichloroethene | Xylenes (Total) | All other analyzed VOCs |
| | | | µg/m$^3$ | | | | | | | | | | |
| RSS-1 | 2/8/2019 | Sub-Slab | < 4.3 | 12.7 | 14.0 | 25.4 | 3.4 J | 11.6 | 1.2 J | 2.4 J | < 4 | 4.6 | ND |
| RSS-2 | 2/8/2019 | Sub-Slab | 9.1 | 853 | 873 | 230 | 44.9 | **44.6** | 12.8 | 37.4 | 2.3 J | 57.7 | ND |
| **Commercial/Industrial ESLs (µg/m$^3$)[1]** | | | 160 | -- | -- | -- | -- | 410 | -- | 44,000 | 12,000 | 15,000 | -- |
| **Residential ESLs (µg/m$^3$)[1]** | | | 37 | -- | -- | -- | -- | 34 | -- | 10,000 | 2,800 | 3,500 | -- |

**Notes:**
Volatile Organic Compounds (VOCs) analyzed United States Environmental Protection Agency method TO-15
Helium analyzed by Modified ASTM D1946-90

<X.X: Not detected at or above reporting limit X.X
- : No applicable ESL
µg/m$^3$: micrograms per cubic meter
ND: Not detected above laboratory reporting limit; specific results available in the laboratory report
Bold text indicates that the concentration exceeds an ESL
[1]San Francisco Bay Area Regional Water Quality Control Board Residential Environmental Screening Levels (ESLs) for Soil Gas updated January 2019.

# FIGURES

1. Site Location Map
2. Site Plan with Subslab Vapor Points




QUADRANGLE LOCATION

N

0 2000'

SOURCE:
USGS; 2018, Milpitas, CA
7.5 Minute Topographic Quadrangle

Title:

# PROPERTY LOCATION MAP

2303, 2307, 2311, 2315 and 2319 CALLE DEL MUNDO,
SANTA CLARA, CALIFORNIA

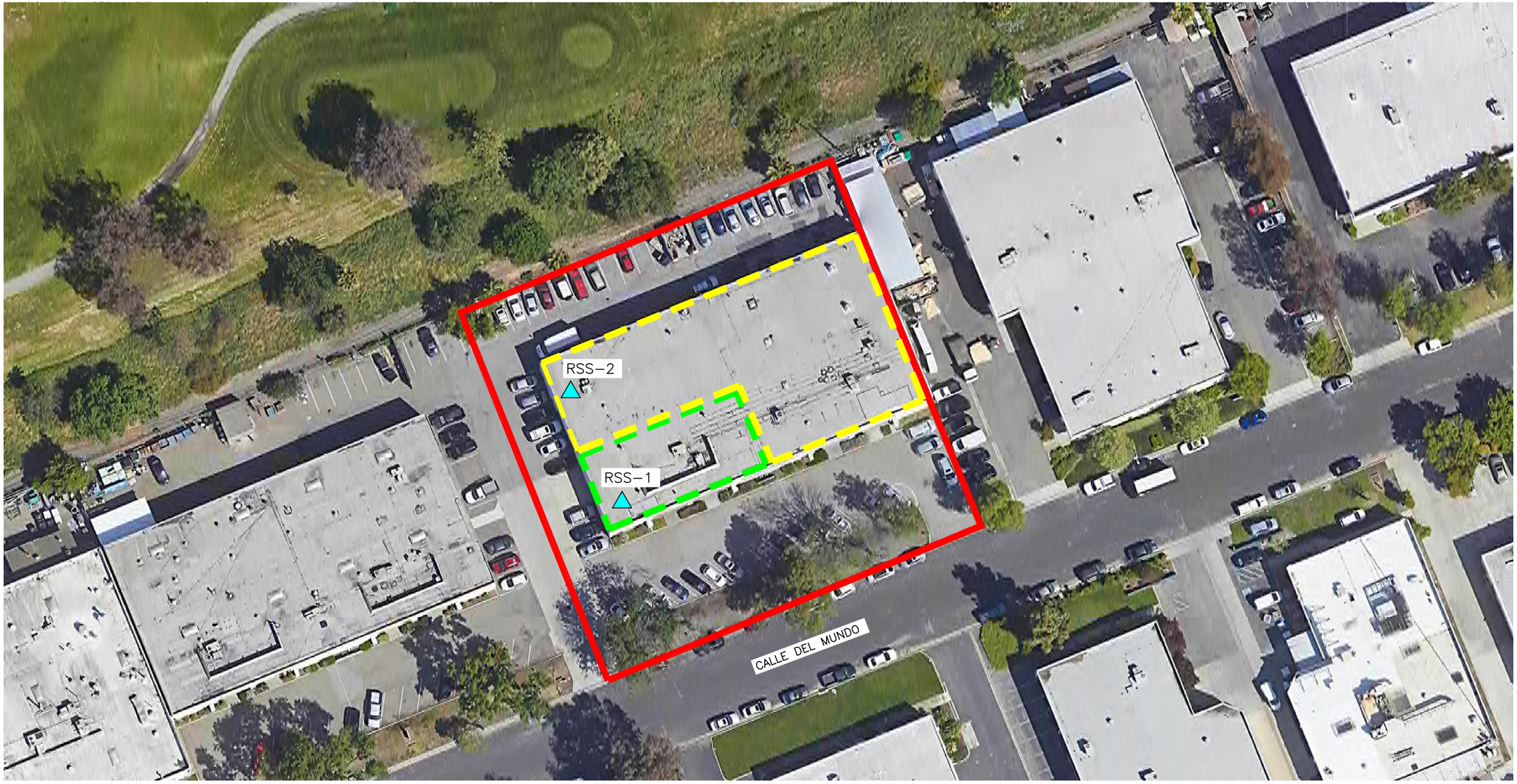
Prepared for:

ENSEMBLE INVESTMENTS

ROUX

| | | |
|---|---|---|
| Compiled by: G.M. | Date: 08FEB19 | FIGURE |
| Prepared by: G.M. | Scale: AS SHOWN | 1 |
| Project Mgr: G.M. | Project: 2760.0003S000 | |
| File: 2760.0003S100.01.CDR | | |

V:\CAD\PROJECTS\2760\0003S\1002760.0003S100.01.CDR




LEGEND

PROPERTY BOUNDARY

PSC ELECTRONICS

DURABRAKE

SOIL VAPOR SAMPLE LOCATIONS (SAMPLED 2/8/2019)

100' 0 100'

N

Title:

**SITE PLAN WITH SUB-SLAB VAPOR POINTS**

2303 CALLE DEL MUNDO
SANTA CLARA, CALIFORNIA

Prepared For:

ENSEMBLE INVESTMENTS

ROUX
ROUX ASSOCIATES, INC.
*Environmental Consulting & Management*

| | | |
|---|---|---|
| Compiled by: DRF | Date: 13FEB19 | FIGURE |
| Prepared by: DRF | Scale: AS SHOWN | 2 |
| Project Mgr: CP | Project: | |
| File: FIG2 – SITE PLAN.DWG | | |

S:\OAKLAND\DIXON PROJECTS\ENSEMBLE INVESTMENTS\PARCEL 61 – 2303 CALLE DE MUNDO\PHASE II REPORT\FIGURES\CAD\FIG2 – SITE PLAN.DWG

# ATTACHMENTS

A. Laboratory Analytical Reports

# ATTACHMENT A

Laboratory Analytical Reports

ea

ENTHALPY

ANALYTICAL

# Enthalpy Analytical

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

**Laboratory Job Number 307104**
**ANALYTICAL REPORT**

| | |
|---|---|
| Roux Associates<br>555 12th St.<br>Oakland, CA 94607 | Project : 2760.0003 5000<br>Location : Ensemble Parcel 61<br>Level : II |

| Sample ID | Lab ID |
|---|---|
| RSS-1 | 307104-001 |
| RSS-2 | 307104-002 |

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 02/13/2019

Haley Campbell
Project Manager
haley.campbell@enthalpy.com

CA ELAP# 2896, NELAP# 4044-001

ENTHALPY ANALYTICAL

# CASE NARRATIVE

| | |
|---|---|
| Laboratory number: | **307104** |
| Client: | **Roux Associates** |
| Project: | **2760.0003 5000** |
| Location: | **Ensemble Parcel 61** |
| Request Date: | **02/08/19** |
| Samples Received: | **02/08/19** |

This data package contains sample and QC results for two air samples, requested for the above referenced project on 02/08/19. The samples were received intact.

**Volatile Organics in Air by MS (EPA TO-15):**
Enthalpy Analytical (Orange) in Orange, CA performed the analysis (NELAP certified). Please see the Enthalpy Analytical (Orange) case narrative.

**Volatile Organics in Air GC (ASTM D1946-90):**
No analytical problems were encountered.

307104

**Enthalpy Analytical LLC**
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

# AIR TESTING - CHAIN OF CUSTODY
## & PURCHASE ORDER


Chain of Custody # :

C&T LOGIN # 307104

Project No: 2760.0403 5000
Project Name: Ensemble Parcel 61
EDD Format: _____ Rpt Level: II III IV
Turnaround Time: ☒ RUSH 24 HR ☐ Standard

Sampler: Daniel Fleege
Report To: Christine Pilachowski
Company: Roux Associates
Telephone: 415-967-6034
Email: cpilachowski@rouxinc.com

| Lab No. | Sample ID. | Sampling Information: Date Collected | Time Collected | Canister ID (Bar Code #) | Flow Controller ID | Sample Volume (Gauge Reading) | TESTING REQUESTED: TO-15 | Helium | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | RSS-1 | 2/8/19 | 14:30 | 067 | 126 | -5 in Hg | X | X | | | |
| | RSS-2 | 2/8/19 | 13:53 | 380 | 259 | -5 in Hg | X | X | | | |

Notes:

| RELINQUISHED BY: | RECEIVED BY: |
|---|---|
| 2/8/2019 / 17:04 DATE/TIME | 2-8-19 17:04 DATE/TIME |
| DATE/TIME | DATE/TIME |
| DATE/TIME | DATE/TIME |

**SAMPLE RECEIPT CHECKLIST**

**Section 1:** Login # 307104 Client: ROUX

Date Received: 02/08/19 Project: 2760.0003 5000

ENTHALPY ANALYTICAL

**Section 2:** Samples received in a cooler? ☐ Yes, how many? _____ ☑ No (skip Section 3 below)

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ A, or ☐ B

☐ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened _____ By (print)_____ (sign)_____

Shipping Info (if applicable) _____

Are custody seals present? ☐ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☑ N/A

**Section 3:** ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe)_____

☐ Bubble Wrap, ☐ Foam blocks, ☐ Bags, ☐ None, ☐ Cloth material, ☑ Cardboard, ☐ Styrofoam, ☐ Paper towels

☐ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☐ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID:_____, or IR Gun # ☐ A ☐ B

Cooler Temp (°C): #1: _____, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

| **Section 4:** | YES | NO | N/A |
|---|---|---|---|
| Were custody papers dry, filled out properly, and the project identifiable | X | | |
| Were Method 5035 sampling containers present? | | X | |
| If YES, what time were they transferred to freezer?_____ | | | |
| Did all bottles arrive unbroken/unopened? | X | | |
| Are there any missing / extra samples? | | X | |
| Are samples in the appropriate containers for indicated tests? | X | | |
| Are sample labels present, in good condition and complete? | X | | |
| Does the container count match the COC? | X | | |
| Do the sample labels agree with custody papers? | X | | |
| Was sufficient amount of sample sent for tests requested? | X | | |
| Did you change the hold time in LIMS for unpreserved VOAs? | | | X |
| Did you change the hold time in LIMS for preserved terracores? | | | X |
| Are bubbles > 6mm absent in VOA samples? | | | X |
| Was the client contacted concerning this sample delivery? | | X | |
| If YES, who was called?_____ By_____ Date:_____ | | | |

| **Section 5:** | YES | NO | N/A |
|---|---|---|---|
| Are the samples appropriately preserved? (If N/A, skip the rest of section 5) | | | |
| Did you check preservatives for all bottles for each sample? | | | |
| Did you document your preservative check? | | | |

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

**Section 6:**

Explanations/Comments: _____

**Date Logged in** 02/08/19 **By (print)** BNL **(sign)** [signature]

**Date Labeled** ↓ **By (print)** ↓ **(sign)** ↓

**Laboratory Job Number 307104**

**Subcontracted Products**

**Enthalpy Analytical (Orange)**

**Enthalpy Analytical, LLC**
*931 W. Barkley Ave - Orange, CA 92868*
*Tel: (714)771-6900 Fax: (714)538-1209*
*www.enthalpy.com*
*info-sc@enthalpy.com*

MONTROSE ENVIRONMENTAL

| | | | |
|---|---|---|---|
| Client: | Enthalpy - Berkeley | Lab Request: | 412236 |
| Address: | 2323 Fifth Street<br>Berkeley, CA 94710 | Report Date: | 02/12/2019 |
| | | Date Received: | 02/11/2019 |
| | | Client ID: | 15279 |
| Attn: | John Goyette | | |
| Comments: | Project Number: 307104<br>Site: Ensemble Parcel 61 | | |

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

| Sample # | Client Sample ID |
|---|---|
| 412236-001 | RSS-1 |
| 412236-002 | RSS-2 |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

*Report Review performed by: Lisa Nguyen, PM*

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

| | | | | | |
|---|---|---|---|---|---|
| **Matrix:** | Air | **Client:** | Enthalpy - Berkeley | **Collector:** | Client |
| **Sampled:** | 02/08/2019 14:30 | **Site:** | | | |
| **Sample #:** | **412236-001** | **Client Sample #:** | RSS-1 | **Sample Type:** | |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed | By | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15 Prep Method: Method | | | | | | | QCBatchID: QC1211130 | | |
| 1,1,1-Trichloroethane | ND | 1 | 1.1 | 5.5 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,1,2,2-Tetrachloroethane | ND | 1 | 1.38 | 6.9 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,1,2-Trichloroethane | ND | 1 | 1.1 | 5.5 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **1,1,2-Trichlorotrifluoroethane** | **1.6 J** | 1 | 1.54 | 7.7 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| 1,1-Dichloroethane | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,1-Dichloroethene | ND | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,2,4-Trichlorobenzene | ND | 1 | 1.48 | 7.4 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **1,2,4-Trimethylbenzene** | **1.4 J** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| 1,2-Dibromoethane | ND | 1 | 1.54 | 7.7 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | ND | 1 | 1.4 | 7 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,2-Dichlorobenzene | ND | 1 | 1.2 | 6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,2-Dichloroethane | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,2-Dichloropropane | ND | 1 | 0.92 | 4.6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,3,5-Trimethylbenzene | ND | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,3-Butadiene | ND | 1 | 0.44 | 2.2 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,3-Dichlorobenzene | ND | 1 | 1.2 | 6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,4-Dichlorobenzene | ND | 1 | 1.2 | 6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 2-Butanone (MEK) | ND | 1 | 7.4 | 14.8 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 2-Hexanone | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **4-Ethyltoluene** | **1.1 J** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| 4-Methyl-2-pentanone (MIBK) | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Acetone** | **161** | 1 | 5.9 | 11.8 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Benzene** | **2.7 J** | 1 | 0.64 | 3.2 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| Benzyl Chloride | ND | 1 | 1.04 | 5.2 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Bromodichloromethane | ND | 1 | 1.34 | 6.7 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Bromoform | ND | 1 | 2.06 | 10.3 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Bromomethane | ND | 1 | 0.78 | 3.9 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Carbon disulfide | ND | 1 | 0.62 | 3.1 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Carbon Tetrachloride | ND | 1 | 1.26 | 6.3 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Chlorobenzene | ND | 1 | 0.92 | 4.6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Chloroethane | ND | 1 | 0.52 | 2.6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Chloroform** | **2.4 J** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| Chloromethane | ND | 1 | 0.42 | 2.1 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| cis-1,2-Dichloroethene | ND | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| cis-1,3-dichloropropene | ND | 1 | 0.9 | 4.5 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Cyclohexane** | **7.7** | 1 | 0.68 | 3.4 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Dichlorodifluoromethane** | **1.4 J** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| Ethylbenzene | ND | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Heptane** | **12.7** | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Hexachlorobutadiene | ND | 1 | 2.14 | 10.7 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Hexane** | **14.0** | 1 | 0.7 | 3.5 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Isopropyl alcohol (IPA)** | **25.4** | 1 | 6.1 | 12.2 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **m and p-Xylene** | **3.4 J** | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| **Methylene chloride** | **11.6** | 1 | 0.7 | 3.5 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Methyl-t-butyl Ether (MTBE) | ND | 1 | 0.72 | 3.6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **o-Xylene** | **1.2 J** | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| Styrene | ND | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Tetrachloroethene | ND | 1 | 1.36 | 6.8 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Toluene** | **2.4 J** | 1 | 0.76 | 3.8 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| trans-1,2-dichloroethene | ND | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| trans-1,3-dichloropropene | ND | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Trichloroethene | ND | 1 | 1.08 | 5.4 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Trichlorofluoromethane | ND | 1 | 1.12 | 5.6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Vinyl acetate | ND | 1 | 8.8 | 17.6 | ug/m3 | | 02/11/19 20:05 | ZZ | |

| | | | | | |
|---|---|---|---|---|---|
| **Matrix:** | Air | **Client:** | Enthalpy - Berkeley | **Collector:** | Client |
| **Sampled:** | 02/08/2019 14:30 | **Site:** | | | |
| **Sample #:** | **412236-001** | **Client Sample #:** | RSS-1 | **Sample Type:** | |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed | By | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Vinyl Chloride | ND | 1 | 0.52 | 2.6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Xylenes (Total)** | **4.6** | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:05 | ZZ | |

| *Surrogate* | *% Recovery* | *Limits* | *Notes* |
|---|---|---|---|
| *4-Bromofluorobenzene (SUR)* | *101* | *60-140* | |

| | | | | | |
|---|---|---|---|---|---|
| **Matrix:** | Air | **Client:** | Enthalpy - Berkeley | **Collector:** | Client |
| **Sampled:** | 02/08/2019 15:53 | **Site:** | | | |
| **Sample #:** | **412236-002** | **Client Sample #:** | RSS-2 | **Sample Type:** | |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed | By | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15 Prep Method: Method | | | | | | | QCBatchID: QC1211130 | | |
| 1,1,1-Trichloroethane | ND | 1 | 1.1 | 5.5 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,1,2,2-Tetrachloroethane | ND | 1 | 1.38 | 6.9 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,1,2-Trichloroethane | ND | 1 | 1.1 | 5.5 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,1,2-Trichlorotrifluoroethane | ND | 1 | 1.54 | 7.7 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,1-Dichloroethane | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,1-Dichloroethene | ND | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,2,4-Trichlorobenzene | ND | 1 | 1.48 | 7.4 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **1,2,4-Trimethylbenzene** | **19.4** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,2-Dibromoethane | ND | 1 | 1.54 | 7.7 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | ND | 1 | 1.4 | 7 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,2-Dichlorobenzene | ND | 1 | 1.2 | 6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,2-Dichloroethane | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,2-Dichloropropane | ND | 1 | 0.92 | 4.6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **1,3,5-Trimethylbenzene** | **13.9** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,3-Butadiene | ND | 1 | 0.44 | 2.2 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,3-Dichlorobenzene | ND | 1 | 1.2 | 6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,4-Dichlorobenzene | ND | 1 | 1.2 | 6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 2-Butanone (MEK) | ND | 1 | 7.4 | 14.8 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 2-Hexanone | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **4-Ethyltoluene** | **18.4** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 4-Methyl-2-pentanone (MIBK) | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Acetone** | **92.6** | 1 | 5.9 | 11.8 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Benzene** | **24.8** | 1 | 0.64 | 3.2 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Benzyl Chloride | ND | 1 | 1.04 | 5.2 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Bromodichloromethane | ND | 1 | 1.34 | 6.7 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Bromoform | ND | 1 | 2.06 | 10.3 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Bromomethane | ND | 1 | 0.78 | 3.9 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Carbon disulfide** | **4.6** | 1 | 0.62 | 3.1 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Carbon Tetrachloride | ND | 1 | 1.26 | 6.3 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Chlorobenzene | ND | 1 | 0.92 | 4.6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Chloroethane | ND | 1 | 0.52 | 2.6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Chloroform** | **5.8** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Chloromethane | ND | 1 | 0.42 | 2.1 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| cis-1,2-Dichloroethene | ND | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| cis-1,3-dichloropropene | ND | 1 | 0.9 | 4.5 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Cyclohexane** | **282** | 5 | 3.4 | 17 | ug/m3 | | 02/11/19 22:15 | ZZ | |
| **Dichlorodifluoromethane** | **1.4 J** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:51 | ZZ | J |
| **Ethylbenzene** | **9.1** | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Heptane** | **853** | 5 | 4.1 | 20.5 | ug/m3 | | 02/11/19 22:15 | ZZ | |
| Hexachlorobutadiene | ND | 1 | 2.14 | 10.7 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Hexane** | **873** | 5 | 3.5 | 17.5 | ug/m3 | | 02/11/19 22:15 | ZZ | |
| **Isopropyl alcohol (IPA)** | **230** | 5 | 30.5 | 61 | ug/m3 | | 02/11/19 22:15 | ZZ | |
| **m and p-Xylene** | **44.9** | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Methylene chloride** | **44.6** | 1 | 0.7 | 3.5 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Methyl-t-butyl Ether (MTBE) | ND | 1 | 0.72 | 3.6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **o-Xylene** | **12.8** | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Styrene | ND | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Tetrachloroethene | ND | 1 | 1.36 | 6.8 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Toluene** | **37.4** | 1 | 0.76 | 3.8 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **trans-1,2-dichloroethene** | **2.3 J** | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:51 | ZZ | J |
| trans-1,3-dichloropropene | ND | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Trichloroethene | ND | 1 | 1.08 | 5.4 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Trichlorofluoromethane | ND | 1 | 1.12 | 5.6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Vinyl acetate | ND | 1 | 8.8 | 17.6 | ug/m3 | | 02/11/19 20:51 | ZZ | |

| | | | | | |
|---|---|---|---|---|---|
| **Matrix:** | Air | **Client:** | Enthalpy - Berkeley | **Collector:** | Client |
| **Sampled:** | 02/08/2019 15:53 | **Site:** | | | |
| **Sample #:** | **412236-002** | **Client Sample #:** | RSS-2 | **Sample Type:** | |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed | By | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Vinyl Chloride | ND | 1 | 0.52 | 2.6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Xylenes (Total)** | **57.7** | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:51 | ZZ | |

| *Surrogate* | *% Recovery* | *Limits* | *Notes* |
|---|---|---|---|
| *4-Bromofluorobenzene (SUR)* | *104* | *60-140* | |

| QCBatchID: QC1211130 | Analyst: nicollez | Method: EPA TO-15 |
|---|---|---|
| Matrix: Air | Analyzed: 02/11/2019 | Instrument: VOA-MS (group) |

## *Blank Summary*

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---|---|---|---|---|---|
| **QC1211130MB1** | | | | | |
| 1,1,1-Trichloroethane | ND | ug/L | 0.0011 | 0.0055 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 0.00138 | 0.0069 | |
| 1,1,2-Trichloroethane | ND | ug/L | 0.0011 | 0.0055 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ug/L | 0.00154 | 0.0077 | |
| 1,1-Dichloroethane | ND | ug/L | 0.00082 | 0.0041 | |
| 1,1-Dichloroethene | ND | ug/L | 0.0008 | 0.004 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 0.00148 | 0.0074 | |
| 1,2,4-Trimethylbenzene | ND | ug/L | 0.00098 | 0.0049 | |
| 1,2-Dibromoethane | ND | ug/L | 0.00154 | 0.0077 | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | ND | ug/L | 0.0014 | 0.007 | |
| 1,2-Dichlorobenzene | ND | ug/L | 0.0012 | 0.006 | |
| 1,2-Dichloroethane | ND | ug/L | 0.00082 | 0.0041 | |
| 1,2-Dichloropropane | ND | ug/L | 0.00092 | 0.0046 | |
| 1,3,5-Trimethylbenzene | ND | ug/L | 0.00098 | 0.0049 | |
| 1,3-Butadiene | ND | ug/L | 0.00044 | 0.0022 | |
| 1,3-Dichlorobenzene | ND | ug/L | 0.0012 | 0.006 | |
| 1,4-Dichlorobenzene | ND | ug/L | 0.0012 | 0.006 | |
| 1,4-Dioxane | ND | ug/L | 0.00072 | 0.0036 | |
| 2-Butanone (MEK) | ND | ug/L | 0.0074 | 0.01475 | |
| 2-Hexanone | ND | ug/L | 0.00082 | 0.0041 | |
| 4-Ethyltoluene | ND | ug/L | 0.00098 | 0.0049 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 0.00082 | 0.0041 | |
| Acetone | ND | ug/L | 0.005925 | 0.01185 | |
| Benzene | ND | ug/L | 0.00064 | 0.0032 | |
| Benzyl Chloride | ND | ug/L | 0.00104 | 0.0062 | |
| Bromodichloromethane | ND | ug/L | 0.00134 | 0.0067 | |
| Bromoform | ND | ug/L | 0.00206 | 0.0103 | |
| Bromomethane | ND | ug/L | 0.00078 | 0.0039 | |
| Carbon disulfide | ND | ug/L | 0.00062 | 0.0031 | |
| Carbon Tetrachloride | ND | ug/L | 0.00126 | 0.0063 | |
| Chlorobenzene | ND | ug/L | 0.00092 | 0.0046 | |
| Chlorodibromomethane | ND | ug/L | 0.0017 | 0.0085 | |
| Chloroethane | ND | ug/L | 0.00052 | 0.0026 | |
| Chloroform | ND | ug/L | 0.00098 | 0.0049 | |
| Chloromethane | ND | ug/L | 0.00042 | 0.0021 | |
| cis-1,2-Dichloroethene | ND | ug/L | 0.0008 | 0.004 | |
| cis-1,3-dichloropropene | ND | ug/L | 0.0009 | 0.0045 | |
| Cyclohexane | ND | ug/L | 0.00068 | 0.0034 | |
| Dichlorodifluoromethane | ND | ug/L | 0.00098 | 0.0049 | |
| Ethanol | ND | ug/L | 0.00471 | 0.0094 | |
| Ethyl Acetate | ND | ug/L | 0.00036 | 0.0036 | |
| Ethylbenzene | ND | ug/L | 0.00086 | 0.0043 | |
| Heptane | ND | ug/L | 0.00082 | 0.0041 | |
| Hexachlorobutadiene | ND | ug/L | 0.00214 | 0.0102 | |
| Hexane | ND | ug/L | 0.0007 | 0.0035 | |
| Isopropyl alcohol (IPA) | ND | ug/L | 0.00612 | 0.0122 | |
| m and p-Xylene | ND | ug/L | 0.00086 | 0.0043 | |
| Methylene chloride | ND | ug/L | 0.0007 | 0.0035 | |
| Methyl-t-butyl Ether (MTBE) | ND | ug/L | 0.00072 | 0.0036 | |
| o-Xylene | ND | ug/L | 0.00086 | 0.0043 | |
| Propene | ND | ug/L | 0.00034 | 0.0017 | |
| Styrene | ND | ug/L | 0.00086 | 0.0043 | |

| QCBatchID: QC1211130 | Analyst: nicollez | Method: EPA TO-15 |
|---|---|---|
| Matrix: Air | Analyzed: 02/11/2019 | Instrument: VOA-MS (group) |

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---|---|---|---|---|---|
| **QC1211130MB1** | | | | | |
| Tetrachloroethene | ND | ug/L | 0.00136 | 0.0068 | |
| Toluene | ND | ug/L | 0.00076 | 0.0038 | |
| trans-1,2-dichloroethene | ND | ug/L | 0.0008 | 0.004 | |
| trans-1,3-dichloropropene | ND | ug/L | 0.0008 | 0.004 | |
| Trichloroethene | ND | ug/L | 0.00108 | 0.0054 | |
| Trichlorofluoromethane | ND | ug/L | 0.00112 | 0.0056 | |
| Vinyl acetate | ND | ug/L | 0.00175 | 0.0035 | |
| Vinyl Chloride | ND | ug/L | 0.00052 | 0.0026 | |
| Xylenes (Total) | ND | ug/L | 0.00086 | 0.0043 | |

## *Duplicate Summary*

| Analyte | Sample Amount | Duplicate Amount | Units | RPD | Limits RPD | Notes |
|---|---|---|---|---|---|---|
| **QC1211130DUP1** | | | | | | **Source: 412202-005** |
| 1,1,1-Trichloroethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,1,2,2-Tetrachloroethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,1,2-Trichloroethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,1-Dichloroethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,1-Dichloroethene | ND | ND | ug/L | 0.0 | 30 | |
| 1,2,4-Trichlorobenzene | ND | ND | ug/L | 0.0 | 30 | |
| 1,2,4-Trimethylbenzene | ND | ND | ug/L | 0.0 | 30 | |
| 1,2-Dibromoethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,2-Dichlorobenzene | ND | ND | ug/L | 0.0 | 30 | |
| 1,2-Dichloroethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,2-Dichloropropane | ND | ND | ug/L | 0.0 | 30 | |
| 1,3,5-Trimethylbenzene | ND | ND | ug/L | 0.0 | 30 | |
| 1,3-Butadiene | ND | ND | ug/L | 0.0 | 30 | |
| 1,3-Dichlorobenzene | ND | ND | ug/L | 0.0 | 30 | |
| 1,4-Dichlorobenzene | ND | ND | ug/L | 0.0 | 30 | |
| 1,4-Dioxane | ND | ND | ug/L | 0.0 | 30 | |
| 2-Butanone (MEK) | ND | ND | ug/L | 0.0 | 30 | |
| 2-Hexanone | ND | ND | ug/L | 0.0 | 30 | |
| 4-Ethyltoluene | ND | ND | ug/L | 0.0 | 30 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ND | ug/L | 0.0 | 30 | |
| Acetone | ND | ND | ug/L | 0.0 | 30 | |
| Benzene | ND | ND | ug/L | 0.0 | 30 | |
| Benzyl Chloride | ND | ND | ug/L | 0.0 | 30 | |
| Bromodichloromethane | ND | ND | ug/L | 0.0 | 30 | |
| Bromoform | ND | ND | ug/L | 0.0 | 30 | |
| Bromomethane | ND | ND | ug/L | 0.0 | 30 | |
| Carbon disulfide | ND | ND | ug/L | 0.0 | 30 | |
| Carbon Tetrachloride | ND | ND | ug/L | 0.0 | 30 | |
| Chlorobenzene | ND | ND | ug/L | 0.0 | 30 | |
| Chlorodibromomethane | ND | ND | ug/L | 0.0 | 30 | |
| Chloroethane | ND | ND | ug/L | 0.0 | 30 | |
| Chloroform | ND | ND | ug/L | 0.0 | 30 | |
| Chloromethane | ND | ND | ug/L | 0.0 | 30 | |
| cis-1,2-Dichloroethene | ND | ND | ug/L | 0.0 | 30 | |
| cis-1,3-dichloropropene | ND | ND | ug/L | 0.0 | 30 | |
| Cyclohexane | ND | ND | ug/L | 0.0 | 30 | |
| Dichlorodifluoromethane | ND | ND | ug/L | 0.0 | 30 | |

| QCBatchID: QC1211130 | Analyst: nicollez | Method: EPA TO-15 |
|---|---|---|
| Matrix: Air | Analyzed: 02/11/2019 | Instrument: VOA-MS (group) |

| Analyte | Sample Amount | Duplicate Amount | Units | RPD | Limits RPD | Notes |
|---|---|---|---|---|---|---|
| **QC1211130DUP1** | | | | | | **Source: 412202-005** |
| Ethanol | ND | ND | ug/L | 0.0 | 30 | |
| Ethyl Acetate | ND | ND | ug/L | 0.0 | 30 | |
| Ethylbenzene | ND | ND | ug/L | 0.0 | 30 | |
| Heptane | ND | ND | ug/L | 0.0 | 30 | |
| Hexachlorobutadiene | ND | ND | ug/L | 0.0 | 30 | |
| Hexane | 0.0093 | 0.0086 | ug/L | 7.8 | 30 | |
| Isopropyl alcohol (IPA) | ND | ND | ug/L | 0.0 | 30 | |
| m and p-Xylene | 0.012 | 0.012 | ug/L | 0.0 | 30 | |
| Methylene chloride | 0.0031 | 0.0028 | ug/L | 10.2 | 30 | |
| Methyl-t-butyl Ether (MTBE) | ND | ND | ug/L | 0.0 | 30 | |
| o-Xylene | ND | ND | ug/L | 0.0 | 30 | |
| Propene | ND | ND | ug/L | 0.0 | 30 | |
| Styrene | ND | ND | ug/L | 0.0 | 30 | |
| Tetrachloroethene | ND | ND | ug/L | 0.0 | 30 | |
| Toluene | 0.019 | 0.019 | ug/L | 0.0 | 30 | |
| trans-1,2-dichloroethene | ND | ND | ug/L | 0.0 | 30 | |
| trans-1,3-dichloropropene | ND | ND | ug/L | 0.0 | 30 | |
| Trichloroethene | ND | ND | ug/L | 0.0 | 30 | |
| Trichlorofluoromethane | ND | ND | ug/L | 0.0 | 30 | |
| Vinyl acetate | ND | ND | ug/L | 0.0 | 30 | |
| Vinyl Chloride | ND | ND | ug/L | 0.0 | 30 | |
| Xylenes (Total) | 0.012 | 0.012 | ug/L | 0.0 | 30 | |

# Data Qualifiers and Definitions

## Qualifiers

| | |
|---|---|
| **A** | See Report Comments. |
| **B** | Analyte was present in an associated method blank. |
| **B1** | Analyte was present in a sample and associated method blank greater than MDL but less than RDL. |
| **BQ1** | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| **BQ2** | No valid test replicates. |
| **BQ3** | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| **BQ4** | Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch. |
| **BQ5** | Minor Dissolved Oxygen loss was observed in the blank water check. |
| **C** | Possible laboratory contamination. |
| **D** | RPD was not within control limits. The sample data was reported without further clarification. |
| **D1** | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| **D2** | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| **D3** | Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions. |
| **DW** | Sample result is calculated on a dry weigh basis. |
| **E** | Concentration is estimated because it exceeds the quantification limits of the method. |
| **I** | The sample was read outside of the method required incubation period. |
| **IR** | Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification. |
| **J** | Reported value is estimated |
| **L** | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| **L2** | LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch. |
| **M** | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| **M1** | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| **M2** | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| **N1** | Sample chromatography does not match the specified TPH standard pattern. |
| **NC** | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| **P** | Sample was received without proper preservation according to EPA guidelines. |
| **P1** | Temperature of sample storage refrigerator was out of acceptance limits. |
| **P2** | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| **P3** | Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low. |
| **Q1** | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| **Q2** | Analyte calibration was not verified and the result was estimated. |
| **Q3** | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| **S** | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| **S1** | The associated surrogate recovery was out of control limits; result is estimated. |
| **S2** | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| **S3** | Internal Standard did not meet recovery limits. Analyte concentration is estimated. |
| **T** | Sample was extracted/analyzed past the holding time. |
| **T1** | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| **T2** | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| **T3** | Sample received and analyzed out of hold time per client's request. |
| **T4** | Sample was analyzed out of hold time per client's request. |
| **T5** | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| **T6** | Hold time is indeterminable due to unspecified sampling time. |
| **T7** | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

## Definitions

| | |
|---|---|
| **DF** | Dilution Factor |
| **MDL** | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| **ND** | Analyte was not detected or was less than the detection limit. |
| **NR** | Not Reported. See Report Comments. |
| **RDL** | Reporting Detection Limit |
| **TIC** | Tentatively Identified Compounds |

Enthalpy Berkeley

2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900
(510) 486-0532

412236

Project Number: 307104
Site: Ensemble Parcel 61

Subcontract Laboratory:
Enthalpy Analytical (Orange)
931 W Barkley Avenue
Orange, CA 92868
(714) 771-9923
ATTN: Lisa Nguyen

Results due: 02/11/19 Report Level: II

Please send report to: Project Mgmt Team (ClientServices.berkeley@enthalpy.
*** Please report using Sample ID rather than Enthalpy (Berkeley) Lab #.

| Sample ID | Sampled | Matrix | Analysis | Lab # | Comments |
|---|---|---|---|---|---|
| RSS-1 | 02/08 14:30 | Air | TO15 | 307104-001 | |
| RSS-2 | 02/08 15:53 | Air | TO15 | 307104-002 | |

| Notes: | Relinquished By: | Received By: |
|---|---|---|
| | Date/Time: 02/08/19 | Date/Time: 02/11/19 11:35 |
| | Date/Time: | Date/Time: |

Signature on this form constitutes a firm Purchase Order for the services requested above.

ENTHALPY ANALYTICAL

# SAMPLE ACCEPTANCE CHECKLIST

**Section 1**

Client: EA-Berkeley  Project: 307104

Date Received: 2/11/19  Sampler's Name Present: ☐ Yes ☒ No

**Section 2**

Sample(s) received in a cooler? ☐ Yes, How many? _____ ☒ No (skip section 2)  Sample Temp (°C) (No Cooler): ambient

Sample Temp (°C), One from each cooler: #1: _____ #2: _____ #3: _____ #4: _____

*(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)*

Shipping Information: _____

**Section 3**

Was the cooler packed with: ☐ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: _____ #2: _____ #3: _____ #4: _____

| Section 4 | YES | NO | N/A |
|---|---|---|---|
| Was a COC received? | ✓ | | |
| Are sample IDs present? | ✓ | | |
| Are sampling dates & times present? | ✓ | | |
| Is a relinquished signature present? | ✓ | | |
| Are the tests required clearly indicated on the COC? | ✓ | | |
| Are custody seals present? | | ✓ | |
| If custody seals are present, were they intact? | | | ✓ |
| Are all samples sealed in plastic bags? (Recommended for Microbiology samples) | | | ✓ |
| Did all samples arrive intact? If no, indicate in Section 4 below. | ✓ | | |
| Did all bottle labels agree with COC? (ID, dates and times) | ✓ | | |
| Were the samples collected in the correct containers for the required tests? | ✓ | | |
| Are the containers labeled with the correct preservatives? | | | ✓ |
| Is there headspace in the VOA vials greater than 5-6 mm in diameter? | | | ✓ |
| Was a sufficient amount of sample submitted for the requested tests? | ✓ | | |

**Section 5** Explanations/Comments

Air canisters.

**Section 6**

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: [signature] Date: 02/11/19

GSO | GLS

800-322-5555
www.gso.com

**Ship From**
ENTHALPY ANALYTICAL, LLC
PROJECT MANAGEMENT
2323 FIFTH STREET
BERKELEY, CA 94710

**Ship To**
**ENTHALPY ANALYTICAL (ORANGE)**
**LISA NGUYEN**
**931 W BARKLEY AVE.**
**ORANGE, CA 92868**

**COD:** $0.00
**Weight:** 0 lb(s)
**Reference:**

**Delivery Instructions:**

**Signature Type:** STANDARD

**Tracking #: 543733450**

**PDS**

# ORC

# C

## ORANGE

## S92868A

97983809

Print Date: 2/8/2019 6:08 PM

**LABEL INSTRUCTIONS:**

**Do not copy or reprint this label for additional shipments - each package must have a unique barcode.**
Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
Step 2: Fold this page in half.
Step 3: Securely attach this label to your package and do not cover the barcode.

**TERMS AND CONDITIONS:**

By giving us your shipment to deliver, you agree to all of the GSO service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gso.com.

ENTHALPY ANALYTICAL

# Enthalpy Analytical - Berkeley Analytical Report

| | | | |
|---|---|---|---|
| Lab #: | 307104 | Location: | Ensemble Parcel 61 |
| Client: | Roux Associates | Prep: | METHOD |
| Project#: | 2760.0003 5000 | Analysis: | ASTM D1946-90 |
| Analyte: | Helium | Batch#: | 267646 |
| Matrix: | Air | Sampled: | 02/08/19 |
| Units: | ppmv | Received: | 02/08/19 |
| Units (Mol %): | MOL % | Analyzed: | 02/08/19 |

| Field ID | Type | Lab ID | Result | RL | Result (Mol %) | RL | Diln Fac |
|---|---|---|---|---|---|---|---|
| RSS-1 | SAMPLE | 307104-001 | ND | 1,800 | ND | 0.18 | 1.770 |
| RSS-2 | SAMPLE | 307104-002 | ND | 1,900 | ND | 0.19 | 1.850 |
| | BLANK | QC964255 | ND | 1,000 | ND | 0.10 | 1.000 |

ND= Not Detected
RL= Reporting Limit
Result Mol %= Result in Mole Percent

ENTHALPY ANALYTICAL

Batch QC Report

## Enthalpy Analytical - Berkeley Analytical Report

| | | | |
|---|---|---|---|
| Lab #: | 307104 | Location: | Ensemble Parcel 61 |
| Client: | Roux Associates | Prep: | METHOD |
| Project#: | 2760.0003 5000 | Analysis: | ASTM D1946-90 |
| Analyte: | Helium | Diln Fac: | 1.000 |
| Matrix: | Air | Batch#: | 267646 |
| Units: | ppmv | Analyzed: | 02/08/19 |

| Type | Lab ID | Spiked | Result | %REC | Limits | RPD | Lim |
|---|---|---|---|---|---|---|---|
| BS | QC964253 | 100,000 | 116,000 | 116 | 70-130 | | |
| BSD | QC964254 | 100,000 | 115,700 | 116 | 70-130 | 0 | 20 |

RPD= Relative Percent Difference

# AllWest Environmental

# ENVIRONMENTAL SITE ASSESSMENT

## 2263 Calle del Mundo, Santa Clara, CA 95054

PREPARED FOR:

Ensemble Investments Inc.
444 W. Ocean Blvd., #1108
Long Beach, CA 90802

ALLWEST PROJECT 18T023.20
July 10, 2018

PREPARED BY:

Belinda P. Blackie, PE
Project Manager

REVIEWED BY:

Marc D. Cunningham
USEPA Environmental Professional
President

2141 Mission Street, Suite 100 | San Francisco, CA 94110 | 415.391.2510
1520 Brookhollow Drive, Suite 30 | Santa Ana, CA 92705 | 714.541.5303
AllWest Environmental | AllWest1.com

AllWest

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Certified Sanborn Map Report
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# ENVIRONMENTAL SITE ASSESSMENT

## 2263 Calle del Mundo, Santa Clara, CA 95054

## I. EXECUTIVE SUMMARY

AllWest has completed an environmental site assessment of the real property referenced above. This assessment was performed in accordance with the scope and limitations of 40 CFR Part 312 Standards and Practices for All Appropriate Inquiry; Final Rule and ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for the subject property. Any data gaps, exceptions to or deletions from these practices are described in Section IV of this report. AllWest conducted a site visit of the subject property on Thursday, June 28, 2018.

This executive summary is provided solely for the purpose of overview. Any party who relies on this report must read the full report. The executive summary may omit details, any one of which could be crucial to the proper understanding and risk assessment of the subject matter.

The subject property is a rectangular parcel comprising 0.95 acre (41,382 square feet) identified by the assessor's parcel number (APN) 097-05-060. Located on the street's north side the parcel is addressed 2263, 2265, 2273 and 2275 Calle del Mundo, Santa Clara, Santa Clara County, California. The property has approximately 208 feet of street frontage along Calle del Mundo and extends approximately 200 feet to the west from the street frontage.

The subject site is developed with a single-story, light-industrial building totaling 16,600 square feet which occupies approximately 40 percent of the subject property. The remainder of the property includes surface parking and yard areas, driveways and landscaping. The building is occupied for light-industrial purposes by three tenants, Centerline Precision (2265), Global Manufacturing (2273) and Real Pack (2275).

The zoning designation for the subject property is B-Public or Quasi Public; the general plan designation is Light Industrial. The property is located in a generally light-industrial area of Santa Clara. Adjoining sites include a golf course to the north and light-industrial buildings to the west, east and south of Calle del Mundo.

Subject site topography is generally level, at an elevation of approximately 9 feet above mean sea level (msl). Vicinity topography vicinities is also relatively level, with a very gentle slope towards the north-northwest. Depth to ground water is expected to be 5 to 8 feet below ground surface. Ground water flow direction in the immediate vicinity has been documented as variable, but predominantly towards the southeast.

AllWest assessed the site's land use history by reviewing aerial photographs, city directories and other relevant documents. Our review documented agricultural cultivation from as early as 1939 through the late-1940s/early-1950s. Following cessation of agricultural use, the property was undeveloped through 1979. The existing building was constructed on the subject property in 1980. Since construction, tenants have included a variety of machine shops, plumbing and mechanical contractors, electronic component contact manufacturers and an optical/coating company.

Existing property tenants utilize small quantities of hazardous materials, which are stored both inside the building and in exterior storage areas. Materials were limited to approximately 5-gallons each or less of lubricant/coolant, janitorial cleaners, spray paint, alcohol, flux remover and cutting fluid. Propane for forklifts and hot glue for a hot melt sprayer also were present at the property. Evidence of spills or releases of the stored materials was not observed. Based on hazardous materials information obtained from the Santa Clara Fire Department (SCFD), current tenant Centerline Precision previously stored up to 110-gallons of oils, 55 gallons of coolant and 55 gallons of solvent refined light paraffin distillate. Former building tenants were documented as utilizing similar types and quantities of hazardous materials, as well as compressed argon and helium.

Hazardous waste, four 55-gallon drums of used oil/water and one 55-gallon drum of oily debris and absorbent, is generated by existing tenant Centerline Precision. Drums are located within secondary containment in a shed on the northeastern corner of the property. Evidence of significant spills or releases of the stored wastes was not observed. Centerline Precision previously generated small quantities of liquids with halogenated organic compounds/waste solvents. Former building tenants also generated small quantities of liquids with halogenated organic compounds and halogenated solvents, as well as small quantities of waste oil.

Two compressors located adjoining north of the building in the Centerline Precision (2265) yard area appeared to have leaked oil onto the adjoining asphalt surface. Oil staining of the asphalt extended from the compressors across the asphalt to the soil/dry vegetation adjoining north of the property perimeter fence line. Limited surficial staining of soil/dry vegetation adjoining the northern fence line was observed.

No information indicated the current or historical presence of underground storage tanks (USTs) at the subject property.

Based on the age of the building, constructed in 1980, the presence of asbestos-containing materials (ACM) is presumed. Materials observed generally were in good condition. As the building was constructed after the 1978 ban on lead-based paint (LBP), the presence of LBP is not anticipated.

To identify the subject property's potential inclusion on environmental databases and evaluate off-site environmental concerns, AllWest reviewed a site-specific radius report provided by Environmental Data Resources, Inc. (EDR) which searched regulatory agency lists/databases for recorded sites within the industry standard search radii. For small-quantity use of hazardous materials and small-quantity generation of hazardous waste, current and former subject property tenants were included on the HAZNET, RCRIS Small Quantity Generator (SQG), CERS, FINDS and ECHO databases.

EDR's agency database search identified no current or historical releases at the subject property appearing likely to have significantly impacted the underlying soil or ground water. The database listings for use and disposal of small quantities of hazardous materials and hazardous waste by one current and two former building tenants are not of significant concern to the environmental condition of the subject property as the listings are not indicative of a hazardous materials release.

The agency database search identified three surrounding/adjoining sites with groundwater impacted by volatile organic compounds from on-site or undocumented off-site sources. Coatek Inc. at 2272 Calle del Mundo, adjoining the subject property, Richard and Donna Wills Revocable Trust at 2301 Calle de Luna, approximately 0.10 mile from the subject property, and the site at 2278 Calle de Luna, approximately 0.12 mile from the subject property, all are located in an anticipated cross- to down-gradient location. Since the source of the solvents in ground water is unknown subject property ground water may also be impacted. Based on the available information, off-site solvent concentrations are likely beneath Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for evaluation of potential vapor intrusion concerns.

The site adjoining north of the subject property formerly was part of two Santa Clara landfills (All Purpose Landfill at 5400 Lafayette Street and Santa Clara Landfill Disposal at 5410 Lafayette Street). Ground water flow direction at the former landfills was documented to the north-northeast, away from the subject property. Available ground water monitoring data indicated solvent concentrations in ground water in landfill wells near the subject property to be beneath ESLs for evaluation of potential vapor intrusion concerns. Based on the available information, the former landfill sites appear unlikely to have significantly impacted ground water beneath the subject property.

# II. CONCLUSIONS & RECOMMENDATIONS

AllWest has conducted an environmental assessment for the subject property in general accordance with 40 CFR Part 312 Standards and Practices for All Appropriate Inquiry; Final Rule and ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

We have not identified a Recognized Environmental Condition (REC), Controlled REC (CREC) or Historical REC (HREC) at the subject property from its current or historical land use activities.

Although not considered RECs, the following environmental conditions are identified.

Limited surficial staining of soil/dry vegetation adjoining the northern fence line, appearing associated with leakage from compressors located in the Centerline Precision (2265) storage area, was observed. Compressor leaks should be repaired and

leaking fluid cleaned up. Stained soils should be removed followed by verification soil sampling.

Existing and former tenants were documented as utilizing/generating small quantities of materials containing halogenated organic compounds, as well as oil-containing wastes. Based on the use/generation of these materials over the past several decades, residually impacted soil and groundwater should be anticipated. Prior to site redevelopment activities AllWest recommends a subsurface assessment to further reduce environmental uncertainty.

It does not appear that hazardous wastes generated and stored by Centerline Precision are included on the most recent SCFD inventory. Centerline Precision should confirm their inventory is complete.

Based on the construction date for the building, ACM is presumed to be present. Prior to significant renovation or demolition of the building, if planned, an asbestos survey must be conducted. An ACM Operation and Maintenance (O&M) plan should be prepared to manage remaining ACM in place.

The subject property was formerly cultivated with field crops prior to its current improvements. As such, AllWest cannot discount the potential for residual agriculturally-applied compounds, including organochlorine pesticides and metals, to remain present in near-surface soils. We note, however, that if present, residual concentrations were likely reduced during development of the property to levels below regulatory guidelines. Considering the property is covered by the subject building, asphalt parking area and driveways, and landscaping, AllWest assesses the potential for soil contamination from historical land use activities as low. We assess potential impact of the site's historical land use activities on human health as very low. Prior to site redevelopment we recommend a subsurface assessment that would include analysis for pesticides.

# III. ENVIRONMENTAL PROFESSIONALS' DECLARATION

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR 312.10. We have the specific qualifications based on education, training and experience to assess a property of the nature, history, and setting of the subject property.

We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Belinda P. Blackie, PE
Project Manager

Marc D. Cunningham
USEPA Environmental Professional

# IV. SCOPE OF WORK AND LIMITATIONS

This Phase I Environmental Site Assessment (ESA) was prepared in accordance with AllWest's June 2018 proposal with respect to the 2263 Calle del Mundo property located in Santa Clara, California. This assessment was performed in general accordance with industry standard 40 CFR Part 312, except as set forth in the proposal. The work conducted by AllWest is limited to the services agreed to with Ensemble Investments Inc. No other services beyond those explicitly stated should be inferred or are implied.

The objective of this ESA was to evaluate the subject property for conditions indicative of a release or threatened release of hazardous substances on, at, in or to the property. AllWest's professional services were performed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in the location of the subject site at the time of our investigation. This warranty is in lieu of all other warranties, expressed or implied.

Our professional judgment regarding the potential for environmental impacts is based on limited data and our investigation was not intended to be a definitive investigation of contamination at the site. Unless specifically set forth in our proposal, the scope of work did not include ground water or soil sampling, or other subsurface investigations, a strict compliance audit of the site, or a review of the procedures for hazardous material use, waste storage or handling prior to disposal, or for personnel safety and health training and monitoring procedures, analyses of radon, formaldehyde, lead paint, asbestos and other hazardous materials or indoor air quality, occupational health and safety or wetlands surveys.

The purpose of conducting a Phase I ESA is to assess the subject site for conditions indicative of

releases or threatened releases of hazardous substances on, at, in or to the property resulting from its current, historical and surrounding land use activities. As noted in 40 CFR Part 312, Environmental Assessments are purely qualitative with conclusions drawn from a multitude of sources as evaluated by the environmental professional using professional judgment. Since soil and ground water data are typically not generated during assessment activities, report conclusions such as “the site is clean” or alternatively “the site is contaminated” cannot be provided.

Recognizing the limitations of the Phase I methodology, AllWest assesses the potential for site contamination using a four-tier probability scale designated as:

Very Low: 1–5% chance of discovering contamination at the site which would result in regulatory mandated remedial investigation and clean-up;

Low: 10% chance of discovering contamination at the site which would result in regulatory mandated remedial investigation and clean-up;

Moderately Low: 20–30% chance of discovering contamination at the site which would result in regulatory mandated remedial investigation and clean-up; and

Moderate: greater than 30% chance of discovering contamination at the site which would result in regulatory mandated remedial investigation and clean-up.

As defined above, these terms are used throughout the report.

Entities relying on the report should realize that uncertainty of site environmental conditions can be further reduced via soil and ground water sampling. While this option certainly costs additional monies and extends the assessment’s time frame, it also quantitatively documents site conditions which can facilitate future disposition or refinance activities.

Regarding any subsurface investigation, sampling undertaken or subsurface reports reviewed, our opinions are limited to only specific areas and analytes evaluated and AllWest is not accountable for analyte quantities falling below recognized standard detection limits for the laboratory method utilized. AllWest does not warrant or guarantee the subject property suitable for any particular purpose, or certify the subject site as clean or free on contamination. As with any assessment, it is possible that past or existing contamination remains undiscovered.

The professional opinions set forth in this report are based solely upon and limited to AllWest’s visual observations of the site and the immediate site vicinity, and upon AllWest’s interpretations of the readily available historical information, interviews with personnel knowledgeable about the site, and other readily available information. Consequently, this report is complete and accurate only to the extent that cited reports, agency information and recollections of persons interviewed are complete and accurate.

The opinions and recommendations in this report apply to site conditions and features as they existed at time of AllWest’s investigation. They cannot necessarily apply to conditions and features of which AllWest is unaware and has not had the opportunity to evaluate. Future regulatory modifications, agency interpretations, and/or policy changes may also affect the compliance status of the subject property. AllWest has made no attempt to address future financial impacts to the site (e.g., reduced property values) as a result of potential subsurface contaminant migration.

**DATA GAPS:** AllWest has made a good faith effort to obtain information required by 40 CFR Part 312 to formulate a professional opinion. Instances where data gaps occur are detailed within our report with an opinion as to whether the information void is significant, impacting our ability to identify conditions indicative of a release or potential release of hazardous substances. In general, if a data gap is identified by AllWest, it will be discussed in the report’s conclusion section with a recommendation for additional work as necessary.

This Phase I ESA was prepared for the sole and exclusive use of Ensemble Investments Inc., the only intended beneficiary of our work. This report is intended exclusively for the purpose outlined herein and the site location and project indicated and is intended to be used in its entirety. No excerpts may be taken to be representative of the findings of this assessment. The scope of services performed in execution of this investigation may not be appropriate to satisfy other users, and any use or reuse of this document or its findings, conclusions or recommendations presented herein is at the sole risk of the user. This report is not a specification for further work and should not be used to bid out any of the recommendations found within.

# V. ENVIRONMENTAL ISSUES MATRIX

**2263 Calle del Mundo, Santa Clara, CA 95054** **AllWest Project 18T023.20**

| ***On-Site Issues*** | ***Located*** | ***Regulatory Compliance*** | ***MSDS*** | ***Hazmat Permits*** | ***O&M Program*** | ***Repair*** | ***Within 1/4 Mile*** | ***Within 1 Mile*** | ***Recommended Action*** | ***Refer To Section*** |
|---|---|---|---|---|---|---|---|---|---|---|
| 55-Gallon Drums | Yes | | | Yes | | | | | Submit tenant confirmation of complete hazardous waste inventory to SCFD | F.3 |
| Above Ground Tanks | No | | | | | | | | | |
| Underground Tanks | No | | | | | | | | | |
| Evidence of Material Discharge/Release | Yes | | | | | X | | | Repair compressor leaks; clean leaked fluid. Remove stained surficial soils and verify removal. | G.2 |
| Transformers (PCBs) | No | | | | | | | | | |
| Hazardous Materials | Yes | | | Yes | | | | | Submit tenant confirmation of complete hazardous materials inventory to SCFD; subsurface investigation before land use change. | F.2 |
| Hazardous Wastes | | | | | | | | | | F.3 |
| Asbestos Fireproofing | Presumed | | | | Recommend | | | | Sampling prior to renovation or demolition | E.2 |
| Asbestos Bulk Insulation | | | | | | | | | | |
| Asbestos Walls & Ceilings | | | | | | | | | | |
| Asbestos Floors | | | | | | | | | | |
| Lead Based Paints | No | | | | | | | | | |
| Mold | No | | | | | | | | | |
| Air Quality Issues | No | | | | | | | | | |
| Radon | No | | | | | | | | | |
| Historical Contamination | No | | | | | | | | None | G.2 |
| ***Off-Site Issues*** | ***Located*** | ***Regulatory Compliance*** | ***MSDS*** | ***Hazmat Permits*** | ***O&M Program*** | ***Repair*** | ***Within 1/4 Mile*** | ***Within 1 Mile*** | ***Recommended Action*** | ***Refer To Section*** |
| SEMS/NPL Sites | Yes | | | | | | 0/0 | 0/1 | None | H.4/H.1 |
| RCRA TSD Facilities | No | | | | | | | | | |
| EnviroStor | Yes | | | | | | 7 | 22 | None | H.9 |
| CPS-SLIC List | Yes | | | | | | 4 | 5 w/in ½ mile | | H.11 |
| LUST | Yes | | | | | | 2 | 2 w/in ½ mile | None | H.13 |
| Sensitive Ecological Areas | Yes | | | | | | 1 | 2 | None | C.3 |

# VI. ASSESSMENT FINDINGS

## A. GENERAL INFORMATION

1. PURPOSE: This ESA was conducted for Ensemble Investments Inc., which is considering acquisition of the subject property.

   Ensemble Investments Inc. provided no information regarding the relationship of the purchase price to the fair market value, or the potential for a reduction in the property value due to environmental issues.

2. PROPERTY ADDRESS: The street addresses associated with the subject property include 2263, 2265, 2273 and 2275 Calle del Mundo, Santa Clara, Santa Clara County, California 95054. Although 2263 Calle del Mundo is the primary address associated with the property, there is no tenant suite addressed as such.

   For the purposes of this report, Calle del Mundo will be considered south of the subject property.

   The site location is shown on the included figures and within the EDR report contained in Appendix A.

3. ASSESSOR'S PARCEL NUMBERS: According to the Santa Clara County Assessor's office parcel map, the property is identified with Assessor's Parcel Number (APN) 097-05-060.

4. ZONING: The subject property is zoned B – Public or Quasi Public, based on information available through the City of Santa Clara Planning Department (SCPD) website. The general plan designation is Light Industrial. Properties adjoining north, west and east also are zoned B – Public or Quasi Public; property adjoining south is zoned ML – Light Industrial.

   The subject property is located within the Tasman East Area specific plan, per the City of Santa Clara website.

5. FACILITY/SITE DESCRIPTION: AllWest visited the subject property on Thursday, June 28, 2018, and was unaccompanied. Access to the interior of the three tenant suites and associated exterior yard and parking areas was comprehensive. The building roof was not accessed. Adjoining properties were observed from public right-of-ways.

   The subject property is a rectangular parcel comprising 0.95 acre (41,382 square feet). The parcel is located on the north side of Calle del Mundo with approximately 208 feet of street frontage. The parcel extends approximately 200 feet to the west from the street frontage.

   The parcel is developed with a single-story, light-industrial building totaling 16,600 square feet. The building footprint occupies approximately 40 percent of the subject property. The remainder of the property includes surface parking and yard areas, driveways and landscaping.

   Site photographs are included with this report.

6. CURRENT USE OF PROPERTY BY TENANT(S): The building on the subject property is occupied for light-industrial purposes by three tenants. Centerline Precision is a machine shop located in the 2265 Calle del Mundo suite, Global Manufacturing is an electronic cable assembly contract manufacturer located in the 2273 Calle del Mundo suite, and Real Pack is a crate assembly/packaging company located in the 2275 Calle del Mundo suite.

   AllWest's assessment of the site's current use did not encounter data gaps that diminish our ability to provide an opinion on a release or potential release of hazardous substances at the subject property.

7. INTERVIEWS WITH PRESENT PROPERTY OWNER(S): Prior to AllWest's site inspection, we forwarded an environmental questionnaire to Ensemble Investments Inc., the User of this ESA. The questionnaire is used to collect information on past uses and ownerships of the property, and to identify potential conditions that may indicate the presence of releases or threatened releases of hazardous substances at the subject property. The completed questionnaire had not been returned at the time this study was completed.

8. HISTORICAL USE OF THE PROPERTY: Historical documents in the form of aerial photographs, Sanborn maps, topographic maps, city directories and municipal records were reviewed by AllWest. The historical sources were reviewed to evaluate past land use of the site. AllWest attempted to review historical documents as far back in time as the property contained structures or was used for agricultural, residential, commercial, industrial or governmental purposes, and used professional judgment to determine the extent of historical research.

   Aerial photographs covering the years 1939, 1948, 1950, 1956, 1963, 1968, 1974, 1979, 1982, 1993, 1998, 2009, 2012 and 2016 were

reviewed. USGS topographic maps dated 1889, 1897 and 1899 (San Jose, California 15-minute quadrangles) and 1953, 1961, 1968, 1973, 1980, and 2012 (Milpitas, California 7.5-minute quadrangles) were reviewed. A summary of city directories dated from 1922 to 2014 also was reviewed. Historical documents were obtained from EDR of Shelton, Connecticut and are provided in Appendix A. EDR indicated that Sanborn map coverage of the subject property and immediate vicinity was unavailable.

Inspection and environmental records available from City of Santa Clara and Santa Clara County municipal agencies, including the Assessor's Office, Building Department, Planning Department, Fire Department and Environmental Health Department, and other regulatory agencies, were reviewed. A chain-of-title search was not performed for the subject property.

## Aerial Photographs

1939: The subject property was cultivated with field crops. Exact property boundaries were difficult to discern due to the lack of current landmarks.

1948: There were no significant changes from the 1939 photograph.

1950: The subject property was either agriculturally cultivated or undeveloped/fallow.

1956: The subject property appeared undeveloped/fallow.

1963: The subject property appeared undeveloped.

1968: There were no significant changes from the 1963 photograph.

1974: The subject property remained undeveloped, with what appeared to be a trail traversing the southern portion.

1979: The subject property was undeveloped with the trail no longer present.

1982: The existing building was present on the subject property.

1993: There were no significant changes from the 1982 photograph.

1998: There were no significant changes from the 1993 photograph.

2006: There were no significant changes from the 1998 photograph.

2010: There were no significant changes from the 2006 photograph.

2016: There were no significant changes from the 2010 photograph.

## Topographic Maps

There was no development or features of environmental concern depicted on the available topographic maps.

## City Directories

City directory listings for the subject property were available from 1985 to 2014. The following listings were documented for the subject property addresses.

*2263 Calle del Mundo*

1985 & 1986: Cofer Component Processing

1991: COS

1996 & 2001: Howell Electric

*2265 Calle del Mundo*

1985 & 1986: Regco Plumbing Inc.

1991: RNR Machining/RNR Mechanical

1996: RNS Mechanical, Inc.

2001: No listing

2010 & 2014: Centerline Precision Inc.

*2273 Calle del Mundo*

1985: Plas-Tex Enterprises

1986: Vero Custom Optics Inc.

1991: Vero Custom Optics Inc./ES Coating

1996: Z Tech T E

2001: S & S Pre Press

2010 & 2014: Big Bear Automation/Global Electronic Mfg. Co.

*2275 Calle del Mundo*

1985: Future Mill Precision Machining

1986: Clark Precision Sheet Metal Co./Future Mill Precision Machining

1991 - 2014: Clark Precision Sheet Metal Co.

## Municipal Agency Files

SCBD - AllWest searched the City of Santa Clara Building Department (SCBD) on-line permit database for permits issued for the subject property addresses.

1980: Permit to erect new industrial building.

1981, 1989 & 1994: Permits to add electrical to existing industrial building.

SCFD: Santa Clara Fire Department (SCFD) files were requested and provided for review via email. Documents available from the SCFD indicated hazardous material use/hazardous waste generation by current tenant Centerline Precision (2265) and former tenant Clark Precision Sheetmetal (2275). Further discussion of the hazardous materials and wastes is included in Sections F.2 and F.3.

SCCEHD: Hazardous materials-related file information was requested from the Santa Clara County Environmental Health Department (SCCEHD). According to their representative, the SCCEHD has no files for the subject property.

EnviroStor and Geotracker Databases: The California Department of Toxic Substances Control (DTSC) EnviroStor and State Water Resources Control Board (SWRCB) Geotracker databases were reviewed online. The subject property was not included on the databases.

## Summary of Historical Land Use

AllWest's land use history review for the subject property indicated it was agriculturally cultivated from as early as 1939 through the late-1940s/early-1950s. Following cessation of agricultural use, the property appeared undeveloped through 1979.

The existing building, designated as industrial, was constructed on the subject property in 1980. Since construction, tenants have included a variety of machine shops, plumbing and mechanical contractors, electronic component contact manufacturers and an optical/coating company.

Small quantities of hazardous materials and wastes have been stored/generated by tenants of the existing building since construction in 1980.

AllWest's assessment of the subject property's historical land use activities did not encounter any data gaps that diminish our ability to provide an opinion on a release or potential release of hazardous substances at the subject property.

9. CURRENT USE OF THE SURROUNDING PROPERTY: Surrounding land use is primarily light-industrial and public use. Neighboring facilities to the subject property include the following.

   North: Santa Clara Golf and Tennis Club

   South: Calle del Mundo followed by two light-industrial buildings with no visible business names (2262 and 2272 Calle del Mundo); 2262 likely occupied by EC Plating

   West: PSC Electronics (2307 Calle del Mundo)

   East: TMK Manufacturing Inc. (2233 Calle del Mundo)

   The building adjoining south at 2262 Calle del Mundo had visible hazardous materials placarding. Based on business names, adjoining properties to the west and east also may utilize hazardous materials in their operations.

10. HISTORICAL USE OF THE SURROUNDING PROPERTY: AllWest reviewed the previously-referenced historical documents to assess the historical land use in the immediate site area.

## Aerial Photographs

1939: The vicinity was agriculturally cultivated, primarily with field crops west of the Guadalupe River and orchards east of the river.

1948: There were no significant changes from the 1939 photograph, with the exception of a few structures present, primarily along Lafayette Street.

1950: There were no significant changes from the 1948 photograph, with the exception of orchards increased in the vicinity west of the Guadalupe River and additional structures visible a short distance southwest of the subject property along a long driveway off Lafayette Street.

1956: There were no significant changes from the 1950 photograph.

1963: Property adjoining west and south was undeveloped and continuous with the subject property. An increased number of orchards had been planted in the adjoining and immediate vicinity to the east. What appeared to be a landfill adjoined the subject property to the north.

1968: There were no significant changes from the 1963 photograph, with the exception of some of the orchards having been removed to the northeast and landfilling activities less visible to the north.

1974: Calle del Mundo and Calle de Luna had been constructed in the existing locations. Properties along the streets were undeveloped. The Guadalupe River had been channelized a short distance east. Multi-family residential buildings had been constructed a short distance south. The property adjoining north included a series of winding dirt trails/roads with a few ponds present. A dirt driveway adjoined the subject property to the north.

1979: Existing light-industrial buildings had been constructed adjoining west, southwest and southeast. Property adjoining north appeared undeveloped with a berm present adjoining north of the northern property line.

1982: Additional light-industrial buildings had been constructed along Calle del Mundo and Calle de Luna. Property adjoining north appeared utilized for landfilling; the berm adjoining north remained present.

1993: All adjoining properties were developed with the existing structures, including the golf course present adjoining north.

1998: There were no significant changes from the 1993 photograph.

2006: There were no significant changes from the 1998 photograph.

2010: There were no significant changes from the 2006 photograph.

2016: There were no significant changes from the 2010 photograph.

## Topographic Maps

No features of environmental concern in the vicinity of the subject property were depicted on the topographic maps.

## City Directories

Light industrial occupants were listed on vicinity properties in city directory listings for Calle del Mundo and Calle de Luna, including sheet metal shops, machine shops, high tech companies and others. Nu Metal Finishing was listed at the property adjoining south, 2262 Calle del Mundo, from 1986 through 2014. A metal finishing company also was listed at the property adjoining west in 1986 and 1991.

## On-Line Sources and AllWest Archives

Based on information obtained from AllWest's archives and utilizing the Google on-line search engine, former use of the site adjoining north of the subject property, currently developed with the Santa Clara Golf and Tennis Club and a BMX racetrack further north, was confirmed to be the All Purpose Landfill (5400 Lafayette Street) and Santa Clara Landfill Disposal (5410 Lafayette Street) (SJMN 2017). Further discussion of landfill-related impact to vicinity ground water is included in Section G.2.

## Summary of Historical Adjoining Land Use

AllWest's land use history review for the adjoining and surrounding properties indicated they were largely agriculturally cultivated with field crops and orchards through the late-1960s. Calle del Mundo and Calle de Luna were constructed by 1974, with the existing light-industrial facilities subsequently developed between that time and the early-1990s.

Two landfills were documented on the property adjoining north, with landfilling first visible in the early-1960s and again in the early-1980s. Other property occupants in the vicinity largely include/have included sheet metal shops, machine shops, high tech companies and metal plating facilities, among others.

11. PREVIOUS REPORTS: A preliminary title report for the subject property was provided by the User for AllWest's review.

    *Preliminary Report, 2263 Calle Del Mundo, Santa Clara, CA.* First American Title Insurance Company, National Commercial Services. May 24, 2018.

    Based on information included in the report, the property owner is Lafayette Development No. 5. The property is within an industrial park area

known as Lafayette Industrial Park. Covenants and restrictions on development type and operations within the Lafayette Industrial Park were specified in the report. None of the covenants and restrictions were related to contamination issues or environmental concerns. Utility easements were documented on the parcel.

## B. PHYSICAL CHARACTERISTICS

1. TOPOGRAPHY: The topography of the subject property is generally level, at an elevation of approximately 9 feet above mean sea level (msl). Topography in the vicinity also is generally level, with a gentle slope towards the north-northwest.

2. VEGETATION: Professional landscaping was located along the Calle del Mundo frontage; trees were planted along the eastern property line. Stressed vegetation was not observed.

3. SOILS: Soils at the subject property are classified by the U.S. Department of Agriculture Soil Conservation Service as the Reyes series. The Reyes series consists of clay soils with very slow infiltration rates and a high water table. The soils generally are poorly drained. Exposed soil was not present on the subject property, with the exception of that observed within landscaped areas. Stained or otherwise discolored soil was not observed on the subject property, although staining on the asphalt adjoining north of the Centerline Precision (2265) compressor area may have extended onto exposed/weed-covered soil adjoining north of the property fence line.

4. GEOLOGY: Based on a review of the USGS Note 36 California Geomorphic Provinces map, the property is located in the Coast Ranges geomorphic province of California. The coastline is uplifted, terraced and wave-cut. The Coast Ranges are composed of thick Mesozoic and Cenozoic sedimentary strata. The northern and southern ranges are separated by a depression containing the San Francisco Bay.

   The northern Coast Ranges are dominated by the irregular, knobby landslide-topography of the Franciscan Complex. The eastern border is characterized by strike-ridges and valleys in Upper Mesozoic strata. In several areas, Franciscan rocks are overlain by volcanic cones and flows of the Quien Sabe, Sonoma and Clear Lake volcanic fields. The Coast Ranges is subparallel to the active San Andreas Fault. The San Andreas is more than 600 miles long, extending from Point Arena to the Gulf of California. West of the San Andreas is the Salinian Block, a granitic core extending from the southern extremity of the Coast Ranges to north of the Farallon Islands. Geologically, the area of the subject property is underlain by Mesozoic era Eugeosynclinal Deposits.

5. HYDROLOGY: According to California's Groundwater Bulletin 118, the subject property is located in the San Francisco Bay Hydrologic Region and lies in the Santa Clara Valley Groundwater Basin, Santa Clara Subbasin (Basin No. 2-9.02). The Santa Clara Subbasin occurs within a structural trough running generally parallel to the northwest-trending Coast Range Mountains, extending from northern Santa Clara County southwards to the groundwater divide near Morgan Hill.

   The water-bearing formations of the Santa Clara Sub basin are comprised of the Plio-Pleistocene and Holocene-age continental deposits of the Santa Clara Formation and Pleistocene-Holocene Alluvium.

   Based on hydrological data available on the Geotracker database, shallow ground water is expected to be 5 to 8 feet beneath ground surface. Ground water flow direction has been documented as variable on vicinity properties, but predominantly towards the southeast.

   The nearest significant surface water to the subject property is the Guadalupe River, located approximately 0.15 mile east-northeast. Wetlands of the San Francisco Bay are present just over a mile northwest.

   No water wells, aboveground water tanks or water reservoirs are present at the subject property. The property does not fall under requirements of the National Pollutant Discharge Elimination System (NPDES) and storm water runoff is directed to drains in the parking lots and adjoining street.

## C. NATURAL HAZARDS

1. SEISMICITY: The State of California is considered seismically active, and earthquakes are an unavoidable geologic hazard in Santa Clara County. Based on available geologic literature, no active fault traces traverse the property. The property is not located within an Alquist-Priolo Special Study Zone for fault rupture hazard. The Hayward Fault is located approximately 7 miles east of the subject property; the San Andreas Fault is located approximately 12 miles southwest.

2. RADON: Out-gassing of radon has not been identified as a problem in Santa Clara County.

The U.S. EPA has prepared a map to assist national, state and local organizations to target their resources, and to implement radon-resistant building codes. The map divides the country into three Radon Zones, Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action Limit of 4.0 picoCuries per Liter (pCi/L) and Zone 3 being those areas with the average predicted indoor radon concentration in residential dwellings less than 2 pCi/L.

It is important to note that the California Department of Health Services (DHS), in its California Statewide Radon Survey of 1990, has found homes with elevated levels of radon in all three zones, and both EPA and DHS recommend property-specific testing in order to determine radon levels at a specific location. However, the DHS Radon Survey does give a valuable indication of the propensity of radon gas accumulation in structures.

Review of the DHS Radon Survey places the property in Zone 2, where average predicted radon levels are between 2.0 and 4.0 pCi/L. Nine state radon tests were conducted in the site zip code of 95054; radon reportedly did not exceed 4pCi/L in any of the tests. Federal radon testing in the property zip code also did not detect radon concentrations above 4 pCi/L in the 1st floor living area.

Based on the radon zone classification and test data, radon does not appear to be a significant environmental concern.

3. SENSITIVE ECOLOGICAL AREAS: Sensitive ecological areas include wetlands, rivers or creeks, marsh areas and land dedicated for open space. The U.S. Fish and Wildlife Service National Wetlands Inventory database depicted designated wetlands along the Guadalupe River approximately 0.15 mile east-northeast. Additional wetlands were located around several vicinity ponds as well as along the San Francisco Bay wetlands just over a mile northwest.

4. FLOODING: FEMA Flood Insurance Map Community Panel No. 06085C0062J, dated February 19, 2014, depicts the subject property within flood zone AH. FEMA defines Flood Zone AH as a special flood hazard area subject to inundation by the 1% annual chance flood to depths of 1 to 3 feet with the base flood elevation determined at 8 feet.

5. MASS WASTING: No physical evidence of mass wasting, such as landslides or ground subsidence, was observed at the property.

6. OIL AND GAS WELLS: The California Department of Conservation, Department of Oil, Gas and Geothermal Resources (DOGGR) map shows oil and natural gas production wells located in the State of California. According to the map, no oil or gas wells are located on the subject or adjoining properties.

## D. SITE CHARACTERISTICS

1. PARKING: Surface parking lots are located along the western and eastern property perimeters.

2. ROADWAYS: Calle del Mundo borders the subject property to the south. There are no roadways on the subject property.

3. FENCES: Chain-link and slatted chain-link fencing is located along the northern and eastern property lines, as well as along the northern portion of the western property line. Chain link fencing divides the exterior yard areas of the different tenants and segregates the yard areas from the parking areas.

4. OUTSIDE STORAGE: Outside storage areas are present adjoining north and east of the building, occupied by Centerline Precision (2265) and north and west of the building, occupied by Real Pack (2275).

   Centerline storage areas include a corrugated metal awning-covered area where drums of metal shavings, assorted equipment and other debris and a flammable materials storage cabinet were observed. Also beneath the awning was a pre-fabricated wood shed within which were stored paper files and other non-hazardous items. At the northeastern corner of the property was a second pre-fabricated wood shed with an elevated wooden floor utilized for hazardous materials and waste storage. Materials stored within the shed, primarily oil and oil/water waste, are discussed in Sections F.2 and F.3.

   Real Pack storage areas include a similar awning-covered area at the northern end of the building. A propane cylinder storage cage and small flammable materials storage cabinet were observed (Section F.2), as was a significant quantity of foam packing material. Storage by Real Pack in the side yard included a roofed overhang covering lumber and wooden packing crates. Additional lumber and crate storage was observed outside of the overhang within the side yard.

5. BASEMENTS: No basements are present on the subject property.

6. EASEMENTS: No known easements are located on the subject property, except for those associated with utilities.

7. WELLS: The Santa Clara Valley Water District (SCVWD) reported no wells on the subject property. No evidence of monitoring, production, dry, domestic water, irrigation or injection wells was observed.

8. SUMPS: No sumps were observed on the subject property.

9. CATCH BASINS: Catch basins were not observed on the subject property.

10. PONDS: No ponds or other bodies of water were observed on the subject property.

11. SEWAGE SYSTEM: The subject property is connected to the municipal sanitary sewer system operated by the City of Santa Clara Water and Sewer Utilities Department, with wastewater treatment through the San Jose-Santa Clara Water Pollution Control Plant (WPCP).

12. POTABLE WATER SYSTEM: There are underground water lines at the property. Potable water is supplied by the City of Santa Clara Water and Sewer Utilities Department. The agency's 2018 Annual Water Quality Report was available on-line, and documented compliance of the water provided with all applicable water quality standards.

13. WASTEWATER SYSTEMS: No wastewater treatment systems are located on the subject property. The City of Santa Clara had not responded to a request for information regarding industrial wastewater discharge permits associated with the subject property at the time this study was completed.

14. POWER DISTRIBUTION SYSTEMS: Electricity is provided to the subject property by City of Santa Clara Electric and natural gas is provided by Pacific Gas & Electric Company (PG&E). Overhead power lines traversed the northern property perimeter. No transformers were observed.

## E. HAZARDOUS MATERIALS IN FACILITY AND OPERATIONAL SYSTEMS

1. BUILDING STRUCTURE: The building on the subject property is of concrete tilt-up construction on a concrete slab foundation.

2. BUILDING MATERIALS: The exterior of the building is painted concrete. Although access to the roof was unavailable, based on review of aerial photographs it appears covered by a membrane material.

   Interior wall and ceiling finishes include painted and textured gypsum board, painted and unpainted concrete, wallpaper, drop-in acoustic ceiling tile and exposed ceilings. Floor finishes include unfinished concrete and carpet.

### ASBESTOS

As part of this environmental assessment, AllWest evaluated the building premises for potential ACM. Based on the age of the building on the subject property, constructed in 1980, ACM is presumed present. Presumed ACM identified in the building included wallboard, ceiling materials, carpet mastic, caulking, insulation and roofing materials. The condition of the building materials was generally good.

If renovation or demolition of the building is under consideration, the presumed ACM, as well as any additional suspect materials encountered during demolition/renovation activities, should be analyzed for asbestos content and appropriately abated. An O&M plan should be prepared to manage presumed materials in-place prior to abatement.

### LEAD BASED PAINT

As part of this environmental assessment, AllWest also evaluated the building premises for potential LBP coatings. Due to the age of the structure on the subject property, constructed after 1978, painted surfaces are not suspected to include LBP.

3. MECHANICAL AND HVAC SYSTEMS: HVAC units were observed on the building roof through review of aerial photographs. Individual ceiling-mounted heaters were observed within warehouse/assembly areas.

4. BUILDING EQUIPMENT: Building equipment was not observed at the subject property.

5. INDUSTRIAL EQUIPMENT: Process-specific industrial equipment was observed within each tenant space as well as in the exterior yard areas.

   Machining equipment, including self-contained machining units, saws and grinders, was observed within the Centerline Precision suite (2265). In the Centerline Precision yard area

north of the building, two compressors were observed. One compressor with associated pressure tank was located beneath a wood awning; the second compressor was located within a wooden shed. Significant oil staining of the asphalt was observed, appearing to originate from the compressors and extend across the northern asphalt-paved portion of the property to and beneath the chain-link fence at the property line (Section G.2).

Building equipment observed within the Global Manufacturing suite (2273) was limited to a ventilation hood over a soldering station.

Table saws, hand-held tools and a hot melt sprayer were observed within the Real Pack crate assembly/warehouse area (2275). In the Real Pack yard area at the northwestern corner of the property, a tarp covered structure housed two compressors. In a slatted chain-link fence enclosure north of the building, an additional compressor was observed. A propane forklift also was operating within the Real Pack warehouse and yard area.

## F. TOXIC AND FLAMMABLE MATERIALS, COMPRESSED GASES AND PETROCHEMICALS

1. MANUFACTURE/USE: Manufacturing is not conducted on the subject property and was not reported historically. Current tenants conduct metal machining and wooden packing crate and electronic cable assembly.

   Initially, the subject property was agriculturally cultivated. Previous tenants of the existing building utilized the suites for similar activities, as well as plumbing and mechanical contracting and activities associated with an optical/coating company.

2. STORAGE: Small quantities of hazardous materials were observed in each of the three tenant suites, as well as in exterior yard areas.

   Within the Centerline Precision machine shop area (2265) were observed very small containers of lubricants stored adjoining/on the machines, a few cans of spray paint on shelves, two 5-gallon containers of Blasocut (lubricant/coolant) on the concrete floor and a few 1-quart to 1-gallon containers of assorted cleaners in a sink area.

   A flammable materials storage cabinet in the Centerline Precision storage area north of the building housed multiple 1-quart or less containers of paints, lubricants, alcohols, etc.

   Within the hazardous materials/waste storage shed were observed eight 5-gallon pails of oil stored within secondary containment. Empty 5-gallon pails of Blasocut were observed on a concrete pad adjoining the storage shed.

   Hazardous materials observed within the Global Manufacturing assembly area (2273) included a few 1-quart containers of assorted cleaning solutions in work areas. One flammable materials storage cabinet in the suite housed approximately eight 1-gallon containers of soldering flux, as well as a few cans of spray paint, aerosol flux remover and cutting fluid.

   Hazardous materials storage within the Real Pack assembly/warehouse area (2275) was limited to hot glue within the hot melt sprayer unit and a few cans of spray paint. A propane storage cage in the Real Pack yard area north of the building housed 12 cylinders of propane for the facility forklift. Within the compressor enclosure were observed one 1-gallon can of thinner and 1 quart of paint.

   Evidence of spills or releases of the stored materials was not observed during our site visit.

   Centerline Precision (2265) was included on the CERS database in the regulatory agency database report (Section H). The listing was as a chemical storage facility. Documentation for Centerline Precision provided by the SCFD included a 2005 hazardous materials inventory documenting one 55-gallon drum hydraulic oil and one 55-gallon drum Way Lube. A 2006 inventory documented two 55-gallon drums of coolant, one 55-gallon drum of hydraulic oil and one 55-gallon drum of solvent refined light paraffin distillate. 2008 and 2012 inventories were limited to two 55-gallon drums of the distillate and a 2018 inventory documented only one 55-gallon drum of oil water (likely a waste).

   Previous hazardous materials storage at the subject property was documented through the regulatory agency database report and SCFD. Previous building tenant Clark Precision Sheet Metal (2275) was included on the CERS database as a chemical storage facility. Hazardous materials information for Clark Precision Sheetmetal obtained from the SCFD included 2009 and 2011 hazardous materials inventories documenting 1,344 cubic feet compressed argon and 291 cubic feet helium.

   Based on the business types and hazardous waste generator listings (Section F.3) for other previous property occupants, these tenants also

likely utilized small quantities of hazardous materials at the site.

3. GENERATION & DISPOSAL: Hazardous waste is generated at the property by Centerline Precision (2265). Wastes were stored in the storage shed on the northeastern corner of the property. Observed within the shed were four 55-gallon drums of used oil/water labeled as hazardous waste and stored on a secondary containment pallet or within a secondary containment trough. One additional 55-gallon drum was labeled as RCRA hazardous waste solid oily debris and absorbent. Evidence of significant spills or releases of the stored wastes was not observed. The shed interior appeared very clean and orderly.

   Centerline Precision was included on the CERS Haz Waste, HAZNET and FINDS databases in the regulatory agency database report (Section H). Inclusion on the HAZNET database is the result of manifested off-site (appropriate) disposal of hazardous materials. Based on the information included in the HAZNET listing, approximately 2 tons of unspecified oil-containing waste were disposed in 2009, and very small quantities of liquids with halogenated organic compounds were disposed in 2000. The FINDS listing provided no additional information.

   Documentation for Centerline Precision provided by the SCFD included a 2006 hazardous waste inventory documenting 15 pounds of used absorbent and 30 gallons of waste solvents. Hazardous waste generator inspection reports dated 2000, 2003, 2005, 2008 and 2011 documented storage of twelve 5-gallon used oil containers and up to four 55-gallons drums of used oil/coolant. The 2003 inspection report documented storage of a waste oil/coolant drum outside without secondary containment. Violations in the reports included the need to provide secondary containment for stored materials and subsequently to clean out the secondary containment areas. It does not appear that the hazardous wastes currently stored at the facility are included in the 2018 inventory for the facility.

   Former property tenant Veco Custom Optics (2273) also was included on the HAZNET database in the regulatory agency database report (Section H). Disposal of small quantities of liquids with halogenated organic compounds and halogenated solvents was documented annually between 1994 and 1998. The SCFD reported no documentation for this facility.

   Former property tenant Clark Precision Sheetmetal (2275) was included on the RCRA small quantity generator (SQG), FINDS and ECHO databases in the regulatory agency database report (Section H). The SQG listing, dated 1986, provided no information on the wastes generated, but noted that no violations were found; the ECHO listing also documented no violations. No significant information was included in the FINDS database. Clark also was included on the CERS Haz Waste database.

   Information available for Clark from the SCFD included a RCRA registration form from 2008 noting that the facility generated less than 220 pounds/month of non-acute hazardous waste (conditionally-exempt SQG). 2008 and 2011 inspection reports documented generation of less than 10 gallons per year of used oils. 2009 and 2011 hazardous waste inventories documented 5 gallons of used oil.

4. UNDERGROUND STORAGE TANKS: No information indicating the current or former presence of USTs at the site was encountered in information sources available for this study. Evidence of current USTs was not observed.

5. ABOVEGROUND STORAGE TANKS: ASTs were not observed or documented at the subject property.

## G. POLLUTION SOURCES, CONTROLS AND TREATMENT

1. AIR EMISSIONS: The subject property is not included on the Emissions Inventory (EMI) database in the EDR radius report (Section H). The Bay Area Air Quality Management District (BAAQMD) reported no emissions permits for current or previous building tenants. No air emissions were observed or otherwise noted at the time of the reconnaissance.

2. SOIL AND GROUND WATER:

   *On-Site* - The subject property is not a recorded source of soil or ground water contamination. Aside from limited surficial staining of soil/dry vegetation adjoining the northern fence line, appearing associated with leakage from compressors located in the Centerline Precision storage area, there is no visual or documentary evidence the soil and ground water of the property have been contaminated by on-site activities. Stained surficial soils adjoining the northern property line should be removed followed by verification soil sampling.

Occupancy of the subject property by metal machining, plumbing and mechanical contracting and activities associated with an optical/coating company since 1980 is documented. Existing and former tenants were documented as utilizing/generating small quantities of materials containing halogenated organic compounds, as well as oil-containing wastes. Based on the use/generation of these materials over the past several decades, residually impacted soil and/or ground water may be present at the site. Prior to site redevelopment AllWest recommends a subsurface assessment to further reduce environmental uncertainty.

Application of agricultural chemicals at the site may have occurred during the period of cultivation before the subject property was developed with the existing building. As such, AllWest cannot discount the potential for residual agricultural chemicals, such as pesticides, herbicides and related metals, to remain present in near-surface soils. Pesticides and metals should be evaluated prior to any land use changes.

*Off-Site* - There are several cross- to down-gradient surrounding and/or adjoining sites with documented ground water impact by volatile organic compounds. As the source of the ground water impact at these sites is undocumented, subject site ground water may also be impacted with low concentrations of solvents. The vicinity sites are discussed in Section H.

As discussed in Section A.10, former use of the site adjoining north of the subject property, currently developed with the Santa Clara Golf and Tennis Club and a BMX racetrack further north, was confirmed to be the All Purpose Landfill (5400 Lafayette Street) and Santa Clara Landfill Disposal (5410 Lafayette Street) (SJMN 2017). Both landfills were included on the CERCLIS-No Further Remedial Action Planned (NFRAP) database in 2015. At that time, ground water flow direction at the former landfills was documented to the north-northeast, away from the subject property. Ground water monitoring data available on the Geotracker database in 2015 indicated VOC concentrations in ground water in landfill wells near the subject property to be beneath RWQCB ESLs for evaluation of potential vapor intrusion concern (AllWest 2015).

The two landfills no longer are included on the NFRAP database or the Geotracker database; All Purpose Landfill remains on the EnviroStor database as an historical site (Section H). Based on the available information, the former landfill sites appear unlikely to have significantly impacted ground water beneath the subject property.

3. VAPOR INTRUSION: As part of our assessment, AllWest evaluated the potential for vapor intrusion into the proposed structure following the general methodology outlined in ASTM E-2600-15, utilizing professional judgment.

   The Tier 1 screening assessment was employed to determine if a potential vapor intrusion condition (VIC) exists at the site. The subject property, adjoining properties, and hydraulically up-gradient properties were assessed to determine known or suspect contaminated sites within approximate minimum search distances.

   A Tier 1 screening assessment consists of a search distance test to identify if there are any known or suspected contaminated sites within the primary and secondary areas of concern; a chemicals of concern test to determine if chemicals of concern exist at the known or suspected contaminates sites; and a plume test to determine whether or not chemicals of concern in the contaminated plume may be within the critical distance.

   The critical distance is defined as the linear distance in any direction from the nearest edge of the plume to the site. If the distance from the site to the nearest edge of a petroleum hydrocarbon plume is less than 30 feet or less than 100 feet for non-petroleum chemicals of concern, then it is presumed that a potential vapor intrusion condition (pVIC) exists and additional screening may be necessary.

   The potential for a VIC from current and historical land use activities is considered low due to the available documentation which suggests no significant visual or olfactory evidence of petroleum hydrocarbon or volatile organic compound (VOC) contamination that has migrated to the ground water or which has significantly impacted the soil from current or historical activities at the site.

   The potential for a VIC from surrounding land use is considered low due to the absence of suspect sites impacted with significant concentrations of petroleum hydrocarbons or VOCs within 30/100 linear feet of the subject property.

   <u>METHANE</u>: The subject property is not located within 1,000 feet of an active landfill, an active oil well or an abandoned/inactive oil well. Therefore, methane is not expected to be a concern.

4. SOLID WASTE: Municipal trash and recycling dumpsters were staged at various locations within the facility parking lots/yard areas. Mission Trail Waste Systems provides waste disposal service for the property. A debris box was staged in the Real Pack (2275) yard area, appearing utilized for disposal of wood debris.

5. MEDICAL WASTE: Current or previous generation of medical waste was not documented or observed on the subject property.

## H. REGULATORY DATABASE SEARCH

To identify the site's potential listing in environmental databases and evaluate off-site environmental concerns, AllWest reviewed a site-specific radius report provided by EDR, which searched regulatory agency lists/ databases for recorded sites within the industry standard search radii. The purpose of the records search was to assess the potential presence of hazardous substance contamination at the subject site as a result of activities conducted on properties within the ASTM-designated search distances. A list of the state and federal regulatory databases searched, summary of findings and detailed records are presented in Appendix A.

Regulatory-listed sites and high-risk historical facilities identified by EDR as being within their approximate minimum search distances from the subject property on the ASTM-required databases are listed in Table 1 as well as being summarized in Appendix A and their respective locations identified by number in Appendix A's figures. The number of sites shown in Table 1 may not exactly reflect what is provided in the EDR report due to multiple (duplicate) listings, outdated (historical databases), and differing minimum search radii as specified in ASTM E 1527-13. Additionally, some map locations shown on the EDR figures refer to more than one site, some sites are listed multiple times in the EDR report and some map locations shown on the EDR figures were determined by AllWest to be incorrect.

The EDR report listed one orphan site (sites which addresses are as inadequate or incomplete as to render locating the site on a map ineffective) that could be within the approximate minimum search distances on the ASTM-required databases. By using other sources of information to locate and evaluate the orphan site listed by EDR, it is not believed to be associated with the subject or adjoining properties, or to be a significant concern to the subject property.

When reviewing the EDR report, AllWest was particularly interested in the regulatory status of sites within the search radius that were adjoining or hydraulically up-gradient to the subject site. In general, only up-gradient hazardous materials release sites represent a potential environmental impact to the subject property. Chemical release sites located hydraulically down-gradient or cross-gradient (perpendicular) are considered unlikely to impact the subject property. Ground water flow direction in the vicinity of the subject property, although appearing variable, has been documented predominantly towards the southeast, making properties located northwest up-gradient.

For small-quantity use of hazardous materials and small-quantity generation of hazardous waste, current tenant Centerline Precision and former tenants Veco Custom Optics and Clark Precision Sheetmetal were included on one or more of the following databases.

**HAZNET** The California Environmental Protection Agency (DTSC) "Haznet" list includes information on sites which submit hazardous wastes manifests for off-site transportation and disposal of hazardous waste. The listings are discussed in Section F.3, as well as in the following discussion.

**RCRIS SQG** The Federal EPA's RCRIS "Small Quantity Generator" (SQG) list includes information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the RCRA. The listing is discussed in Section F.3, as well as in the following discussion.

**CERS** The California Environmental Protection Agency (DTSC) Regulated Site Portal database information is included on the CERS database, including a variety of information from state and federal databases regarding an overview of regulated activities. The site listings are discussed in Sections F.2 and F.3.

**FINDS** The Federal EPA's Facility Index System (FINDS) database contains facility information and "pointers" to other sources that contain more information on the storage and transportation of hazardous

materials or waste. No significant information was included in the database listing.

**ECHO** The EPA's Enforcement & Compliance History Information (ECHO) list is an integrated compliance and enforcement information database for regulated facilities nationwide. The site listing is summarized in Section F.3.

A summary of the on- and off-site database listings is included in Table 1.

**Table 1. Regulatory Database Search Summary**

| *Regulatory List* | *Search Radius* | *Number of Listed Sites within Search Radius* | *Number of Listed Sites on Subject Property* |
|---|---|---|---|
| NPL | 1 mile | 1 | None |
| RESPONSE | 1 mile | 1 | None |
| RCRIS – CORRACTS | 1 mile | None | None |
| SEMS | ½ mile | None | None |
| SEMS - ARCHIVE | ½ mile | None | None |
| RCRIS – TSDF | ½ mile | None | None |
| RCRIS Generators | Site & Adjoining | 3 | 1 |
| ERNS | Site | None | None |
| EnviroStor | 1 mile | 22 | None |
| Toxic Pits | 1 mile | None | None |
| CPS-SLIC | ½ mile | 5 | None |
| State Landfills (SWF/LF) | ½ mile | None | None |
| LUST | ½ mile | 2 | None |
| Registered UST/AST | Site & Adjoining | None | None |
| HAZNET | Site | 2 | 2 |
| EDR® Historical Manufactured Gas Plants | 1 mile | None | None |
| EDR® Historical Auto Stations | 1/8 mile | None | None |
| EDR® Historical Cleaners | 1/8 mile | None | None |

1. **U.S. Environmental Protection Agency: National Priority List (NPL)**

The NPL is an U.S. Environmental Protection Agency (USEPA) database listing of the United States' worst uncontrolled or abandoned hazardous waste sites. NPL sites are targeted for possible long-term remedial action under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980. In addition, the NPL Report includes information concerning cleanup agreements between the U.S. EPA and Potentially Responsible Parties

(commonly called Records of Decision or RODS), any liens filed against contaminated properties, as well as the past and current U.S. EPA budget expenditures tracked within the Superfund Consolidated Accomplishments Plan (SCAP). The list publication date is December 2017. The search radius for NPL is one mile.

The subject property is not listed on the NPL.

There is one NPL site within one mile of the subject property, South Bay Asbestos Area at the foot of Liberty Street and the Guadalupe River. The South Bay Asbestos Area site is located approximately 0.64 mile north-northwest from the subject property. Although up-gradient based on the ground water flow direction in the immediate vicinity of the subject property, the South Bay Asbestos Area likely is down-gradient based on proximity to the San Francisco Bay. The South Bay Asbestos area is included on the NPL for the presence of asbestos-containing fill in the area. As remedial measures have been taken and the contamination issue is not one which would be spread through ground water migration, the NPL site is not of significant concern to the subject property.

**2. California Department of Toxic Substance Control: Equivalent National Priority List (RESPONSE)**

The RESPONSE database is a California Department of Toxic Substances Control (DTSC) database listing of the State of California's NPL-equivalent sites. These confirmed release sites are generally high-priority and have a high potential risk. They are those where the DTSC is involved in remediation of the site. The list publication date is January 2018. The search radius for RESPONSE is one mile.

The subject property is not listed on RESPONSE.

There is one RESPONSE site within one mile of the subject property. SVTC Technologies at 3901 N. First Street is located more than ½ mile cross-gradient of the subject property and therefore is unlikely to be of significant concern.

**3. U.S. Environmental Protection Agency: Resource Conservation and Recovery Information System (RCRIS) Corrective Action (CORRACTS) Facilities**

The RCRIS CORRACTS database contains information pertaining to hazardous waste treatment, storage, and disposal facilities (RCRA TSDFs) which have conducted, or are currently conducting, a corrective action(s) as regulated under the Resource Conservation and Recovery Act (RCRA). The list publication date is December 2017. The search radius for CORRACTS is one mile. The following information is included within the CORRACTS database:

- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS);
- Inspections & evaluations conducted by Federal and state agencies; all reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties; and
- Information pertaining to corrective actions undertaken by the facility or U.S. EPA.

The subject property is not listed on CORRACTS. There are no CORRACTS sites within 1 mile of the subject property.

**4. U.S. Environmental Protection Agency: Superfund Enterprise Management System (SEMS) – Formerly CERCLIS**

The U.S. EPA's SEMS database is a newly-implemented application that integrates the former CERLIS database, the Superfund Document Management System (SDMS) and a few additional internal EPA applications. The SEMS database is a listing of hazardous waste sites, potentially hazardous waste sites and remedial activities performed in support of the Superfund Program pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). SEMS sites have either been investigated, or are currently under investigation, by the U.S. EPA for the release or threatened release of hazardous substances. The SEMS list also includes sites which are either proposed for listing or are listed on the NPL, or which are in the screening and assessment phase for possible NPL inclusion. The list publication date is December 2017. The search radius for SEMS is ½ mile.

The subject property is not listed on SEMS. There are no SEMS site within ½ mile of the subject property.

**5. U.S. Environmental Protection Agency: SEMS-Archive – Formerly CERCLIS NFRAP**

The U.S. ESA has replaced the CERCLIS No Further Remedial Action Planned (NFRAP) database with the SEMS-Archive database. SEMS-Archive tracks sites that have no further interest to the EPA under the Superfund Program based on available information. Listing on the Archive database indicates that to the best of EPAs' knowledge, no further steps will be taken to list the site on the NPL. The U.S. EPA may perform a minimal level of assessment at a SEMS-Archive site if new information becomes available,

however. Listing on the SEMS-Archive database does not necessarily indicate there is no hazard associated with the site, only that the site is not judged to be a potential NPL site. The list publication date is December 2017. The search radius for SEMS-Archive is ½ mile.

The subject property is not listed on SEMS-ARCHIVE. There are no SEMS-ARCHIVE sites within ½ mile of the subject property.

**6. U.S. Environmental Protection Agency: Resource Conservation and Recovery Act Information System (RCRIS) Treatment, Storage, and Disposal (TSD) Facilities**

The RCRIS-TSDF is a U.S. EPA listing of facilities that were permitted under RCRA to perform on-site treatment, storage, or disposal of hazardous wastes. The sites listed in RCRIS-TSDF do not necessarily pose an environmental threat to the surrounding properties because the TSDF permit imposes stringent monitoring and reporting requirements. The list publication date is December 2017. The search radius for RCRIS-TSDF is ½ mile. The following information is also included in the RCRIS TSDF database:

- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS);
- Inspections & evaluations conducted by federal and state agencies; and
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties.

The subject property is not listed as a RCRIS TSDF facility. There are no RCRIS TSDF facilities within ½ mile of the subject property.

**7. U.S. Environmental Protection Agency: Resource Conservation and Recovery Information System (RCRIS) Generators List**

The RCRIS generators list is a US EPA listing of facilities that generate hazardous wastes or meet other applicable waste generating requirements under RCRA. The sites listed in the RCRIS Generator List have not necessarily released hazardous waste into the environment and may not necessarily pose an environmental threat to the surrounding properties. These listed sites are required to properly contain the wastes generated and remove their wastes from the site within 90 days. Furthermore, the facilities that report waste generation activities are more inclined to perform the required monitoring. The list publication date is December 2017. The search radius for the RCRIS Generator List is the Site and adjoining properties.

The subject property is listed on the RCRIS SQG database for former property occupant Clark Precision Sheetmetal (2275). Details of the type of waste generated were not provided; no violations were noted. The listing was further discussed in Section F.3.

There are two additional RCRIS Generators listed on adjoining properties, but neither appears to be current occupants at the reported locations. EPZ at 2262 Calle del Mundo was a large-quantity generator (LQG) listed in 2011; G&K Metal Finishing at 2307 Calle del Mundo was a SQG listed in 1996. As the facilities are not also included on databases indicative of releases, the Generators listings are not of significant concern.

**8. U.S. Environmental Protection Agency: Emergency Response Notification System (ERNS) List**

The Emergency Response Notification System (ERNS) list is a USEPA-maintained list of reported incidents that concerning the sudden and/or accidental release of hazardous substances, including petroleum, into the environment. The list publication date is January 2018. The search radius for ERNS is the subject property.

The subject property is not listed on the ERNS list.

**9. California Department of Toxic Substances Control (DTSC): EnviroStor Sites**

The EnviroStor database is a DTSC listing of sites under investigation that could be actually or potentially contaminated and that may present a possible threat to human health and the environment. The list publication date is January 2018. The search radius for EnviroStor is one mile.

The subject property is not included on the EnviroStor database.

There are 22 EnviroStor sites located within one mile of the subject property. Two of the EnviroStor sites adjoin the subject property and one additional site is located within 1/8 mile. One additional site is located within 1/3 mile in the anticipated up-gradient direction.

Nu-Metal Finishing at 2262 Calle del Mundo, adjoining south, and Italix Company at 2232 Calle del Mundo, 0.04 mile down-gradient, are listed as having tiered permits and being inactive sites needing evaluation as related to the permitting. Both Nu-Metal Finishing and Italix Company have wastewater treatment systems. Based on the rationale for listing

on the EnviroStor database, these facilities are unlikely to be of significant concern to the subject property.

Coatek Inc. at 2272 Calle del Mundo, adjoining south and generally cross- to down-gradient, also was listed as having a tiered permit and as an inactive site needing evaluation. The listing likely is related to operation of a wastewater treatment system. Based on information available in the AllWest archives from previous assessments, there was documentation in 1995 of nickel, copper, oil & grease, and trichloroethylene (TCE) in ground water at the Coatek site at concentrations exceeding RWQCB ESLs for ground water that is a current or potential drinking water resource; the TCE concentration did not exceed the ESL for evaluation of potential vapor intrusion concerns however. The source of the contaminants reportedly was unclear as use of significant quantities of the detected materials was not reported at the site (AllWest 2015). Based on the proximity of this site and the lack of a clear source for the detected contaminants, AllWest assesses the potential for similar ground water impact to exist beneath the subject property to be moderately low.

All Purpose Landfill at 5401 Lafayette Street, approximately 0.24 mile down-gradient per flow determination on the former landfill, was listed as an historical site for the presence of asbestos-containing materials and impacted soil. Based on the distance and reported impact to soil, this site is unlikely to be of significant concern to the subject property.

Based on the distance and/or direction of the other EnviroStor sites from the subject property, they are unlikely to be of significant concern.

**10. California Department of Toxic Substances Control: Toxic Pits Cleanup Act Sites (Toxic Pits)**

The TPCA is a California Department of Toxic Substances Control (DTSC) listing of hazardous waste cleanup sites regulated pursuant to the California Toxic Pits Cleanup Act (Toxic Pits). The list publication date is July 1995.The search radius for TPCA is one mile.

The subject property is not listed on the TPCA Sites list. There are no TPCA sites within one mile of the subject property.

**11. California Regional Water Quality Control Board: Cleanup Program Sites (CPS)-Spills, Leaks, Investigations and Cleanup (SLIC)**

The CPS-SLIC is a California Regional Water Quality Control Board (RWQCB) listing of sites that have reported spills, leaks, investigative activities and/or cleanup actions. The list publication date is March 2018. The search radius for CPS-SLIC is ½ mile.

The subject property is not listed on the CPS-SLIC database.

There are five CPS-SLIC sites within ½ mile of the subject property, all located in anticipated cross- to down-gradient locations.

The Richard and Donna Wills Revocable Trust site at 2301 Calle de Luna, approximately 0.10 mile cross- to down-gradient, is documented as having 1,1,1-trichloroethane (TCA) and tetrachloroethylene (PCE) in ground water. Additionally, the property at 2278 Calle de Luna, approximately 0.12 mile cross- to down-gradient also is documented as having ground water impact by chlorinated hydrocarbons. Although the sites are located in anticipated cross- to down-gradient locations, based on the proximity, regulatory status of Open and contaminants and media of impact, AllWest assesses the potential for similar ground water impact to exist beneath the subject property to be moderately low.

Based on the distance, direction and/or regulatory status of the remaining SLIC sites, they appear unlikely to be of significant concern.

**12. California Integrated Waste Management Board: Solid Waste Information System (SWF/LF) Facilities**

The SWF/LF is a California Integrated Waste Management Board (CIWMB) listing of all permitted active, inactive, or closed landfills. The list publication date is February 2018. The search radius for SWF/LF is ½ mile.

The subject property is not listed on the SWF/LF list. There are no SWF/LF sites within ½ mile of the subject property.

**13. California Regional Water Quality Control Board: Leaking Underground Storage Tanks (LUST)**

The LUST list is a California RWQCB listing of sites that have reported leaking underground storage tanks. A site may be listed on LUST by reporting the tank system(s) failed tank testing, that routine monitoring of tank system(s) showed evidence of leakage, or that verification sampling during tank removal showed subsurface contamination. The list publication date is March 2018. The search radius for the LUST list is ½ mile.

Fuel leak case research conducted at the Lawrence Livermore National Laboratory (LLNL) indicates that attenuation and degradation play major roles in reducing hydrocarbon in ground water to non-detectable levels within several hundred feet of the contaminant source. Research findings indicate that in over 90 percent of the petroleum hydrocarbon cases, ground water contaminant plumes do not

extend more than 250 feet from the source. The mobility of a gasoline additive called Methyl tertiary-Butyl Ether (MTBE) is currently being researched. Preliminary findings indicate that MTBE is highly soluble in water and moves easily through soil particles and into ground water where it may spread over a distance greater than 250 feet. MTBE will transfer to ground water from gasoline leaking from USTs, pipelines, car emissions into the atmosphere and other components of gasoline vapor distribution. MTBE has been an additive to gasoline since approximately 1985, but banned in California since 2004.

The subject property is not listed on the LUST database.

There are two LUST listings for one site within ½ mile of the subject property. Bill Doran Co. at 2200 Calle de Luna, approximately 0.06 mile cross-gradient, has a status of Case Closed. Based on the cross-gradient location and regulatory status, it is unlikely to be of significant concern to the subject property.

**14. California Water Resources Control Board: Registered Underground Storage Tank (RUST) and Aboveground Storage Tank (RAST) Lists**

The California Water Resources Control Board Underground Storage Tank Program maintains a list of registered underground storage tanks (RUSTs) and registered aboveground storage tanks (RASTs) in the site area. The RUST list publication date is March 2018 and the RAST list publication date is July 2016. The sites listed on the RAST and RUST lists have not necessarily released hazardous substances into the environment and may not necessarily pose an environmental threat to the surrounding properties. Since Federal and California UST regulations require periodic monitoring for UST leakage and the immediate reporting of evidence of UST leakage, only those sites listed on the leaking underground storage tank (LUST) list typically have the potential of environmental impact. The search radius for the RUST and RAST lists is the site and adjoining properties.

The subject property is not listed on the RUST or RAST databases. There are no RUST or RAST listings on properties adjoining the subject property.

**15. California Department of Toxic Substances Control: Hazardous Waste Information System (HAZNET) List**

The data on the HAZNET list is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests are submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. The list publication date is December 2016. The search radius for HAZNET is the site.

The subject property is listed on the HAZNET database for disposal of small quantities of hazardous waste by current and previous property tenants, as discussed in Section F.3 Inclusion of the subject property on the HAZNET database is not indicative of an environmental concern.

**16. EDR® Historical Manufactured Gas Plants**

EDR® maintains a proprietary list of coal gas plants (manufactured gas plants) derived from city directories, telephone directories and other historical sources.

The subject property is not listed as an historical manufactured gas plant. There are no historical manufactured gas plants reported within 1 mile of the subject property.

**17. EDR® Historical Auto Stations**

EDR maintains a proprietary list of possible historical automotive repair shops and gasoline stations derived from city directories, telephone directories and other historical sources.

The subject property is not listed on the EDR Historical Auto Stations database. There are no historical auto stations reported within 1/8 mile of the subject property.

**18. EDR® Historical Cleaners**

EDR maintains a proprietary list of possible historical dry cleaner businesses derived from city directories, telephone directories and other historical sources.

The subject property is not listed on the EDR historical cleaners database. There are no historical cleaners reported within 1/8 mile of the subject property.

## Summary

EDR's agency database search identified no current or historical releases at the subject property appearing likely to have significantly impacted the underlying soil or ground water. The database listings for use and disposal of small quantities of hazardous materials and hazardous waste by one current and two former building tenants are not of significant concern to the environmental condition of the subject property as the listings are not indicative of a hazardous materials release. However, based on the use/generation of these materials over the past several decades,

pockets of impacted soil and/or ground water could be present. If a further degree of comfort is desired, performance of a limited subsurface investigation could be considered.

The agency database search identified three surrounding/adjoining sites with documented impact by volatile organic compounds from on-site or undocumented off-site sources. Coatek Inc. at 2272 Calle del Mundo, adjoining the subject property, Richard and Donna Wills Revocable Trust at 2301 Calle de Luna, approximately 0.10 mile from the subject property, and the site at 2278 Calle de Luna, approximately 0.12 mile from the subject property, all are located in an anticipated cross- to down-gradient location. However, the source of the TCE, TCA and PCE in ground water is undocumented and therefore ground water underlying the subject property may be impacted with low concentrations of solvents as well. Based on the available information on the releases however, if present, solvent concentrations likely are beneath RWQCB ESLs for evaluation of potential vapor intrusion concerns.

AllWest's search for recorded environmental clean-up liens and reviews of federal, tribal, state and local government records did not encounter data gaps that diminish our ability to provide an opinion on a release or potential release of hazardous substances at the subject property.

# VII. INFORMATION SOURCES

## A. HISTORICAL SOURCES

### Aerial Photographs

*The EDR Aerial Photo Decade Package,* June 21, 2018, Environmental Data Resources, Inc., Shelton, Connecticut.

### City Directories

*The EDR-City Directory Image Report*, June 21, 2018, Environmental Data Resources, Inc.

### Topographic Maps

*EDR Historical Topo Map Report*, June 21, 2018, Environmental Data Resources, Inc.

## B. AGENCY DATABASES

*The EDR Radius Map™ Report with Geocheck*, June 21, 2018, Environmental Data Resources, Inc.

State Water Resources Control Board (SWRCB) GeoTracker database website: http://geotracker.waterboards.ca.gov/

Department of Toxic Substances Control (DTSC) EnviroStor database website: http://www.envirostor.dtsc.ca.gov/public/

## C. ENVIRONMENTAL STUDIES

Alquist-Priolo Special Studies Zones Act, Special Publication No. 42, 1997, California Division of Mines and Geology.

California Statewide Radon Survey, 1990, California Department of Health Services.

California Department of Conservation, California Department of Conservation, Division of Oil, Gas and Geothermal Resources Well Finder, 2016: http://www.conservation.ca.gov/dog/Pages/WellFinder.aspx

Geologic of California, Norris and Webb, 1990, John M. Wiley & Sons.

US Fish and Wildlife Service National Wetlands Inventory database. http://www.fws.gov/wetlands/Data/Mapper.html

## D. ZONING, BUILDING AND ASSESSOR

Santa Clara Planning Department, 1500 Warburton Avenue, Santa Clara CA 95050. Contact: 408-615-2200.

Santa Clara Building Department, 1500 Warburton Avenue, Santa Clara CA 95050. Contact: 408-615-2440. http://santaclaraca.gov/government/departments/community-development/permit-parcel-search

Santa Clara County Assessor's Office, 70 West Hedding Street, San Jose, CA 95110. Contact: 408-299-5500. https://www.sccassessor.org/index.php/online-services/property-search/real-property

## E. FIRE, HAZARDOUS MATERIALS AND ENVIRONMENTAL HEALTH

Santa Clara County Environmental Health Department, 1555 Berger Drive, Suite 300, San Jose, CA 95112, Contact: 408-918-3400. http://lustop.sccgov.org/

Santa Clara Fire Department, 1675 Lincoln Street, Santa Clara, CA 95050. Contact: 408-615-4970.

State Water Resources Control Board (SWRCB) GeoTracker database website: http://geotracker.waterboards.ca.gov/

Department of Toxic Substances Control (DTSC) EnviroStor database website: http://www.envirostor.dtsc.ca.gov/public/

## F. WATER QUALITY

City of Santa Clara Water Department, 1500 Warburton Avenue, Santa Clara CA 95050. Contact: 408-615-2000

Regional Water Quality Control Board, San Francisco Bay Region (Region 2), 1515 Clay Street, Suite No. 1400, Oakland, CA 94612. Contact: 510-622-2300.

Santa Clara Valley Water District, 5750 Almaden Expressway, San Jose, CA 95118. Contact: 408-265-2600.

## G. AIR QUALITY

Bay Area Air Quality Management District 375 Beale Street, San Francisco, CA, 94105. Contact: 415-749-4500.

## H. OTHER DOCUMENTS

AllWest Environmental. *Environmental Site Assessment, 2221 Tasman Drive, Santa Clara, CA 95054*. September 18, 2015.

The Mercury News. *The Latest Silicon Valley Housing Idea: On a Landfill*. Updated July 10, 2017. https://www.mercurynews.com/2017/07/08/the-latest-silicon-valley-housing-idea-on-a-landfill/

# Description of Selected General Terms and Acronyms

| Term/Acronym | Description |
|---|---|
| ACM | Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining).Regulatory agencies have generally defined ACM as a material containing greater that one (1) percent asbestos, however some states (e.g. CA) define ACM as materials having 0.1% asbestos. |
| AHERA | Asbestos Hazard Emergency Response Act |
| AOC | Area of Concern |
| APN | Assessor's Parcel Number |
| AST | Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location. |
| ASTM | American Society for Testing and Materials |
| AULs | Liens or Activity and Use Limitations |
| BAAQMD | Bay Area Air Quality Management District |
| bgs | Below Ground Surface |
| BTEX | Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release. |
| BTU/hr | British Thermal Units per hour |
| Cal/EPA | California Environmental Protection Agency, also known as DTSC |
| CD | Critical Distance |
| CFR | Code of Federal Regulations |
| COC | Contaminant of Concern |
| CREC | Controlled Recognized Environmental Condition is defined in ASTM E1527-13 as “a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) , with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). |
| Data Gap / Significant Data Gap | A lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information. A data gap is significant if other information and/or professional experience raises concerns involving the data gap. |
| De minimis Condition | A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. |
| DOGGR | California Department of Conservation, Department of Oil, Gas and Geothermal Resources |
| DTSC | California Department of Toxic Substances Control |
| EDR | Environmental Data Resources |
| EMI | Emissions Inventory Data |
| EPA | U.S. Environmental Protection Agency |
| ESA | Environmental Site Assessment |
| ESL | Environmental Screening Level |
| FEMA | Federal Emergency Management Agency |
| HAZNET | DTSC Hazardous Waste Information System |
| Hazardous Substance | As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof |

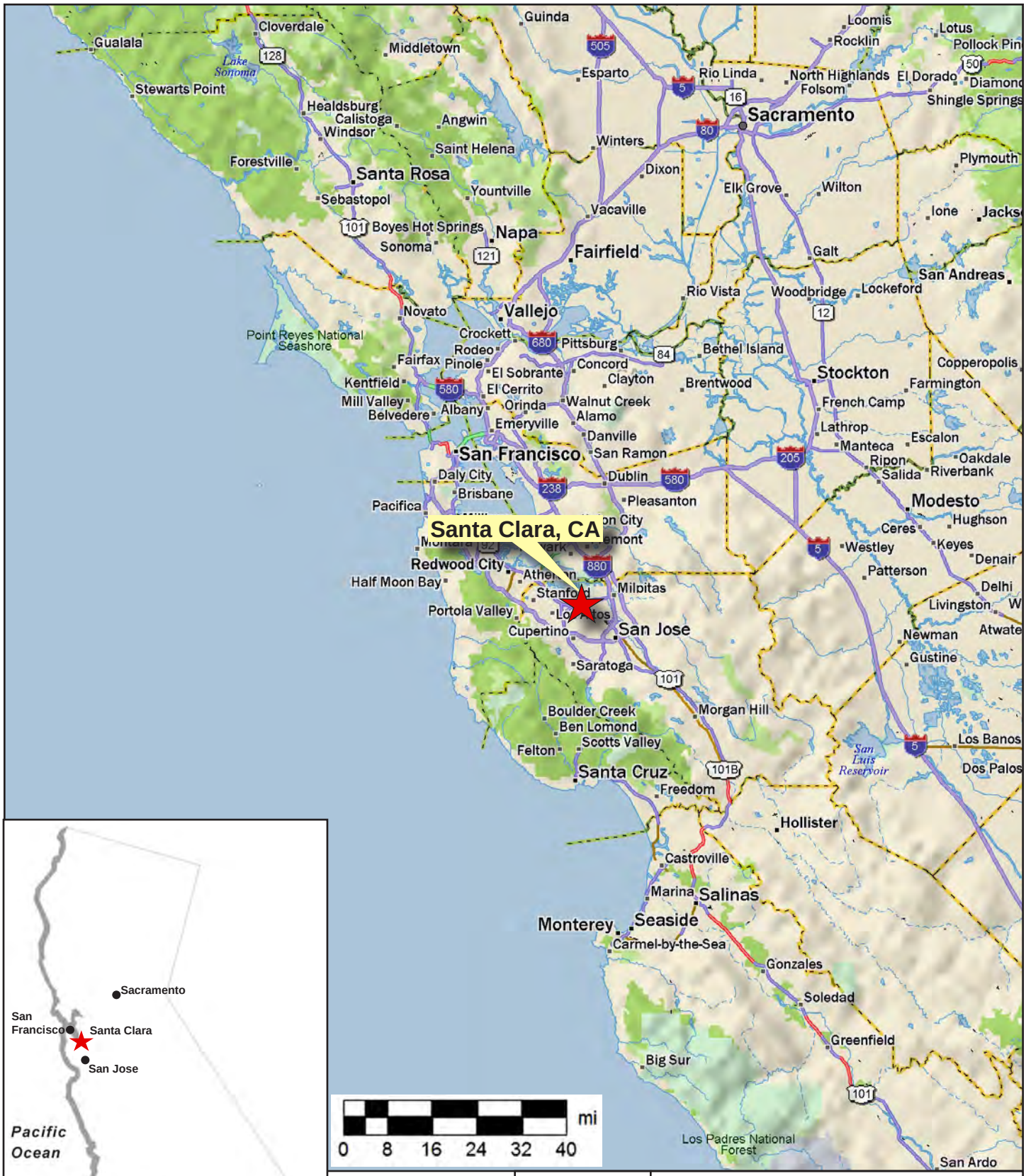
| | |
|---|---|
| | which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). |
| Hazardous Waste | This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed." |
| HMBP | Hazardous Materials Business Plan |
| HMMP | Hazardous Materials Management Plan |
| HREC | Historical Recognized Environmental Condition is defined in ASTM E1527-13 as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). |
| HVAC | Heating, Ventilation and Air Conditioning |
| LNAPL | Light Non-Aqueous Phase Liquid |
| LOP | Local Oversight Program |
| LQG | Large Quantity Generators |
| LUST | Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term. |
| mg/kg | milligrams per kilogram |
| mg/L | milligrams per liter |
| MCL | Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment. |
| MSDS | Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard. |
| MSL | Mean Sea Level |
| MtBE | Methyl tertiary Butyl Ether |
| ND | Not Detected |
| NE | Not Established |
| NESHAP | National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants. |
| NFA | No Further Action |
| NPDES | National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water. |
| NV | No Value |
| O&M Plan | Operations and Maintenance Plan |
| OSHA | Occupational Safety and Health Administration or Occupational Safety and Health Act |
| PACM | Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos. |
| PCBs | Polychlorinated Biphenyls. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. |
| pCi/L | picoCuries per Liter of air. Unit of measurement for radon and similar radioactive materials. |
| PE | Professional Engineer |
| PG&E | Pacific Gas and Electric Company |
| PLM | Polarized Light Microscopy (see ACM section of the report, if included in the scope of services) |
| ppb | parts per billion |
| ppm | parts per million |

| | |
|---|---|
| pVIC | Potential Vapor Intrusion Condition |
| Radon | A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. |
| REC | Recognized Environmental Conditions are defined by ASTM E1527-13 as “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment. *De minimis* conditions are not recognized environmental conditions.” |
| RWQCB | California Regional Water Quality Control Board |
| SLIC | Spills, Leaks, Investigations And Cleanup |
| SPCC | Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements. |
| SQG | Small Quantity Generator |
| SWRCB | State Water Resources Control Board |
| TPH (d)(g)(mo) | Total Petroleum Hydrocarbons (d) as diesel (g) as gasoline (mo) as motor oil |
| ug/kg | micrograms per kilogram |
| ug/L | micrograms per liter |
| USGS | United States Geological Survey |
| UST | Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-13, define this as any tank, incl. underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried). |
| VEC | Vapor Encroachment Condition |
| VOCs | Volatile Organic Compounds |
| Wetlands | Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). |

# FIGURES

DELORME

Topo USA® 8



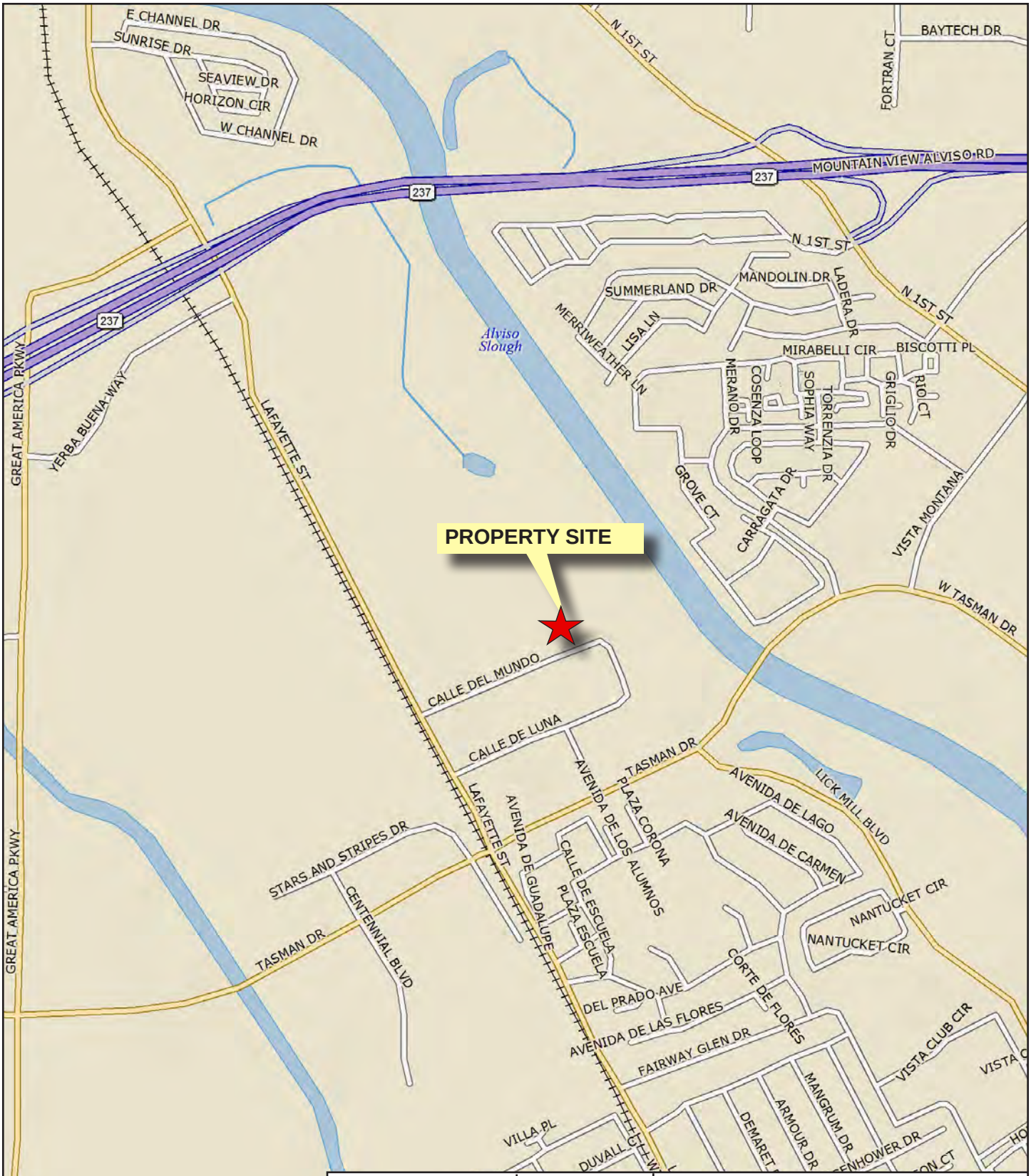

AllWest

PROJECT NO. 18T023.20

| |
|---|
| REGIONAL MAP |
| FIGURE 1 |
| 2263 CALLE DEL MUNDO |
| SANTA CLARA, CA 95054 |
| SOURCE: DELORME TOPO |
| PREPARED BY: D. CAMACHO |
| DATE: 7/9/18 |

DELORME

Topo USA® 8




MN (12.5° E)

AllWest

PROJECT NO. 18T023.20

| | |
|---|---|
| VICINITY MAP | |
| FIGURE 2 | |
| 2263 CALLE DEL MUNDO | |
| SANTA CLARA, CA 95054 | |
| SOURCE: DELORME TOPO | |
| PREPARED BY: D. CAMACHO | |
| DATE: 7/9/18 | |

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AllWest

PROJECT NO.
18T023.20

| |
|---|
| AERIAL PHOTO / SITE PLAN |
| FIGURE 3 |
| 2263 CALLE DEL MUNDO |
| SANTA CLARA, CA 95054 |
| SOURCE: GOOGLE |
| PREPARED BY: B. BLACKIE / D. CAMACHO |
| DATE: 7/9/18 |

# PHOTOGRAPHS

# APPENDIX A

**2263 Calle Del Mundo**
2263 Calle Del Mundo
Santa Clara, CA 95054

Inquiry Number: 5339729.2s
June 21, 2018

# The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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## GEOCHECK ADDENDUM

| | |
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***Thank you for your business.***
Please contact EDR at 1-800-352-0050
with any questions or comments.


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# EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

**TARGET PROPERTY INFORMATION**

**ADDRESS**

2263 CALLE DEL MUNDO
SANTA CLARA, CA 95054

**COORDINATES**

| | |
|---|---|
| Latitude (North): | 37.4103920 - 37˚ 24' 37.41'' |
| Longitude (West): | 121.9651330 - 121˚ 57' 54.47'' |
| Universal Tranverse Mercator: | Zone 10 |
| UTM X (Meters): | 591584.8 |
| UTM Y (Meters): | 4140698.2 |
| Elevation: | 9 ft. above sea level |

**USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

| | |
|---|---|
| Target Property Map: | 5640070 MILPITAS, CA |
| Version Date: | 2012 |

**AERIAL PHOTOGRAPHY IN THIS REPORT**

| | |
|---|---|
| Portions of Photo from: | 20140606 |
| Source: | USDA |

## MAPPED SITES SUMMARY

Target Property Address:
2263 CALLE DEL MUNDO
SANTA CLARA, CA 95054

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| Reg | SOUTH BAY ASBESTOS A | FT OF LIBERTY ST GUA | NPL, SEMS, US ENG CONTROLS, US INST CONTROL, CA... | Same | 3361, 0.637, NNW |
| A1 | CENTERLINE PRECISION | 2265 CALLE DEL MUNDO | CA CERS HAZ WASTE, CA CERS | Higher | 1 ft. |
| A2 | VECO CUSTOM OPTICS I | 2273 CALLE DEL MUNDO | CA HAZNET | Higher | 1 ft. |
| A3 | CENTERLINE PRECISION | 2265 CALLE DEL MUNDO | FINDS | Higher | 1 ft. |
| A4 | CENTER LINE PRECISIO | 2265 CALLE DEL MUNDO | CA HAZNET | Higher | 1 ft. |
| A5 | CLARK PRECISION SHEE | 2275 CALLE DEL MUNDO | CA CERS HAZ WASTE, CA CERS | Higher | 1 ft. |
| A6 | CLARK PRECISION SHEE | 2275 CALLE DEL MUNDO | RCRA-SQG, FINDS, ECHO | Higher | 1 ft. |
| A7 | EPZ, INC. | 2262 CALLE DEL MUNDO | CA CERS HAZ WASTE, CA CERS | Higher | 85, 0.016, SE |
| A8 | NU-METAL FINISHING I | 2262 CALLE DEL MUNDO | CA CUPA Listings, CA HAZNET | Higher | 85, 0.016, SE |
| A9 | LEAT COMPANY PRINTIN | 2307 CALLE DEL MUNDO | CA CUPA Listings, CA EMI | Higher | 108, 0.020, SW |
| A10 | LEAT CO PRINTING & G | 2307 CALLE DEL MUNDO | NY MANIFEST | Higher | 108, 0.020, SW |
| A11 | G & K METAL FINISHIN | 2307 CALLE DEL MUNDO | RCRA-SQG, FINDS, ECHO | Higher | 108, 0.020, SW |
| A12 | MOS TOOL & ENGINEERI | 2233 CALLE DEL MUNDO | RCRA-SQG, FINDS, ECHO, CA HAZNET | Lower | 122, 0.023, ENE |
| A13 | SCREEN MANUFACTURING | 2246 CLLE DEL MUNDO | RCRA-SQG, FINDS, ECHO, CA HAZNET | Higher | 129, 0.024, East |
| A14 | WAY OF THE WORLD | 2302 CALLE DEL MUNDO | CA CUPA Listings | Higher | 144, 0.027, SSW |
| A15 | NU METAL FINISHING I | 2262 CALLE DEL MUNDO | PA MANIFEST | Higher | 156, 0.030, SE |
| A16 | NU-METAL FINISHING | 2262 CALLE DEL MUNDO | CA ENVIROSTOR, CA CHMIRS, CA EMI, CA HIST CORTESE,.. | Higher | 156, 0.030, SE |
| A17 | EPZ INC | 2262 CALLE DEL MUNDO | RCRA-LQG | Higher | 156, 0.030, SE |
| A18 | ITALIX CO., INC. | 2232 CALLE DEL MUNDO | CA ENVIROSTOR, CA EMI, CA NPDES, CA WDS, CA CIWQS | Higher | 191, 0.036, ESE |
| A19 | GYREX CORPORATION | 2234 CALLE DEL MUNDO | RCRA NonGen / NLR, FINDS, ECHO | Higher | 191, 0.036, ESE |
| A20 | ITALIX COMPANY INC | 2232 CALLE DEL MUNDO | RCRA-LQG, FINDS, ECHO, CA HAZNET | Higher | 191, 0.036, ESE |
| A21 | ITALIX CO INC | 2232 CALLE DEL MUNDO | CA CUPA Listings, CA CERS HAZ WASTE, CA CERS | Higher | 191, 0.036, ESE |
| A22 | CRAFTMASTER MACHINIS | 2242 CALLE DEL MUNDO | CA CERS HAZ WASTE, CA CERS | Higher | 191, 0.036, ESE |
| A23 | BEAM ON TECHNOLOGY C | 2244 CALLE DEL MUNDO | CA CUPA Listings | Higher | 191, 0.036, ESE |
| B24 | INTA TECHNOLOGIES CO | 2281 CALLE DE LUNA | PA MANIFEST | Higher | 281, 0.053, South |
| C25 | BILL DORAN CO. | 2200 CALLE DE LUNA | CA LUST, CA HIST LUST, CA HIST CORTESE | Lower | 332, 0.063, East |
| C26 | BILL DORAN CO. | 2200 CALLE DE LUNA | CA LUST, CA HIST UST, CA CERS | Lower | 332, 0.063, East |
| D27 | LP GLASSBLOWING, INC | 2330 CALLE DEL MUNDO | CA CERS HAZ WASTE, CA CERS | Higher | 383, 0.073, SW |
| B28 | ABACUS MACHINING & M | 2271 CALLE DE LUNA | RCRA-SQG, FINDS, ECHO | Higher | 418, 0.079, SSE |
| E29 | SHIBAURA TECHNOLOGY | 2221 CALLE DE LUNA | CA CUPA Listings | Higher | 433, 0.082, SE |
| E30 | SHIBAURA TECH INT | 2221 CALLE DE LUNA | RCRA-SQG, FINDS, ECHO | Higher | 433, 0.082, SE |
| C31 | AIR FLIGHT SERVICE | 2220 CALLE DE LUNA | CA CUPA Listings, CA CERS HAZ WASTE, CA CERS | Lower | 436, 0.083, ESE |
| C32 | SOUTH BAY TRUCK & EQ | 2222 CALLE DE LUNA | RCRA-SQG, FINDS, ECHO | Lower | 436, 0.083, ESE |
| B33 | INTA TECHNOLOGIES | 2281 CALLE DE LUNA | RCRA-LQG | Higher | 438, 0.083, South |
| B34 | INTERNATIONAL TECHNI | 2281 CALLE DE LUNA | CA CUPA Listings | Higher | 438, 0.083, South |
| B35 | INTA TECHNOLOGIES | 2281 CALLE DE LUNA | CA CERS HAZ WASTE, CA CERS | Higher | 438, 0.083, South |
| B36 | D&H MANUFACTURING CO | 2301 2309 CALLE DE L | CA Cortese, CA HAZNET | Higher | 448, 0.085, SSW |
| D37 | W&K AUTOMOTIVE | 2338 CALLE DEL MUNDO | CA CUPA Listings | Higher | 496, 0.094, SW |
| D38 | CDM INVESTORS | 2339 CALLE DEL MUNDO | CA CPS-SLIC, CA HAZNET, CA CERS | Higher | 501, 0.095, WSW |

MAPPED SITES SUMMARY

Target Property Address:
2263 CALLE DEL MUNDO
SANTA CLARA, CA 95054

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| D39 | WATTS MACHINING INC. | 2339 CALLE DEL MUNDO | CA CERS HAZ WASTE, CA CERS | Higher | 501, 0.095, WSW |
| D40 | CIRTEX INC | 2309 CALLE DE LUNA | CA HIST UST | Higher | 514, 0.097, SSW |
| B41 | RICHARD AND DONNA WI | 2301 CALLE DE LUNA | RCRA-SQG, CA CPS-SLIC, CA DEED, FINDS, ECHO, CA... | Higher | 519, 0.098, South |
| D42 | ALZETA CORPORATION | 2343 CALLE DEL MUNDO | RCRA-SQG, FINDS, ECHO, CA EMI, CA HAZNET, CA... | Higher | 535, 0.101, WSW |
| C43 | TASMAN EAST PARCEL 5 | 2220 & 2222 CALLE DE | CA CPS-SLIC, CA CERS | Lower | 542, 0.103, ESE |
| E44 | ALTATRON INC | 2264 CALLE DE LUNA | RCRA-SQG, FINDS, ECHO, CA HAZNET | Higher | 547, 0.104, SSE |
| E45 | COATEK INC. | 2272 CALLE DE LUNA | RCRA-LQG | Higher | 547, 0.104, SSE |
| E46 | COATEK INC | 2272 CALLE DE LUNA | CA ENVIROSTOR, CA CUPA Listings, CA EMI, CA NPDES,... | Higher | 547, 0.104, SSE |
| E47 | COATEK INC | 2272 CALLE DE LUNA | RCRA-LQG | Higher | 547, 0.104, SSE |
| D48 | CIRTEX INC | 2346 CALLE DEL MUNDO | RCRA-SQG, FINDS, ECHO, CA EMI | Higher | 590, 0.112, SW |
| F49 | CODY ELECTRONICS INC | 5128 CALLE DEL SOL | CA CUPA Listings, CA HAZNET | Higher | 608, 0.115, South |
| F50 | SUN CIRCUITS INC | 5124 CALLE DEL SOL | RCRA-SQG, FINDS, ECHO, CA CUPA Listings, CA HAZNET | Higher | 615, 0.116, South |
| F51 | SUN CIRCUITS INC | 5124 CALLE DEL SOL | MN MANIFEST | Higher | 615, 0.116, South |
| E52 | 2278 CALLE DE LUNA | 2278 CALLE DE LUNA | CA CPS-SLIC, CA CERS | Higher | 622, 0.118, SSE |
| G53 | AMALAR INC | 2317 CALLE DE LUNA | RCRA-SQG, FINDS, ECHO | Higher | 630, 0.119, SSW |
| G54 | L P GLASSBLOWING INC | 2325 CALLE DE LUNA | CA CERS HAZ WASTE, CA CERS | Higher | 676, 0.128, SSW |
| H55 | SUN CIRCUITS INC | 2354 CALLE DEL MUNDO | CA CUPA Listings | Higher | 681, 0.129, SW |
| G56 | GATEWAY PRECISION IN | 2300 CALLE DE LUNA | CA CERS HAZ WASTE, CA CERS | Higher | 756, 0.143, SSW |
| H57 | SUN CIRCUITS, INC. | 5191 LAFAYETTE STREE | RCRA-SQG | Higher | 802, 0.152, SW |
| H58 | SUN CIRCUITS, INC. | 5191 LAFAYETTE ST. | RCRA-LQG, CA ENVIROSTOR, FINDS, ECHO, CA WDS | Higher | 802, 0.152, SW |
| H59 | SUN CIRCUITS INC | 5191 LAFAYETTE AV | CA CUPA Listings | Higher | 802, 0.152, SW |
| G60 | GUIDED DELIVERY SYST | 2355 CALLE DE LUNA | RCRA-SQG, CA HAZNET | Higher | 809, 0.153, SW |
| I61 | WESTERN DIGITAL CORP | 5102 CALLE DEL SOL | RCRA NonGen / NLR, FINDS, ECHO | Higher | 851, 0.161, South |
| I62 | WESTERN DIGITAL | 5102 CALLE DEL SOL | CA ENVIROSTOR | Higher | 851, 0.161, South |
| I63 | SIVA POWER | 5102 CALLE DEL SOL | CA CERS HAZ WASTE, CA CERS | Higher | 876, 0.166, South |
| J64 | BEAM ON TECHNOLOGY C | 2318 CALLE DE LUNA | CA CERS HAZ WASTE, CA CERS | Higher | 912, 0.173, SSW |
| J65 | BEAM ON TECHNOLOGY C | 2318 CALLE DE LUNA | RCRA-LQG, FINDS | Higher | 912, 0.173, SSW |
| J66 | NMN INC | 2318 CALLE DE LUNA | MN MANIFEST | Higher | 912, 0.173, SSW |
| J67 | PARAGON ELECTRONIC S | 2318 CALLE DE LUNA | CA ENVIROSTOR | Higher | 912, 0.173, SSW |
| J68 | PARAGON | 2318 CALLE DE LUNA | CA HIST UST | Higher | 912, 0.173, SSW |
| J69 | PARAGON ELECTRONIC S | 2318 CALLE DE LUNA | CA CUPA Listings, CA EMI, CA CIWQS | Higher | 912, 0.173, SSW |
| J70 | CALIFORNIA MACHINING | 5181 LAFAYETTE ST | CA CUPA Listings | Higher | 934, 0.177, SW |
| J71 | INTERNATIONAL SPRAY | 5171 LAFAYETTE ST | CA CUPA Listings, CA HAZNET | Higher | 964, 0.183, SSW |
| J72 | NU-METAL FINISHING I | 5171 LAFAYETTE STREE | RCRA NonGen / NLR, FINDS, ECHO | Higher | 964, 0.183, SSW |
| K73 | SERVER FARM REALTY | 5101 LAFAYETTE ST | CA CERS TANKS, CA CERS | Higher | 1011, 0.191, SSW |
| K74 | WESTERN DIGITAL CORP | 5101 LAFAYETTE ST | CA CUPA Listings | Higher | 1166, 0.221, SSW |
| K75 | MICRO LITHOGRAPHY IN | 5101 LAFAYETTE ST | RCRA-SQG, CA EMI, CA HAZNET | Higher | 1166, 0.221, SSW |
| K76 | SERVER FARM REALTY | 5101 LAFAYETTE ST | CA AST | Higher | 1166, 0.221, SSW |
| 77 | THE ENCLAVE APARTMEN | 4343 RENAISSANCE DR | CA SAN JOSE HAZMAT | Lower | 1233, 0.234, NNE |

## MAPPED SITES SUMMARY

Target Property Address:
2263 CALLE DEL MUNDO
SANTA CLARA, CA 95054

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| 78 | ALL PURPOSE LANDFILL | 5401 LAFAYETTE STREE | CA ENVIROSTOR, CA CHMIRS, CA HIST CORTESE | Higher | 1289, 0.244, WNW |
| 79 | AKASHIC MEMORIES COR | 305 W TASMAN | CA ENVIROSTOR, CA CHMIRS, CA EMI | Lower | 2090, 0.396, ENE |
| 80 | SANTA CLARA GATEWAY | GREAT AMERICA WAY & | CA ENVIROSTOR, CA VCP, CA DEED | Lower | 2564, 0.486, NW |
| 81 | ULISTAC NATURAL AREA | TASMAN AT LICK MILL | CA CPS-SLIC, CA CERS | Higher | 2616, 0.495, ESE |
| 82 | SUPERTEX | 71 VISTA MONTANA | CA ENVIROSTOR, CA VCP, CA WDS | Higher | 2756, 0.522, ENE |
| 83 | GIANERA 2 - HABITAT | 2261 - 2285 GIANERA | CA ENVIROSTOR, CA VCP | Higher | 3231, 0.612, South |
| 84 | HOGAN DRIVE PROPERTY | HOGAN DRIVE AND LAFA | CA ENVIROSTOR, CA VCP | Higher | 3316, 0.628, South |
| 85 | VISTA MONTANA PARK | 4145 N. 1ST STREET | CA ENVIROSTOR, CA VCP, CA DEED, CA SAN JOSE HAZMAT | Higher | 3450, 0.653, ENE |
| 86 | CISCO SYSTEMS SITE 6 | NORTH FIRST STREET A | CA ENVIROSTOR, CA VCP, CA DEED | Higher | 3534, 0.669, North |
| 87 | ASSEMBLY @ NORTH FIR | 4000 NORTH FIRST STR | CA ENVIROSTOR, CA NPDES, CA WDS, CA CIWQS | Higher | 3765, 0.713, ENE |
| 88 | SUNPOWER CORP. | 3939 N FIRST ST | CA ENVIROSTOR | Higher | 3926, 0.744, ENE |
| L89 | NORTH FIRST STREET P | 3901 NORTH FIRST STR | CA BOND EXP. PLAN | Higher | 4311, 0.816, East |
| L90 | SVTC TECHNOLOGIES LL | 3901 N FIRST ST | SEMS-ARCHIVE, RCRA-SQG, CA RESPONSE, CA... | Higher | 4311, 0.816, East |
| 91 | TWIN CREEKS TECHNOLO | 3930 N. FIRST STREET | CA ENVIROSTOR | Higher | 4345, 0.823, ENE |
| 92 | SILICON GENESIS CORP | 145 BAYTECH DRIVE | CA ENVIROSTOR | Lower | 4939, 0.935, NNE |
| 93 | LUMENTUM OPERATIONS | 80 ROSE ORCHARD WAY | RCRA-LQG, CA ENVIROSTOR, FINDS, ECHO | Higher | 4944, 0.936, ENE |
| 94 | PANTRONIX CORP. - SA | 145 RIO ROBLES DRIVE | CA ENVIROSTOR | Higher | 5063, 0.959, ESE |

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## STANDARD ENVIRONMENTAL RECORDS

***Federal NPL site list***

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing

***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

***Federal RCRA generators list***

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System

***Federal ERNS list***

ERNS..... Emergency Response Notification System

***State and tribal landfill and/or solid waste disposal site lists***

CA SWF/LF..... Solid Waste Information System

***State and tribal leaking storage tank lists***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

# EXECUTIVE SUMMARY

***State and tribal registered storage tank lists***

FEMA UST..... Underground Storage Tank Listing
CA UST..... Active UST Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

***State and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

***State and tribal Brownfields sites***

CA BROWNFIELDS..... Considered Brownfieds Sites Listing

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

***Local Lists of Landfill / Solid Waste Disposal Sites***

CA WMUDS/SWAT..... Waste Management Unit Database
CA SWRCY..... Recycler Database
CA HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL..... Delisted National Clandestine Laboratory Register
CA SCH..... School Property Evaluation Program
CA CDL..... Clandestine Drug Labs
CA Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register

***Local Lists of Registered Storage Tanks***

CA SWEEPS UST..... SWEEPS UST Listing
CA FID UST..... Facility Inventory Database

***Local Land Records***

CA LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information

***Records of Emergency Release Reports***

HMIRS..... Hazardous Materials Information Reporting System
CA LDS..... Land Disposal Sites Listing
CA MCS..... Military Cleanup Sites Listing

CA SPILLS 90 ..... SPILLS 90 data from FirstSearch

***Other Ascertainable Records***

FUDS ..... Formerly Used Defense Sites
DOD ..... Department of Defense Sites
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ..... Financial Assurance Information
EPA WATCH LIST ..... EPA WATCH LIST
2020 COR ACTION ..... 2020 Corrective Action Program List
TSCA ..... Toxic Substances Control Act
TRIS ..... Toxic Chemical Release Inventory System
SSTS ..... Section 7 Tracking Systems
RMP ..... Risk Management Plans
RAATS ..... RCRA Administrative Action Tracking System
PADS ..... PCB Activity Database System
MLTS ..... Material Licensing Tracking System
COAL ASH DOE ..... Steam-Electric Plant Operation Data
COAL ASH EPA ..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ..... PCB Transformer Registration Database
RADINFO ..... Radiation Information Database
DOT OPS ..... Incident and Accident Data
CONSENT ..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV ..... Indian Reservations
FUSRAP ..... Formerly Utilized Sites Remedial Action Program
UMTRA ..... Uranium Mill Tailings Sites
LEAD SMELTERS ..... Lead Smelter Sites
US AIRS ..... Aerometric Information Retrieval System Facility Subsystem
US MINES ..... Mines Master Index File
ABANDONED MINES ..... Abandoned Mines
UXO ..... Unexploded Ordnance Sites
DOCKET HWC ..... Hazardous Waste Compliance Docket Listing
FUELS PROGRAM ..... EPA Fuels Program Registered Listing
CA DRYCLEANERS ..... Cleaner Facilities
CA Financial Assurance ..... Financial Assurance Information Listing
CA ICE ..... ICE
CA HWP ..... EnviroStor Permitted Facilities Listing
CA HWT ..... Registered Hazardous Waste Transporter Database
CA MINES ..... Mines Site Location Listing
CA MWMP ..... Medical Waste Management Program Listing
CA PEST LIC ..... Pesticide Regulation Licenses Listing
CA PROC ..... Certified Processors Database
CA Notify 65 ..... Proposition 65 Records
CA UIC ..... UIC Listing
CA WASTEWATER PITS ..... Oil Wastewater Pits Listing
CA WIP ..... Well Investigation Program Case List
CA PROJECT ..... PROJECT (GEOTRACKER)
CA PROD WATER PONDS ..... PROD WATER PONDS (GEOTRACKER)
CA SAMPLING POINT ..... SAMPLING POINT (GEOTRACKER)
CA WELL STIM PROJ ..... Well Stimulation Project (GEOTRACKER)
CA UIC GEO ..... UIC GEO (GEOTRACKER)
CA MILITARY PRIV SITES ..... MILITARY PRIV SITES (GEOTRACKER)
CA OTHER OIL GAS ..... OTHER OIL & GAS (GEOTRACKER)
CA NON-CASE INFO ..... NON-CASE INFO (GEOTRACKER)

**EDR HIGH RISK HISTORICAL RECORDS**

***EDR Exclusive Records***

EDR MGP ..... EDR Proprietary Manufactured Gas Plants

# EXECUTIVE SUMMARY

EDR Hist Auto..... EDR Exclusive Historical Auto Stations
EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

**EDR RECOVERED GOVERNMENT ARCHIVES**

***Exclusive Recovered Govt. Archives***

CA RGA LF..... Recovered Government Archive Solid Waste Facilities List
CA RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

**SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

**STANDARD ENVIRONMENTAL RECORDS**

***Federal NPL site list***

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 12/11/2017 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SOUTH BAY ASBESTOS A*** | ***FT OF LIBERTY ST GUA*** | ***NNW 1/2 - 1 (0.637 mi.)*** | ***0*** | ***9*** |

***Federal RCRA generators list***

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/11/2017 has revealed that there are 7 RCRA-LQG sites within approximately 0.25 miles of the target property.

# EXECUTIVE SUMMARY

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| EPZ INC | 2262 CALLE DEL MUNDO | SE 0 - 1/8 (0.030 mi.) | A17 | 105 |
| ***ITALIX COMPANY INC*** | ***2232 CALLE DEL MUNDO*** | ***ESE 0 - 1/8 (0.036 mi.)*** | ***A20*** | ***133*** |
| INTA TECHNOLOGIES | 2281 CALLE DE LUNA | S 0 - 1/8 (0.083 mi.) | B33 | 201 |
| COATEK INC. | 2272 CALLE DE LUNA | SSE 0 - 1/8 (0.104 mi.) | E45 | 258 |
| COATEK INC | 2272 CALLE DE LUNA | SSE 0 - 1/8 (0.104 mi.) | E47 | 272 |
| ***SUN CIRCUITS, INC.*** | ***5191 LAFAYETTE ST.*** | ***SW 1/8 - 1/4 (0.152 mi.)*** | ***H58*** | ***302*** |
| ***BEAM ON TECHNOLOGY C*** | ***2318 CALLE DE LUNA*** | ***SSW 1/8 - 1/4 (0.173 mi.)*** | ***J65*** | ***323*** |

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/11/2017 has revealed that there are 16 RCRA-SQG sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***CLARK PRECISION SHEE*** | ***2275 CALLE DEL MUNDO*** | ***0 - 1/8 (0.000 mi.)*** | ***A6*** | ***50*** |
| ***G & K METAL FINISHIN*** | ***2307 CALLE DEL MUNDO*** | ***SW 0 - 1/8 (0.020 mi.)*** | ***A11*** | ***85*** |
| ***SCREEN MANUFACTURING*** | ***2246 CLLE DEL MUNDO*** | ***E 0 - 1/8 (0.024 mi.)*** | ***A13*** | ***90*** |
| ***ABACUS MACHINING & M*** | ***2271 CALLE DE LUNA*** | ***SSE 0 - 1/8 (0.079 mi.)*** | ***B28*** | ***190*** |
| ***SHIBAURA TECH INT*** | ***2221 CALLE DE LUNA*** | ***SE 0 - 1/8 (0.082 mi.)*** | ***E30*** | ***192*** |
| ***RICHARD AND DONNA WI*** | ***2301 CALLE DE LUNA*** | ***S 0 - 1/8 (0.098 mi.)*** | ***B41*** | ***225*** |
| ***ALZETA CORPORATION*** | ***2343 CALLE DEL MUNDO*** | ***WSW 0 - 1/8 (0.101 mi.)*** | ***D42*** | ***235*** |
| ***ALTATRON INC*** | ***2264 CALLE DE LUNA*** | ***SSE 0 - 1/8 (0.104 mi.)*** | ***E44*** | ***255*** |
| ***CIRTEX INC*** | ***2346 CALLE DEL MUNDO*** | ***SW 0 - 1/8 (0.112 mi.)*** | ***D48*** | ***275*** |
| ***SUN CIRCUITS INC*** | ***5124 CALLE DEL SOL*** | ***S 0 - 1/8 (0.116 mi.)*** | ***F50*** | ***279*** |
| ***AMALAR INC*** | ***2317 CALLE DE LUNA*** | ***SSW 0 - 1/8 (0.119 mi.)*** | ***G53*** | ***284*** |
| SUN CIRCUITS, INC. | 5191 LAFAYETTE STREE | SW 1/8 - 1/4 (0.152 mi.) | H57 | 300 |
| ***GUIDED DELIVERY SYST*** | ***2355 CALLE DE LUNA*** | ***SW 1/8 - 1/4 (0.153 mi.)*** | ***G60*** | ***306*** |
| ***MICRO LITHOGRAPHY IN*** | ***5101 LAFAYETTE ST*** | ***SSW 1/8 - 1/4 (0.221 mi.)*** | ***K75*** | ***343*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***MOS TOOL & ENGINEERI*** | ***2233 CALLE DEL MUNDO*** | ***ENE 0 - 1/8 (0.023 mi.)*** | ***A12*** | ***86*** |
| ***SOUTH BAY TRUCK & EQ*** | ***2222 CALLE DE LUNA*** | ***ESE 0 - 1/8 (0.083 mi.)*** | ***C32*** | ***200*** |

***State- and tribal - equivalent NPL***

CA RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the CA RESPONSE list, as provided by EDR, has revealed that there is 1 CA RESPONSE site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SVTC TECHNOLOGIES LL*** | ***3901 N FIRST ST*** | ***E 1/2 - 1 (0.816 mi.)*** | ***L90*** | ***418*** |

Database: RESPONSE, Date of Government Version: 01/30/2018

Status: Certified
Facility Id: 43990001

***State- and tribal - equivalent CERCLIS***

CA ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 01/30/2018 has revealed that there are 22 CA ENVIROSTOR sites within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SOUTH BAY ASBESTOS A***<br>Facility Id: 43490060<br>Status: Active | ***FT OF LIBERTY ST GUA*** | ***NNW 1/2 - 1 (0.637 mi.)*** | ***0*** | ***9*** |
| ***NU-METAL FINISHING***<br>Facility Id: 71002694<br>Status: Inactive - Needs Evaluation | ***2262 CALLE DEL MUNDO*** | ***SE 0 - 1/8 (0.030 mi.)*** | ***A16*** | ***93*** |
| ***ITALIX CO., INC.***<br>Facility Id: 71002788<br>Status: Inactive - Needs Evaluation | ***2232 CALLE DEL MUNDO*** | ***ESE 0 - 1/8 (0.036 mi.)*** | ***A18*** | ***120*** |
| ***COATEK INC***<br>Facility Id: 71003228<br>Status: Inactive - Needs Evaluation | ***2272 CALLE DE LUNA*** | ***SSE 0 - 1/8 (0.104 mi.)*** | ***E46*** | ***260*** |
| ***SUN CIRCUITS, INC.***<br>Facility Id: 71003561<br>Status: Inactive - Needs Evaluation | ***5191 LAFAYETTE ST.*** | ***SW 1/8 - 1/4 (0.152 mi.)*** | ***H58*** | ***302*** |
| WESTERN DIGITAL<br>Facility Id: 71002774<br>Status: Inactive - Needs Evaluation | 5102 CALLE DEL SOL | S 1/8 - 1/4 (0.161 mi.) | I62 | 311 |
| PARAGON ELECTRONIC S<br>Facility Id: 71003542<br>Status: No Action Required | 2318 CALLE DE LUNA | SSW 1/8 - 1/4 (0.173 mi.) | J67 | 328 |
| ***ALL PURPOSE LANDFILL***<br>Facility Id: 43490056<br>Status: Refer: RWQCB | ***5401 LAFAYETTE STREE*** | ***WNW 1/8 - 1/4 (0.244 mi.)*** | ***78*** | ***348*** |
| ***SUPERTEX***<br>Facility Id: 60000591<br>Facility Id: 71003060<br>Status: Inactive - Action Required<br>Status: Refer: Other Agency | ***71 VISTA MONTANA*** | ***ENE 1/2 - 1 (0.522 mi.)*** | ***82*** | ***370*** |
| ***GIANERA 2 - HABITAT*** | ***2261 - 2285 GIANERA*** | ***S 1/2 - 1 (0.612 mi.)*** | ***83*** | ***373*** |

| | | | | |
|---|---|---|---|---|
| Facility Id: 60001273<br>Status: Certified | | | | |
| ***HOGAN DRIVE PROPERTY***<br>Facility Id: 60000397<br>Status: No Further Action | ***HOGAN DRIVE AND LAFA*** | ***S 1/2 - 1 (0.628 mi.)*** | ***84*** | ***378*** |
| ***VISTA MONTANA PARK***<br>Facility Id: 60000294<br>Status: Active | ***4145 N. 1ST STREET*** | ***ENE 1/2 - 1 (0.653 mi.)*** | ***85*** | ***382*** |
| ***CISCO SYSTEMS SITE 6***<br>Facility Id: 43010027<br>Status: Certified O&M - Land Use Restrictions Only | ***NORTH FIRST STREET A*** | ***N 1/2 - 1 (0.669 mi.)*** | ***86*** | ***400*** |
| ***ASSEMBLY @ NORTH FIR***<br>Facility Id: 71002971<br>Status: Inactive - Needs Evaluation | ***4000 NORTH FIRST STR*** | ***ENE 1/2 - 1 (0.713 mi.)*** | ***87*** | ***412*** |
| SUNPOWER CORP.<br>Facility Id: 71003820<br>Status: Inactive - Needs Evaluation | 3939 N FIRST ST | ENE 1/2 - 1 (0.744 mi.) | 88 | 417 |
| ***SVTC TECHNOLOGIES LL***<br>Facility Id: 71002842<br>Facility Id: 43990001<br>Status: No Further Action<br>Status: Certified | ***3901 N FIRST ST*** | ***E 1/2 - 1 (0.816 mi.)*** | ***L90*** | ***418*** |
| TWIN CREEKS TECHNOLO<br>Facility Id: 71002098<br>Status: Inactive - Needs Evaluation | 3930 N. FIRST STREET | ENE 1/2 - 1 (0.823 mi.) | 91 | 433 |
| ***LUMENTUM OPERATIONS***<br>Facility Id: 71002948<br>Status: Inactive - Needs Evaluation | ***80 ROSE ORCHARD WAY*** | ***ENE 1/2 - 1 (0.936 mi.)*** | ***93*** | ***435*** |
| PANTRONIX CORP. - SA<br>Facility Id: 71003204<br>Status: Inactive - Needs Evaluation | 145 RIO ROBLES DRIVE | ESE 1/2 - 1 (0.959 mi.) | 94 | 448 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***AKASHIC MEMORIES COR***<br>Facility Id: 71003087<br>Status: Inactive - Needs Evaluation | ***305 W TASMAN*** | ***ENE 1/4 - 1/2 (0.396 mi.)*** | ***79*** | ***350*** |
| ***SANTA CLARA GATEWAY***<br>Facility Id: 43290008<br>Status: Certified / Operation & Maintenance | ***GREAT AMERICA WAY &*** | ***NW 1/4 - 1/2 (0.486 mi.)*** | ***80*** | ***354*** |
| SILICON GENESIS CORP<br>Facility Id: 60002120<br>Status: Active | 145 BAYTECH DRIVE | NNE 1/2 - 1 (0.935 mi.) | 92 | 434 |

# EXECUTIVE SUMMARY

***State and tribal leaking storage tank lists***

CA LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA LUST list, as provided by EDR, has revealed that there are 2 CA LUST sites within approximately 0.5 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***BILL DORAN CO.*** | ***2200 CALLE DE LUNA*** | ***E 0 - 1/8 (0.063 mi.)*** | ***C25*** | ***180*** |
| Database: LUST REG 2, Date of Government Version: 09/30/2004<br>Facility Status: Case Closed<br>date9: 5/1/1995 | | | | |
| ***BILL DORAN CO.*** | ***2200 CALLE DE LUNA*** | ***E 0 - 1/8 (0.063 mi.)*** | ***C26*** | ***180*** |
| Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014<br>Database: LUST, Date of Government Version: 03/12/2018<br>Status: Completed - Case Closed<br>Date Closed: 05/01/1995<br>Global Id: T0608500244<br>SCVWD ID: 06S1W15F01F | | | | |

CA CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA CPS-SLIC list, as provided by EDR, has revealed that there are 5 CA CPS-SLIC sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***CDM INVESTORS*** | ***2339 CALLE DEL MUNDO*** | ***WSW 0 - 1/8 (0.095 mi.)*** | ***D38*** | ***216*** |
| Database: CPS-SLIC, Date of Government Version: 03/12/2018<br>Global Id: T10000008100<br>Facility Status: Completed - Case Closed | | | | |
| ***RICHARD AND DONNA WI*** | ***2301 CALLE DE LUNA*** | ***S 0 - 1/8 (0.098 mi.)*** | ***B41*** | ***225*** |
| Database: SLIC REG 2, Date of Government Version: 09/30/2004<br>Database: CPS-SLIC, Date of Government Version: 03/12/2018<br>Global Id: SL0608590095<br>Facility Id: 43S0968<br>Facility Status: Open - Site Assessment | | | | |
| ***2278 CALLE DE LUNA*** | ***2278 CALLE DE LUNA*** | ***SSE 0 - 1/8 (0.118 mi.)*** | ***E52*** | ***283*** |
| Database: CPS-SLIC, Date of Government Version: 03/12/2018<br>Global Id: T10000009993<br>Facility Status: Open - Assessment & Interim Remedial Action | | | | |
| ***ULISTAC NATURAL AREA*** | ***TASMAN AT LICK MILL*** | ***ESE 1/4 - 1/2 (0.495 mi.)*** | ***81*** | ***369*** |
| Database: CPS-SLIC, Date of Government Version: 03/12/2018<br>Global Id: SL0608513780<br>Facility Status: Open - Inactive | | | | |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***TASMAN EAST PARCEL 5*** | ***2220 & 2222 CALLE DE*** | ***ESE 0 - 1/8 (0.103 mi.)*** | ***C43*** | ***254*** |
| Database: CPS-SLIC, Date of Government Version: 03/12/2018 | | | | |

Global Id: T10000008334
Facility Status: Open - Verification Monitoring

CA HIST LUST: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the CA HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there is 1 CA HIST LUST site within approximately 0.5 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***BILL DORAN CO.*** | ***2200 CALLE DE LUNA*** | ***E 0 - 1/8 (0.063 mi.)*** | ***C25*** | ***180*** |
| SCVWD ID: 06S1W15F01 | | | | |

***State and tribal registered storage tank lists***

CA AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the CA AST list, as provided by EDR, has revealed that there is 1 CA AST site within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| SERVER FARM REALTY | 5101 LAFAYETTE ST | SSW 1/8 - 1/4 (0.221 mi.) | K76 | 347 |
| Database: AST, Date of Government Version: 07/06/2016 | | | | |

***State and tribal voluntary cleanup sites***

CA VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the CA VCP list, as provided by EDR, and dated 01/30/2018 has revealed that there is 1 CA VCP site within approximately 0.5 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SANTA CLARA GATEWAY*** | ***GREAT AMERICA WAY &*** | ***NW 1/4 - 1/2 (0.486 mi.)*** | ***80*** | ***354*** |
| Status: Certified / Operation & Maintenance | | | | |
| Facility Id: 43290008 | | | | |

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Lists of Hazardous waste / Contaminated Sites***

# EXECUTIVE SUMMARY

CA HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the CA HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 CA HIST Cal-Sites site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SOUTH BAY ASBESTOS A*** | ***FT OF LIBERTY ST GUA*** | ***NNW 1/2 - 1 (0.637 mi.)*** | ***0*** | ***9*** |

CA CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CA CERS HAZ WASTE list, as provided by EDR, and dated 04/23/2018 has revealed that there are 14 CA CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***CENTERLINE PRECISION*** | ***2265 CALLE DEL MUNDO*** | ***0 - 1/8 (0.000 mi.)*** | ***A1*** | ***39*** |
| ***CLARK PRECISION SHEE*** | ***2275 CALLE DEL MUNDO*** | ***0 - 1/8 (0.000 mi.)*** | ***A5*** | ***46*** |
| ***EPZ, INC.*** | ***2262 CALLE DEL MUNDO*** | ***SE 0 - 1/8 (0.016 mi.)*** | ***A7*** | ***51*** |
| ***ITALIX CO INC*** | ***2232 CALLE DEL MUNDO*** | ***ESE 0 - 1/8 (0.036 mi.)*** | ***A21*** | ***144*** |
| ***CRAFTMASTER MACHINIS*** | ***2242 CALLE DEL MUNDO*** | ***ESE 0 - 1/8 (0.036 mi.)*** | ***A22*** | ***166*** |
| ***LP GLASSBLOWING, INC*** | ***2330 CALLE DEL MUNDO*** | ***SW 0 - 1/8 (0.073 mi.)*** | ***D27*** | ***183*** |
| ***INTA TECHNOLOGIES*** | ***2281 CALLE DE LUNA*** | ***S 0 - 1/8 (0.083 mi.)*** | ***B35*** | ***205*** |
| ***WATTS MACHINING INC.*** | ***2339 CALLE DEL MUNDO*** | ***WSW 0 - 1/8 (0.095 mi.)*** | ***D39*** | ***219*** |
| ***ALZETA CORPORATION*** | ***2343 CALLE DEL MUNDO*** | ***WSW 0 - 1/8 (0.101 mi.)*** | ***D42*** | ***235*** |
| ***L P GLASSBLOWING INC*** | ***2325 CALLE DE LUNA*** | ***SSW 1/8 - 1/4 (0.128 mi.)*** | ***G54*** | ***286*** |
| ***GATEWAY PRECISION IN*** | ***2300 CALLE DE LUNA*** | ***SSW 1/8 - 1/4 (0.143 mi.)*** | ***G56*** | ***293*** |
| ***SIVA POWER*** | ***5102 CALLE DEL SOL*** | ***S 1/8 - 1/4 (0.166 mi.)*** | ***I63*** | ***312*** |
| ***BEAM ON TECHNOLOGY C*** | ***2318 CALLE DE LUNA*** | ***SSW 1/8 - 1/4 (0.173 mi.)*** | ***J64*** | ***314*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***AIR FLIGHT SERVICE*** | ***2220 CALLE DE LUNA*** | ***ESE 0 - 1/8 (0.083 mi.)*** | ***C31*** | ***194*** |

***Local Lists of Registered Storage Tanks***

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 CA HIST UST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| CIRTEX INC<br>Facility Id: 00000053168 | 2309 CALLE DE LUNA | SSW 0 - 1/8 (0.097 mi.) | D40 | 224 |
| PARAGON<br>Facility Id: 00000001077 | 2318 CALLE DE LUNA | SSW 1/8 - 1/4 (0.173 mi.) | J68 | 329 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***BILL DORAN CO.*** | ***2200 CALLE DE LUNA*** | ***E 0 - 1/8 (0.063 mi.)*** | ***C26*** | ***180*** |

# EXECUTIVE SUMMARY

Facility Id: 00000006838

CA CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CA CERS TANKS list, as provided by EDR, and dated 04/23/2018 has revealed that there is 1 CA CERS TANKS site within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SERVER FARM REALTY*** | ***5101 LAFAYETTE ST*** | ***SSW 1/8 - 1/4 (0.191 mi.)*** | ***K73*** | ***337*** |

### *Local Land Records*

CA DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the CA DEED list, as provided by EDR, and dated 02/08/2018 has revealed that there are 2 CA DEED sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***RICHARD AND DONNA WI*** | ***2301 CALLE DE LUNA*** | ***S 0 - 1/8 (0.098 mi.)*** | ***B41*** | ***225*** |
| Status: OPEN - SITE ASSESSMENT | | | | |
| Envirostor ID: SL0608590095 | | | | |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SANTA CLARA GATEWAY*** | ***GREAT AMERICA WAY &*** | ***NW 1/4 - 1/2 (0.486 mi.)*** | ***80*** | ***354*** |
| Status: CERTIFIED / OPERATION & MAINTENANCE | | | | |
| Envirostor ID: 43290008 | | | | |

### *Other Ascertainable Records*

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/11/2017 has revealed that there are 3 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***GYREX CORPORATION*** | ***2234 CALLE DEL MUNDO*** | ***ESE 0 - 1/8 (0.036 mi.)*** | ***A19*** | ***132*** |
| ***WESTERN DIGITAL CORP*** | ***5102 CALLE DEL SOL*** | ***S 1/8 - 1/4 (0.161 mi.)*** | ***I61*** | ***308*** |
| ***NU-METAL FINISHING I*** | ***5171 LAFAYETTE STREE*** | ***SSW 1/8 - 1/4 (0.183 mi.)*** | ***J72*** | ***335*** |

# EXECUTIVE SUMMARY

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 01/09/2018 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SOUTH BAY ASBESTOS A*** | ***FT OF LIBERTY ST GUA*** | ***NNW 1/2 - 1 (0.637 mi.)*** | ***0*** | ***9*** |

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 02/21/2018 has revealed that there are 2 FINDS sites within approximately 0.001 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| CENTERLINE PRECISION | 2265 CALLE DEL MUNDO | 0 - 1/8 (0.000 mi.) | A3 | 45 |
| ***CLARK PRECISION SHEE*** | ***2275 CALLE DEL MUNDO*** | ***0 - 1/8 (0.000 mi.)*** | ***A6*** | ***50*** |

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 02/25/2018 has revealed that there is 1 ECHO site within approximately 0.001 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***CLARK PRECISION SHEE*** | ***2275 CALLE DEL MUNDO*** | ***0 - 1/8 (0.000 mi.)*** | ***A6*** | ***50*** |

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| NORTH FIRST STREET P | 3901 NORTH FIRST STR | E 1/2 - 1 (0.816 mi.) | L89 | 418 |

CA Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the CA Cortese list, as provided by EDR, and dated 03/26/2018 has revealed that there is 1 CA Cortese site within approximately 0.5 miles of the target property.

# EXECUTIVE SUMMARY

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***D&H MANUFACTURING CO*** | ***2301 2309 CALLE DE L*** | ***SSW 0 - 1/8 (0.085 mi.)*** | ***B36*** | ***214*** |

CA CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CA CUPA Listings list, as provided by EDR, has revealed that there are 18 CA CUPA Listings sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***NU-METAL FINISHING I*** | ***2262 CALLE DEL MUNDO*** | ***SE 0 - 1/8 (0.016 mi.)*** | ***A8*** | ***81*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| ***LEAT COMPANY PRINTIN*** | ***2307 CALLE DEL MUNDO*** | ***SW 0 - 1/8 (0.020 mi.)*** | ***A9*** | ***83*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| WAY OF THE WORLD | 2302 CALLE DEL MUNDO | SSW 0 - 1/8 (0.027 mi.) | A14 | 92 |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| ***ITALIX CO INC*** | ***2232 CALLE DEL MUNDO*** | ***ESE 0 - 1/8 (0.036 mi.)*** | ***A21*** | ***144*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| BEAM ON TECHNOLOGY C | 2244 CALLE DEL MUNDO | ESE 0 - 1/8 (0.036 mi.) | A23 | 175 |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| SHIBAURA TECHNOLOGY | 2221 CALLE DE LUNA | SE 0 - 1/8 (0.082 mi.) | E29 | 192 |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| INTERNATIONAL TECHNI | 2281 CALLE DE LUNA | S 0 - 1/8 (0.083 mi.) | B34 | 204 |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| W&K AUTOMOTIVE | 2338 CALLE DEL MUNDO | SW 0 - 1/8 (0.094 mi.) | D37 | 216 |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| ***COATEK INC*** | ***2272 CALLE DE LUNA*** | ***SSE 0 - 1/8 (0.104 mi.)*** | ***E46*** | ***260*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| ***CODY ELECTRONICS INC*** | ***5128 CALLE DEL SOL*** | ***S 0 - 1/8 (0.115 mi.)*** | ***F49*** | ***277*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| ***SUN CIRCUITS INC*** | ***5124 CALLE DEL SOL*** | ***S 0 - 1/8 (0.116 mi.)*** | ***F50*** | ***279*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| SUN CIRCUITS INC | 2354 CALLE DEL MUNDO | SW 1/8 - 1/4 (0.129 mi.) | H55 | 293 |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| SUN CIRCUITS INC | 5191 LAFAYETTE AV | SW 1/8 - 1/4 (0.152 mi.) | H59 | 305 |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| ***PARAGON ELECTRONIC S*** | ***2318 CALLE DE LUNA*** | ***SSW 1/8 - 1/4 (0.173 mi.)*** | ***J69*** | ***330*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| CALIFORNIA MACHINING | 5181 LAFAYETTE ST | SW 1/8 - 1/4 (0.177 mi.) | J70 | 333 |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| ***INTERNATIONAL SPRAY*** | ***5171 LAFAYETTE ST*** | ***SSW 1/8 - 1/4 (0.183 mi.)*** | ***J71*** | ***333*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |
| WESTERN DIGITAL CORP | 5101 LAFAYETTE ST | SSW 1/8 - 1/4 (0.221 mi.) | K74 | 342 |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***AIR FLIGHT SERVICE*** | ***2220 CALLE DE LUNA*** | ***ESE 0 - 1/8 (0.083 mi.)*** | ***C31*** | ***194*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 02/20/2018 | | | | |

# EXECUTIVE SUMMARY

CA HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the CA HAZNET list, as provided by EDR, and dated 12/31/2016 has revealed that there are 2 CA HAZNET sites within approximately 0.001 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| VECO CUSTOM OPTICS I<br>GEPAID: CAD981620891 | 2273 CALLE DEL MUNDO | 0 - 1/8 (0.000 mi.) | A2 | 43 |
| CENTER LINE PRECISIO<br>GEPAID: CAL000212240 | 2265 CALLE DEL MUNDO | 0 - 1/8 (0.000 mi.) | A4 | 45 |

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***NU-METAL FINISHING***<br>Reg Id: 2527 | ***2262 CALLE DEL MUNDO*** | ***SE 0 - 1/8 (0.030 mi.)*** | ***A16*** | ***93*** |
| ***ALL PURPOSE LANDFILL***<br>Reg Id: 43490056 | ***5401 LAFAYETTE STREE*** | ***WNW 1/8 - 1/4 (0.244 mi.)*** | ***78*** | ***348*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***BILL DORAN CO.***<br>Reg Id: 43-0180 | ***2200 CALLE DE LUNA*** | ***E 0 - 1/8 (0.063 mi.)*** | ***C25*** | ***180*** |

MN MANIFEST: Hazardous waste manifest data.

A review of the MN MANIFEST list, as provided by EDR, and dated 06/30/2016 has revealed that there are 2 MN MANIFEST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| SUN CIRCUITS INC | 5124 CALLE DEL SOL | S 0 - 1/8 (0.116 mi.) | F51 | 282 |
| NMN INC | 2318 CALLE DE LUNA | SSW 1/8 - 1/4 (0.173 mi.) | J66 | 324 |

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 12/31/2016 has revealed that there are 2 PA MANIFEST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| NU METAL FINISHING I | 2262 CALLE DEL MUNDO | SE 0 - 1/8 (0.030 mi.) | A15 | 92 |

| | | | | |
|---|---|---|---|---|
| Generator EPA Id: CAD980818488 | | | | |
| INTA TECHNOLOGIES CO<br>Generator EPA Id: CAL000208958 | 2281 CALLE DE LUNA | S 0 - 1/8 (0.053 mi.) | B24 | 175 |

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 04/30/2018 has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| LEAT CO PRINTING & G<br>EPA ID: CAP000093333 | 2307 CALLE DEL MUNDO | SW 0 - 1/8 (0.020 mi.) | A10 | 84 |

CA SAN JOSE HAZMAT: San Jose Hazmat Facilities.

A review of the CA SAN JOSE HAZMAT list, as provided by EDR, and dated 02/04/2018 has revealed that there is 1 CA SAN JOSE HAZMAT site within approximately 0.25 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| THE ENCLAVE APARTMEN<br>File Num: 411459 | 4343 RENAISSANCE DR | NNE 1/8 - 1/4 (0.234 mi.) | 77 | 348 |

CA CERS: The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

A review of the CA CERS list, as provided by EDR, and dated 04/23/2018 has revealed that there are 2 CA CERS sites within approximately 0.001 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***CENTERLINE PRECISION*** | ***2265 CALLE DEL MUNDO*** | ***0 - 1/8 (0.000 mi.)*** | ***A1*** | ***39*** |
| ***CLARK PRECISION SHEE*** | ***2275 CALLE DEL MUNDO*** | ***0 - 1/8 (0.000 mi.)*** | ***A5*** | ***46*** |

# EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

| Site Name | Database(s) |
| --- | --- |
| MARSHLAND DEVELOPMENTS, INC | CA ENVIROSTOR |

# OVERVIEW MAP - 5339729.2S

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

| | |
|---|---|
| SITE NAME: 2263 Calle Del Mundo | CLIENT: Allwest Environmental Inc. |
| ADDRESS: 2263 Calle Del Mundo<br>Santa Clara CA 95054 | CONTACT: Belinda Blackie<br>INQUIRY #: 5339729.2s |
| LAT/LONG: 37.410392 / 121.965133 | DATE: June 21, 2018 11:19 am |

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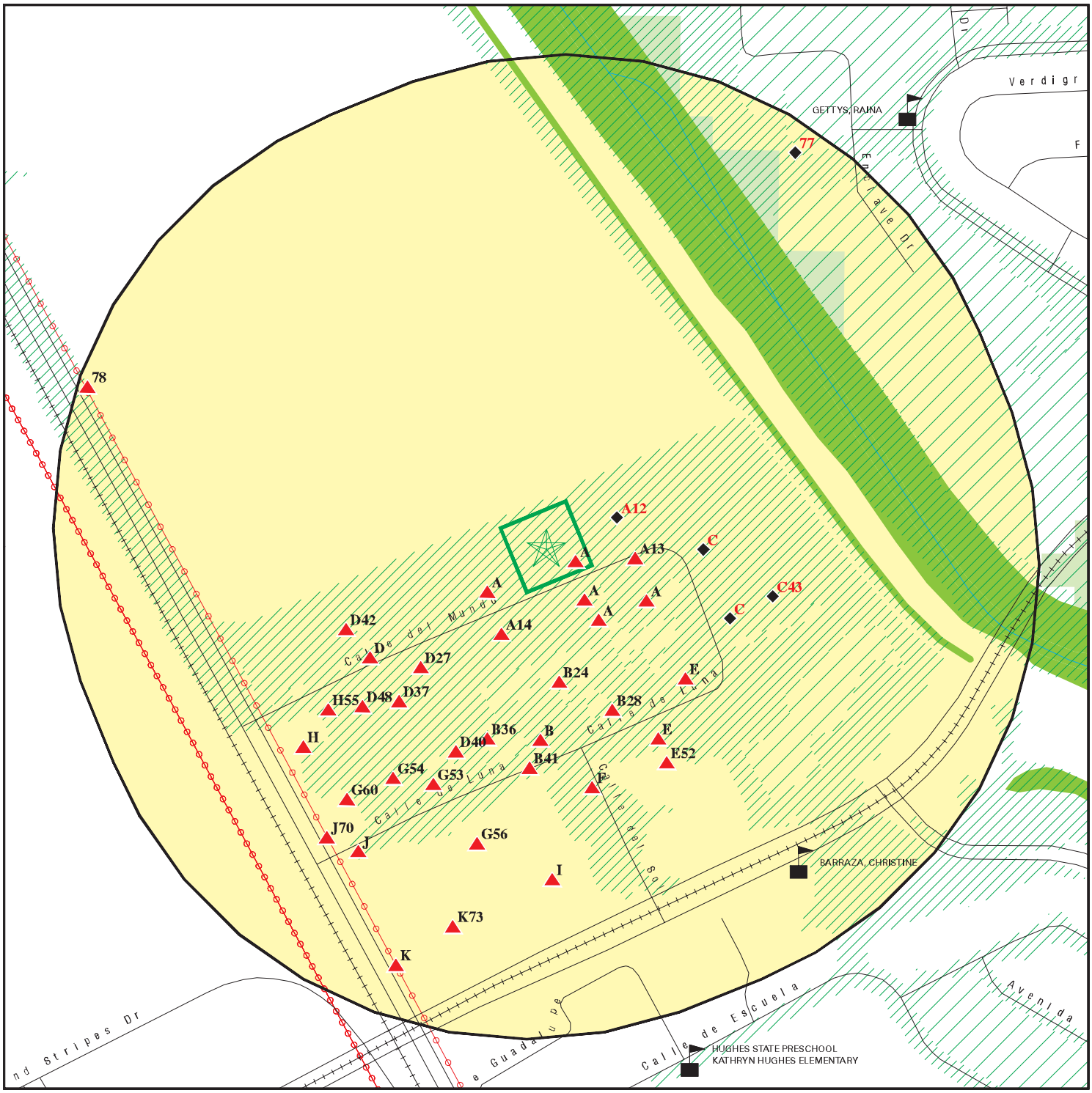
# DETAIL MAP - 5339729.2S




Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

| | |
|---|---|
| SITE NAME: 2263 Calle Del Mundo | CLIENT: Allwest Environmental Inc. |
| ADDRESS: 2263 Calle Del Mundo<br>Santa Clara CA 95054 | CONTACT: Belinda Blackie<br>INQUIRY #: 5339729.2s |
| LAT/LONG: 37.410392 / 121.965133 | DATE: June 21, 2018 11:22 am |

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# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| **STANDARD ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Federal NPL site list*** | | | | | | | | |
| NPL | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| Proposed NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| NPL LIENS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Federal Delisted NPL site list*** | | | | | | | | |
| Delisted NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Federal CERCLIS list*** | | | | | | | | |
| FEDERAL FACILITY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SEMS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal CERCLIS NFRAP site list*** | | | | | | | | |
| SEMS-ARCHIVE | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal RCRA CORRACTS facilities list*** | | | | | | | | |
| CORRACTS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Federal RCRA non-CORRACTS TSD facilities list*** | | | | | | | | |
| RCRA-TSDF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal RCRA generators list*** | | | | | | | | |
| RCRA-LQG | 0.250 | | 5 | 2 | NR | NR | NR | 7 |
| RCRA-SQG | 0.250 | | 13 | 3 | NR | NR | NR | 16 |
| RCRA-CESQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***Federal institutional controls / engineering controls registries*** | | | | | | | | |
| LUCIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US INST CONTROL | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal ERNS list*** | | | | | | | | |
| ERNS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***State- and tribal - equivalent NPL*** | | | | | | | | |
| CA RESPONSE | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| ***State- and tribal - equivalent CERCLIS*** | | | | | | | | |
| CA ENVIROSTOR | 1.000 | | 3 | 4 | 2 | 13 | NR | 22 |
| ***State and tribal landfill and/or solid waste disposal site lists*** | | | | | | | | |
| CA SWF/LF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***State and tribal leaking storage tank lists*** | | | | | | | | |
| CA LUST | 0.500 | | 2 | 0 | 0 | NR | NR | 2 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| INDIAN LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CA CPS-SLIC | 0.500 | | 4 | 0 | 1 | NR | NR | 5 |
| CA HIST LUST | 0.500 | | 1 | 0 | 0 | NR | NR | 1 |
| ***State and tribal registered storage tank lists*** | | | | | | | | |
| FEMA UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA AST | 0.250 | | 0 | 1 | NR | NR | NR | 1 |
| INDIAN UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***State and tribal voluntary cleanup sites*** | | | | | | | | |
| CA VCP | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| INDIAN VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***State and tribal Brownfields sites*** | | | | | | | | |
| CA BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| **ADDITIONAL ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Local Brownfield lists*** | | | | | | | | |
| US BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Landfill / Solid Waste Disposal Sites*** | | | | | | | | |
| CA WMUDS/SWAT | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CA SWRCY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CA HAULERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| INDIAN ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DEBRIS REGION 9 | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IHS OPEN DUMPS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Hazardous waste / Contaminated Sites*** | | | | | | | | |
| US HIST CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA HIST Cal-Sites | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| CA SCH | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA Toxic Pits | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| US CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA CERS HAZ WASTE | 0.250 | | 10 | 4 | NR | NR | NR | 14 |
| ***Local Lists of Registered Storage Tanks*** | | | | | | | | |
| CA SWEEPS UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA HIST UST | 0.250 | | 2 | 1 | NR | NR | NR | 3 |
| CA FID UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA CERS TANKS | 0.250 | | 0 | 1 | NR | NR | NR | 1 |
| ***Local Land Records*** | | | | | | | | |
| CA LIENS | 0.001 | | 0 | NR | NR | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| LIENS 2 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA DEED | 0.500 | | 1 | 0 | 1 | NR | NR | 2 |
| ***Records of Emergency Release Reports*** | | | | | | | | |
| HMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA CHMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA LDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA MCS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA SPILLS 90 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Other Ascertainable Records*** | | | | | | | | |
| RCRA NonGen / NLR | 0.250 | | 1 | 2 | NR | NR | NR | 3 |
| FUDS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| DOD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| SCRD DRYCLEANERS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US FIN ASSUR | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| EPA WATCH LIST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TSCA | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| TRIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SSTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ROD | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| RMP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RAATS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PRP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PADS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ICIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| MLTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH DOE | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH EPA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| PCB TRANSFORMER | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RADINFO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DOT OPS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CONSENT | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| INDIAN RESERV | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FUSRAP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| UMTRA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| LEAD SMELTERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US AIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ABANDONED MINES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FINDS | 0.001 | | 2 | NR | NR | NR | NR | 2 |
| UXO | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| DOCKET HWC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ECHO | 0.001 | | 1 | NR | NR | NR | NR | 1 |
| FUELS PROGRAM | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA BOND EXP. PLAN | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| CA Cortese | 0.500 | | 1 | 0 | 0 | NR | NR | 1 |
| CA CUPA Listings | 0.250 | | 12 | 6 | NR | NR | NR | 18 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| CA DRYCLEANERS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA EMI | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA ENF | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA Financial Assurance | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA HAZNET | 0.001 | | 2 | NR | NR | NR | NR | 2 |
| CA ICE | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA HIST CORTESE | 0.500 | | 2 | 1 | 0 | NR | NR | 3 |
| CA HWP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| CA HWT | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| MN MANIFEST | 0.250 | | 1 | 1 | NR | NR | NR | 2 |
| PA MANIFEST | 0.250 | | 2 | 0 | NR | NR | NR | 2 |
| NY MANIFEST | 0.250 | | 1 | 0 | NR | NR | NR | 1 |
| CA MINES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA MWMP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA NPDES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA PEST LIC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA PROC | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CA Notify 65 | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| CA SAN JOSE HAZMAT | 0.250 | | 0 | 1 | NR | NR | NR | 1 |
| CA UIC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA WASTEWATER PITS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CA WDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA WIP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA PROJECT | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA PROD WATER PONDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA CIWQS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA SAMPLING POINT | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA WELL STIM PROJ | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA UIC GEO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA CERS | 0.001 | | 2 | NR | NR | NR | NR | 2 |
| CA MILITARY PRIV SITES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA OTHER OIL GAS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA NON-CASE INFO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| **EDR HIGH RISK HISTORICAL RECORDS** | | | | | | | | |
| ***EDR Exclusive Records*** | | | | | | | | |
| EDR MGP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| EDR Hist Auto | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| EDR Hist Cleaner | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| **EDR RECOVERED GOVERNMENT ARCHIVES** | | | | | | | | |
| ***Exclusive Recovered Govt. Archives*** | | | | | | | | |
| CA RGA LF | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA RGA LUST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| - Totals -- | | 0 | 68 | 27 | 5 | 18 | 0 | 118 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

| | | | |
|---|---|---|---|
| **NPL** | **SOUTH BAY ASBESTOS AREA** | **NPL** | **1000405018** |
| **Region** | **FT OF LIBERTY ST GUADALUPE RIV** | **SEMS** | **CAD980894885** |
| **NNW** | **ALVISO, CA 95002** | **US ENG CONTROLS** | |
| **1/2-1** | | **US INST CONTROL** | |
| **3361 ft.** | | **CA ENVIROSTOR** | |
| | | **CA HIST Cal-Sites** | |
| | | **CA DEED** | |
| | | **ROD** | |
| | | **PRP** | |
| | | **ICIS** | |
| | | **CA Cortese** | |
| | | **CA HIST CORTESE** | |

NPL:

| | |
|---|---|
| EPA ID: | CAD980894885 |
| Cerclis ID: | 902250 |
| EPA Region: | 9 |
| Federal: | N |
| Final Date: | 1986-06-10 00:00:00 |
| Site Score: | 44.68 |
| Latitude: | 37.429861000000002 |
| Longitude: | -121.9811 |

Category Details:

| | |
|---|---|
| NPL Status: | Currently on the Final NPL |
| Category Description: | Depth To Aquifer-> 10 And <= 25 Feet |
| Category Value: | 14 |
| | |
| NPL Status: | Currently on the Final NPL |
| Category Description: | Distance To Nearest Population-> 0 And <= 1/4 Mile |
| Category Value: | 10 |

Site Details:

| | |
|---|---|
| Site Name: | SOUTH BAY ASBESTOS AREA |
| Site Status: | Final |
| Site Zip: | 95002 |
| Site City: | ALVISO |
| Site State: | CA |
| Federal Site: | No |
| Site County: | SANTA CLARA |
| EPA Region: | 09 |
| Date Proposed: | 10/15/84 |
| Date Deleted: | Not reported |
| Date Finalized: | 06/10/86 |

Substance Details:

| | |
|---|---|
| NPL Status: | Currently on the Final NPL |
| Substance ID: | Not reported |
| Substance: | Not reported |
| CAS #: | Not reported |
| Pathway: | Not reported |
| Scoring: | Not reported |
| | |
| NPL Status: | Currently on the Final NPL |
| Substance ID: | U013 |
| Substance: | ASBESTOS |
| CAS #: | 1332-21-4 |
| Pathway: | AIR PATHWAY |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U013
Substance: ASBESTOS
CAS #: 1332-21-4
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U013
Substance: ASBESTOS
CAS #: 1332-21-4
Pathway: SURFACE WATER PATHWAY
Scoring: 3

Summary Details:

Conditions at proposal October 15, 1984): Portions of Alviso, California, located in north Santa Clara County on the southern edge of the San Francisco Bay, served as dumping areas for over 30 years. Companies disposed of asbestos waste inan old municipal landfill. In addition, asbestos waste was used for fill material at various locations throughout the town. The site was first proposed for listing under the name Alviso Dumping Areas. Soil in the old landfill and around homes contains asbestos, according to tests conducted by the State. Construction activities and wind action stir up asbestos-laden dust, posing a potential health risk to residents. EPA and the State plan to continue sampling the soil and air throughout the l-square-mile area to determine the degree of risk to public health. Evening winds may transport asbestos to the San Francisco Bay National Wildlife Refuge, which borders the town and harbors several endangered species. Status June 10, 1986): In July l985, EPA entered into an Interagency Agreement with the U.S. Army Corps of Engineers to conduct a remedial investigation/feasibility study to determine the extent of contamination at the site and identify alternatives for remedial action. The remedial investigation is scheduled to begin in the spring of 1986. In October 1985, two areas of the town were paved to prevent exposure of residents to potentially significant levels of asbestosfibers. Additional measures are being considered to further reduce exposures to asbestos fibers.

Site Status Details:
NPL Status: Final
Proposed Date: 10/15/1984
Final Date: 06/10/1986
Deleted Date: Not reported

Narratives Details:
NPL Name: SOUTH BAY ASBESTOS AREA
City: ALVISO
State: CA

SEMS:
Site ID: 902250
EPA ID: CAD980894885
Cong District: Not reported
FIPS Code: 6085

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Latitude: 37.429861000000002
Longitude: -121.9811
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:

Region: 9
Site ID: 902250
EPA ID: CAD980894885
Site Name: SOUTH BAY ASBESTOS AREA
NPL: F
FF: N
OU: 0
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 1984-04-01 00:00:00
Finish Date: 4/1/1984
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 902250
EPA ID: CAD980894885
Site Name: SOUTH BAY ASBESTOS AREA
NPL: F
FF: N
OU: 0
Action Code: NF
Action Name: NPL FINL
SEQ: 1
Start Date: 1986-06-10 00:00:00
Finish Date: 6/10/1986
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 902250
EPA ID: CAD980894885
Site Name: SOUTH BAY ASBESTOS AREA
NPL: F
FF: N
OU: 0
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 1984-10-15 00:00:00
Finish Date: 10/15/1984
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 902250
EPA ID: CAD980894885
Site Name: SOUTH BAY ASBESTOS AREA
NPL: F
FF: N

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| OU: | 1 |
| Action Code: | CO |
| Action Name: | RI/FS |
| SEQ: | 1 |
| Start Date: | 1985-07-11 00:00:00 |
| Finish Date: | 9/29/1988 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 0 |
| Action Code: | RS |
| Action Name: | RV ASSESS |
| SEQ: | 1 |
| Start Date: | 1990-07-02 00:00:00 |
| Finish Date: | 7/2/1990 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 0 |
| Action Code: | PA |
| Action Name: | PA |
| SEQ: | 1 |
| Start Date: | 1984-04-01 00:00:00 |
| Finish Date: | 4/1/1984 |
| Qual: | H |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 2 |
| Action Code: | RD |
| Action Name: | RD |
| SEQ: | 1 |
| Start Date: | 1989-09-14 00:00:00 |
| Finish Date: | 9/30/1991 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 0 |
| Action Code: | RV |
| Action Name: | RMVL |
| SEQ: | 1 |
| Start Date: | 1985-10-14 00:00:00 |
| Finish Date: | 5/20/1986 |
| Qual: | S |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 2 |
| Action Code: | RO |
| Action Name: | ROD |
| SEQ: | 3 |
| Start Date: | 1989-09-29 00:00:00 |
| Finish Date: | 9/29/1989 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 0 |
| Action Code: | MA |
| Action Name: | ST COOP |
| SEQ: | 1 |
| Start Date: | 1989-04-30 00:00:00 |
| Finish Date: | 1/4/2016 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 0 |
| Action Code: | CM |
| Action Name: | PCOR |
| SEQ: | 1 |
| Start Date: | 1998-09-23 00:00:00 |
| Finish Date: | 9/23/1998 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 0 |
| Action Code: | TG |
| Action Name: | TA GRANT |
| SEQ: | 1 |
| Start Date: | 1992-06-18 00:00:00 |
| Finish Date: | 1/4/2016 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 1 |
| Action Code: | AR |
| Action Name: | ADMIN REC |
| SEQ: | 2 |
| Start Date: | 1988-06-28 00:00:00 |
| Finish Date: | 12/11/2015 |
| Qual: | E |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 2 |
| Action Code: | CO |
| Action Name: | RI/FS |
| SEQ: | 2 |
| Start Date: | 1985-07-11 00:00:00 |
| Finish Date: | 9/29/1989 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 0 |
| Action Code: | RV |
| Action Name: | RMVL |
| SEQ: | 2 |
| Start Date: | 1987-05-28 00:00:00 |
| Finish Date: | 7/6/1987 |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Qual: S
Current Action Lead: EPA Perf

Region: 9
Site ID: 902250
EPA ID: CAD980894885
Site Name: SOUTH BAY ASBESTOS AREA
NPL: F
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1983-11-01 00:00:00
Finish Date: 11/1/1983
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 902250
EPA ID: CAD980894885
Site Name: SOUTH BAY ASBESTOS AREA
NPL: F
FF: N
OU: 0
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1984-04-01 00:00:00
Finish Date: 4/1/1984
Qual: H
Current Action Lead: EPA Perf

Region: 9
Site ID: 902250
EPA ID: CAD980894885
Site Name: SOUTH BAY ASBESTOS AREA
NPL: F
FF: N
OU: 0
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 1991-09-16 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 902250
EPA ID: CAD980894885
Site Name: SOUTH BAY ASBESTOS AREA
NPL: F
FF: N
OU: 0
Action Code: CR
Action Name: CI

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| SEQ: | 2 |
| Start Date: | 1985-12-09 00:00:00 |
| Finish Date: | 9/30/1998 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 0 |
| Action Code: | RS |
| Action Name: | RV ASSESS |
| SEQ: | 2 |
| Start Date: | 1991-02-26 00:00:00 |
| Finish Date: | 2/26/1991 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 0 |
| Action Code: | FE |
| Action Name: | 5 YEAR |
| SEQ: | 5 |
| Start Date: | 2014-11-12 00:00:00 |
| Finish Date: | 9/10/2015 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 0 |
| Action Code: | AR |
| Action Name: | ADMIN REC |
| SEQ: | 3 |
| Start Date: | 2003-11-06 00:00:00 |
| Finish Date: | 11/6/2003 |
| Qual: | V |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| OU: | 0 |
| Action Code: | FE |
| Action Name: | 5 YEAR |
| SEQ: | 4 |
| Start Date: | 2010-04-16 00:00:00 |
| Finish Date: | 9/22/2010 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 0 |
| Action Code: | FE |
| Action Name: | 5 YEAR |
| SEQ: | 3 |
| Start Date: | 2005-03-31 00:00:00 |
| Finish Date: | 9/27/2005 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 0 |
| Action Code: | RV |
| Action Name: | RMVL |
| SEQ: | 3 |
| Start Date: | 2003-10-27 00:00:00 |
| Finish Date: | 11/4/2003 |
| Qual: | C |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 0 |
| Action Code: | RS |
| Action Name: | RV ASSESS |
| SEQ: | 3 |
| Start Date: | 2001-10-04 00:00:00 |
| Finish Date: | 4/22/2002 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 0 |
| Action Code: | FE |
| Action Name: | 5 YEAR |
| SEQ: | 2 |
| Start Date: | 2000-05-01 00:00:00 |
| Finish Date: | 9/29/2000 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 1 |
| Action Code: | RO |
| Action Name: | ROD |
| SEQ: | 2 |
| Start Date: | 1988-09-29 00:00:00 |
| Finish Date: | 9/29/1988 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 1 |
| Action Code: | BE |
| Action Name: | PRP RD |
| SEQ: | 2 |
| Start Date: | 1992-12-03 00:00:00 |
| Finish Date: | 10/15/1993 |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 1 |
| Action Code: | BF |
| Action Name: | PRP RA |
| SEQ: | 2 |
| Start Date: | 1993-10-15 00:00:00 |
| Finish Date: | 9/30/1998 |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 2 |
| Action Code: | BE |
| Action Name: | PRP RD |
| SEQ: | 1 |
| Start Date: | 1991-09-30 00:00:00 |
| Finish Date: | 5/11/1992 |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 2 |
| Action Code: | BF |
| Action Name: | PRP RA |
| SEQ: | 1 |
| Start Date: | 1992-05-11 00:00:00 |
| Finish Date: | 9/30/1993 |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |

US ENG CONTROLS:

| | |
|---|---|
| EPA ID: | CAD980894885 |
| Site ID: | 0902250 |
| Name: | SOUTH BAY ASBESTOS AREA |
| Address: | FT OF LIBERTY ST GUADALUPE RIV<br>ALVISO, CA 95002 |
| EPA Region: | 09 |
| County: | SANTA CLARA |
| Event Code: | Not reported |
| Actual Date: | 09/30/2011 |
| Contact Name: | Not reported |
| Contact Phone and Ext: | Not reported |
| Event Code Description: | Not reported |

| | |
|---|---|
| Action ID: | 002 |
| Action Name: | Explanation Of Significant Differences |
| Action Completion date: | 11/18/1993 |
| Operable Unit: | 01 |
| Contaminated Media : | Soil |
| Engineering Control: | Disposal |
| Contact Name: | Not reported |
| Contact Phone and Ext: | Not reported |
| Event Code Description: | Not reported |

| | |
|---|---|
| Action ID: | 002 |
| Action Name: | Explanation Of Significant Differences |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Action Completion date: 11/18/1993
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: Explanation Of Significant Differences
Action Completion date: 09/28/2011
Operable Unit: 02
Contaminated Media : Air
Engineering Control: Non-fundamental change (ESD)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: Explanation Of Significant Differences
Action Completion date: 09/28/2011
Operable Unit: 02
Contaminated Media : Solid Waste
Engineering Control: Non-fundamental change (ESD)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1988
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Revegetation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1988
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Soil Cover
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Debris
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Debris
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Cap
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Dust Suppression
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Impermeable Barrier
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Operations & Maintenance (O&M)
Contact Name: Not reported

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Other, (N.O.S.)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Solid Waste
Engineering Control: Operations & Maintenance (O&M)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: ROD Amendment
Action Completion date: 06/26/1991
Operable Unit: 01
Contaminated Media : Solid Waste
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: ROD Amendment
Action Completion date: 06/26/1991
Operable Unit: 01
Contaminated Media : Solid Waste
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: ROD Amendment
Action Completion date: 06/26/1991
Operable Unit: 01
Contaminated Media : Solid Waste
Engineering Control: Waterline Replacement
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

US INST CONTROL:
EPA ID: CAD980894885
Site ID: 0902250

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Name: SOUTH BAY ASBESTOS AREA
Action Name: RECORD OF DECISION
Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: 09/30/1989
Complet. Date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Event Code Description: Not reported

ENVIROSTOR:
Facility ID: 43490060
Status: Active
Status Date: 01/01/1985
Site Code: 200091
Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: 550
NPL: YES
Regulatory Agencies: SMBRP, RWQCB 2 - San Francisco Bay, US EPA, CITY OF SAN JOSE
Lead Agency: US EPA
Program Manager: Mark Piros
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: EPA - Multi-Site Cooperative Agreement
Restricted Use: YES
Site Mgmt Req: FOUN, DAY, HOS, LUC, NOWN, NSUB, SCH, RES
Funding: Responsible Party
Latitude: 37.44105
Longitude: -121.9825
APN: 15-34-27, 15-34-27, 15-34-28, 15-34-28, 15-34-28, 15-34-28, 15-34-43, 15-34-81, 15-34-81, 15-34-82, 15-34-82, 15-34-83, 15-34-83, 15-34-84, 15-34-84, 15-34-90, 15-34-90
Past Use: LANDFILL - DOMESTIC
Potential COC: Asbestos Containing Materials (ACM Naturally Occurring Asbestos (NOA
Confirmed COC: Asbestos Containing Materials (ACM Naturally Occurring Asbestos (NOA
Potential Description: SOIL
Alias Name: COLLISHAW PROPERTY
Alias Type: Alternate Name
Alias Name: HIGHWAY 237 DISPOSAL SITE
Alias Type: Alternate Name
Alias Name: LEGACY PARTNERS
Alias Type: Alternate Name
Alias Name: RING LEVEE SCHEDULE
Alias Type: Alternate Name
Alias Name: SAINTE CLAIRE LANDFILL
Alias Type: Alternate Name
Alias Name: SANTOS LANDFILL
Alias Type: Alternate Name

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Alias Name: | SOUTH BAY ASBESTOS AREA (ALVISO) |
| Alias Type: | Alternate Name |
| Alias Name: | SUMMERSET MOBILE ESTATES |
| Alias Type: | Alternate Name |
| Alias Name: | 15-34-27 |
| Alias Type: | APN |
| Alias Name: | 15-34-27 |
| Alias Type: | APN |
| Alias Name: | 15-34-28 |
| Alias Type: | APN |
| Alias Name: | 15-34-28 |
| Alias Type: | APN |
| Alias Name: | 15-34-28 |
| Alias Type: | APN |
| Alias Name: | 15-34-28 |
| Alias Type: | APN |
| Alias Name: | 15-34-43 |
| Alias Type: | APN |
| Alias Name: | 15-34-81 |
| Alias Type: | APN |
| Alias Name: | 15-34-81 |
| Alias Type: | APN |
| Alias Name: | 15-34-82 |
| Alias Type: | APN |
| Alias Name: | 15-34-82 |
| Alias Type: | APN |
| Alias Name: | 15-34-83 |
| Alias Type: | APN |
| Alias Name: | 15-34-83 |
| Alias Type: | APN |
| Alias Name: | 15-34-84 |
| Alias Type: | APN |
| Alias Name: | 15-34-84 |
| Alias Type: | APN |
| Alias Name: | 15-34-90 |
| Alias Type: | APN |
| Alias Name: | 15-34-90 |
| Alias Type: | APN |
| Alias Name: | 110009329173 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201079 |
| Alias Type: | Site Code - Historical |
| Alias Name: | P21003 |
| Alias Type: | PCode |
| Alias Name: | 200091 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 43490060 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | OU-2 -Ring Levee |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Removal Action Completion Report |
| Completed Date: | 05/27/1997 |
| Comments: | Completed RA. |
| | |
| Completed Area Name: | OU-2 -Ring Levee |
| Completed Sub Area Name: | Not reported |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Completed Document Type: Removal Action Completion Report
Completed Date: 01/06/1994
Comments: Completed RA. In July 1993, US EPA and the responsible parties encapsulated the asbestos contaminated fill in a Highway 237 embankment under construction.

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 06/26/1991
Comments: Issued ROD for the Ring Levee Operable Unit (OU) requiring removal of the entire levee, after flood control improvements on the Coyote Creek were completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/29/1989
Comments: Issued Record of Decision (ROD) for the truckyards/landfill requiring that sampling be conducted on these properties followed by capping or soil removal.

Completed Area Name: OU-2 -Ring Levee
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/29/1988
Comments: Not reported

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Legacy
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 02/27/1989
Comments: Not reported

Completed Area Name: OU-2 -Ring Levee
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 04/30/1986
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 03/30/1986
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/02/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 07/01/1996
Comments: Fact sheet updates the community on the status of the project and the

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

proposed plan to remove the temporay replacement levees.

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Legacy
Completed Document Type: Soils Management Plan
Completed Date: 06/08/2009
Comments: The Soil Management Plan addresses work to be conducted as part of Pacific Gas and Electric's TIVO U/G Service Upgrade project. The project work consists of installing a new power pole and feeders into an existing underground junction box. U.S. EPA approved the Plan on May 28, 2009. DTSC concurred with the Plan on June 8, 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/22/2010
Comments: The U.S. Environmental Protection Agency (EPA) approved the Third Five-Year Review Report. DTSC comments on the draft version of the Report were incorporated in the final version. EPA concluded that the remedy is protective of human health and the environment in the short-term. For the remedy to be protective in the long-term, institutional controls need to be implemented at the Summerset Mobile Estates portion of the former Santos Landfill and the Sainte Claire Landfill. For the Marshland Landfill, EPA needs to prepare an Explanation of Significant Differences that will specify the use of Water Board title 27, California Code of Regulations requirements in lieu of deed restriction as specified in the Record of Decision and that no further controls are needed.

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Saint Claire Landfill Parcels
Completed Document Type: Site Characterization Report
Completed Date: 05/11/2011
Comments: Parcels 015-41-006 and 015-04-015 were formerly operated as the Saint Claire Corporation Landfill. The U.S. EPA Record of Decision required institutional controls to be put in place for these parcels because of the potential presence of asbestos. The Report presents the results of soil sampling performed by the owner of the parcels. Ten soil borings were drilled on the two parcels and a total of 28 soil samples were collected and analyzed for asbestos. Only one of the 28 samples had an asbestos concentration exceeding the 1 percent action levels established by U.S. EPA for the South Bay Asbestos Area. Based on the sampling results, EPA and DTSC have determined that a land use covenant is not needed for the parcels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/10/2015
Comments: The Fourth Five-Year Review Report for the Site was finalized by The U.S. Environmental Protection Agency and was signed by the Acting Assistant Director of the Region 9, Superfund Division on 9/10/2015. The Five-Year Review Report concluded that the Site remedy is protective of human health and the environment. Five recommendations were made in the Five Year Review Report to ensure proper operation of the remedy and continued protectiveness.

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Summerset Mobile Home Estates
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 04/10/2015
Comments: Rutherford MHC Management performed an inspection of the Summerset Mobilehome Park and submitted a report of the inspection to DTSC as required by section 4.06 of the Land Use Covenant to verify compliance with its restrictions and requirements. The report outlined disturbances of the soil that have occurred since the prior report dated September 27, 2012. The report noted that each soil disturbance was performed in compliance with the EPA- and DTSC-approved Soil Management Plan and concluded the property continues to be used in a manner consistent with the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 08/03/2011
Comments: The advisory was provided.

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Summerset Mobile Home Estates
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 10/19/2012
Comments: An inspection was performed and report was submitted by the site owner, as required by section 4.06 of the Land Use Covenant, to verify compliance with its restrictions and requirements. The report documented two projects involving disturbance of the soil. The projects were performed in compliance with the US EPA- and DTSC-approved Soil Management Plan. Site use and activities were found to be in compliance with the Land Use Covenant.

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Legacy
Completed Document Type: Land Use Restriction
Completed Date: 10/21/2004
Comments: Recorded Deed Restrictions.

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Summerset Mobile Home Estates
Completed Document Type: Land Use Restriction
Completed Date: 09/14/2011
Comments: A Land Use Covenant that places restrictions on the Summerset Mobile Home Park was recorded with the Santa Clara County Recorder. The Covenant allows for the property to continue being used as a mobile home park, but prohibits other sensitive uses and requires a soil manangement for activities that disturb the soil.

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 09/30/1991
Comments: Issued Orders to four of the Truckyard owners requiring them to pave their respective yards. By late 1992, three of the truckyards removed all asbestos contaminated fill to residential levels. For Neu Truck Yard, the remaining truck yard property, the US EPA will be

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

conducting soil sampling to determine what further action is required.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 08/05/1991
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2020
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Calsite:
Region: BERKELEY
Facility ID: 43490060
Facility Type: NPRP
Type: NPL SITE, RP-FUNDED
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 01011984
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Listed
SIC Code: 49
SIC Name: ELECTRIC, GAS & SANITARY SERVICES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Unknown
Staff Member Responsible for Site: PLEE1
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 22
State Senate District Code: 10
Facility ID: 43490060
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: RING
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09301991

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | RA |
| Activity Name: | REMOVAL ACTION |
| AWP Code: | RING |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 01061994 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 30000 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | N |
| Activity Comments: | REMOVAL OF FLOOD CONTROL DIKE. |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | RA |
| Activity Name: | REMOVAL ACTION |
| AWP Code: | LEVEE |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 05271997 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 15000 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Action Included Fencing: | Not reported |
| Removal Action Certification: | N |
| Activity Comments: | EXCAVATION, TRANSPORT AND DISPOSAL OF APPROXIMATELY 15,000 CU YDS OFSOIL FROM A TEMPORARY RING LEVEE AT THE NORTH SAN JOSE - ALVISORESERVOIR SITE. |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | CERT |
| Activity Name: | CERTIFICATION |
| AWP Code: | Not reported |
| Proposed Budget: | 0 |
| AWP Completion Date: | 09302005 |
| Revised Due Date: | 07312006 |
| Comments Date: | Not reported |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | ENFFU |
| Activity Name: | ENFORCEMENT FOLLOW UP, AG OR DA REFERRAL, ETC. |
| AWP Code: | SFACT |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 03141997 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Facility ID: | 43490060 |
| Activity: | PPP |
| Activity Name: | PUBLIC PARTICIPATION PLAN |
| AWP Code: | Not reported |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 03301986 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | FRIFS |
| Activity Name: | FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY |
| AWP Code: | RING |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 04301986 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | FRIFS |
| Activity Name: | FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY |
| AWP Code: | LDFL |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 02271989 |
| Est Person-Yrs to complete: | 0 |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | RAP |
| Activity Name: | REMEDIAL ACTION PLAN / RECORD OF DECISION |
| AWP Code: | RING |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 09291988 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | RAP |
| Activity Name: | REMEDIAL ACTION PLAN / RECORD OF DECISION |
| AWP Code: | LDFL |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 09291989 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | RAP |
| Activity Name: | REMEDIAL ACTION PLAN / RECORD OF DECISION |
| AWP Code: | RING |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 06261991 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | ORDER |
| Activity Name: | I/SE, IORSE, FFA, FFSRA, VCA, EA |
| AWP Code: | CNSNT |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 08051991 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Alternate Address: | ABOUT 5 MILES NORTH OF SAN JOSE |
| Alternate City,St,Zip: | ALVISO, CA 95002 |
| Alternate Address: | FT OF LIBERTY ST GUADALUPE RIV |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Alternate City,St,Zip: SAN JOSE, CA 95002
Background Info: requirements of the Soil Management Plan (1997). The construction activities included construction of a Cap (consisting of five two-story office buildings, pavement and 18 inches of clean soil in landscaped areas), and installation of a passive gas collection system to remove methane migrating upward from under the Cap. On June 16, 1999, U.S. EPA and Legacy Partners 2335 LLC entered into an Agreement and Covenant Not to Sue for the Collishaw Property. Santos Landfill - A portion of the Santos Landfill is Parcel 1 of the Eastern Parcel Agreement and Covenant Not to Sue which requires a deed restriction. Parcel 2 (not part of Santos Landfill) is part of the Eastern PPA, also requires a deed restiction since asbestos waste piping was found there. The rest of the Santos Landfill is the Summerset Mobile Estates mobile home park and the property located on the northern side of the Guadalupe River. Santos is planning to send U. S. EPA information that shows that the northern property is not part of the Santos Landfill. Sainte Claire Landfill - is located on the northern side of the Guadalupe River and divided into two parcels by Gold Street. The part on the eastern side of Gold Street is operated as a truck yard/storage yard. The part on the western side of Gold Street is undeveloped. Both parcels require a deed restriction as a landfill area that received asbestos waste in the past. Marshland Landfill is regulated under the RWQCB and a deed restriction has been recorded under the RWQCB authority. U.S. EPA and Legacy Partners entered into a Prospective Purchaser Agreement and Covenant Not to Sue for this area (now known as the Highway 237 Disposal Site) which included another Soil Management Plan during construction.
During the 1950s, several landfills in the Alviso area accepted wastes from an asbestos cement pipe manufacturing facility. This waste was later used for raising the grade of the site and for constructing a ring-levee, resulting in asbestos contamination throughout the Alviso area and covering roughly 330 acres. The Site was listed on the Federal Superfund list in 1985. U.S. EPA has been the lead regulatory agency overseeing work. The Site was divided into two operable units - the Ring Levee and the Landfill/Truckyard. On September 30, 1997, U.S. EPA and Lincoln 237 Associates Limited Partnership and Lincoln Property Company No. 2233 Limited Partnership entered into two Prospective Purchaser Agreements and Covenant Not to Sue for the Western Parcel and the Eastern parcel, respectively. The agreements incorporated Soil Management Plans describing soil control measures for asbestos and asbestos containing materials, methane, petroleum hydrocarbons, and lead. A portion of the Santos Landfill is Parcel 1 of the Eastern Parcel. Parcel 2 (not part of Santos Landfill), is the other portion of the Eastern Parcel Agreement and requires a deed restiction since asbestos waste piping was found there. The Final Soil Management Report, dated January 28, 1999, describes the construction activities performed at the Eastern Parcel pursuant to the
Comments Date: 01061994
Comments: Completed RA. In July 1993, US EPA and the responsible parties
Comments Date: 01061994
Comments: encapsulated the asbestos contaminated fill in a Highway 237
Comments Date: 01061994

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Comments: embankment under construction.
Comments Date: 05271997
Comments: Completed RA.
Comments Date: 06261991
Comments: Issued ROD for the Ring Levee Operable Unit (OU) requiring
Comments Date: 06261991
Comments: removal of the entire levee, after flood control improvements on
Comments Date: 06261991
Comments: the Coyote Creek were completed.
Comments Date: 09291989
Comments: Issued Record of Decision (ROD) for the truckyards/landfill
Comments Date: 09291989
Comments: requiring that sampling be conducted on these properties
Comments Date: 09291989
Comments: followed by capping or soil removal.
Comments Date: 09301991
Comments: Issued Orders to four of the Truckyard owners requiring them to
Comments Date: 09301991
Comments: pave their respective yards. By late 1992, three of the
Comments Date: 09301991
Comments: truckyards removed all asbestos contaminated fill to residential
Comments Date: 09301991
Comments: levels. For Neu Truck Yard, the remaining truck yard property,
Comments Date: 09301991
Comments: the US EPA will be conducting soil sampling to determine what
Comments Date: 09301991
Comments: further action is required.
Comments Date: 10212004
Comments: Recorded Deed Restrictions.
ID Name: CALSTARS CODE
ID Value: 200091
ID Name: BEP DATABASE PCODE
ID Value: P21003
Alternate Name: SOUTH BAY ASBESTOS AREA (ALVISO)
Alternate Name: RING LEVEE SCHEDULE
Alternate Name: SOUTH BAY ASBESTOS AREA
Alternate Name: COLLISHAW PROPERTY
Alternate Name: SANTOS LANDFILL
Alternate Name: SAINTE CLAIRE LANDFILL
Alternate Name: SUMMERSET MOBILE ESTATES
Alternate Name: HIGHWAY 237 DISPOSAL SITE
Alternate Name: LEGACY PARTNERS
Alternate Name: Not reported
Special Programs Code: MSCA
Special Programs Name: MULTI-SITE COOPERATIVE AGREEMENT

DEED:
Envirostor ID: 43490060
Area: OU 1-MAIN SITE
Sub Area: LEGACY
Site Type: FEDERAL SUPERFUND
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 10/21/2004
File Name: Envirostor Land Use Restrictions

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Envirostor ID: 43490060
Area: OU 1-MAIN SITE
Sub Area: SUMMERSET MOBILE HOME ESTATES
Site Type: FEDERAL SUPERFUND
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 09/14/2011
File Name: Envirostor Land Use Restrictions

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

PRP:

PRP name:
A. J. RAISCH PAVING CO.
CITY OF SAN JOSE
CITY OF SAN JOSE
ESTATE OF DOROTHY M. SANTOS
GEORGE A. MACIEL
GEORGE MACIEL TRUCKING, INC.
RICHARD P. SANTOS SEPARATE TRUST
SANTOS MANAGEMENT, LLC
SANTOS NON MARITAL TRUST
SANTOS SURVIVORS TRUST
SANTOS/ALVISO PARTNERSHIP, L.P.
T & N PLC
TONI L. ROBINSON SEPARATE TRUST
TONY A. SANTOS SEPARATE TRUST

ICIS:

Enforcement Action ID: 09-2011-2519
FRS ID: 110009329173
Action Name: US vs. The Santos/Alviso Partnership, L.P., et al
Facility Name: SOUTH BAY ASBESTOS AREA
Facility Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
Enforcement Action Type: Civil Judicial Action
Facility County: SANTA CLARA
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.42986
Longitude in Decimal Degrees: -121.9811
Permit Type Desc: Not reported
Program System Acronym: 33837
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2000-0045
FRS ID: 110009329173
Action Name: SOUTH BAY ASBESTOS ALVISO - AOC #1
Facility Name: SOUTH BAY ASBESTOS AREA
Facility Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Enforcement Action Type: | CERCLA 122h Agrmt For Cost Recovery |
| Facility County: | SANTA CLARA |
| Program System Acronym: | ICIS |
| Enforcement Action Forum Desc: | Administrative - Formal |
| EA Type Code: | 122H |
| Facility SIC Code: | Not reported |
| Federal Facility ID: | Not reported |
| Latitude in Decimal Degrees: | 37.42986 |
| Longitude in Decimal Degrees: | -121.9811 |
| Permit Type Desc: | Not reported |
| Program System Acronym: | 33837 |
| Facility NAICS Code: | Not reported |
| Tribal Land Code: | Not reported |

| | |
|---|---|
| Enforcement Action ID: | 09-1990-0030 |
| FRS ID: | 110009329173 |
| Action Name: | SOUTH BAY ASBESTOS - ALVISO SITE |
| Facility Name: | SOUTH BAY ASBESTOS AREA |
| Facility Address: | FT OF LIBERTY ST GUADALUPE RIV<br>ALVISO, CA 95002 |
| Enforcement Action Type: | Civil Judicial Action |
| Facility County: | SANTA CLARA |
| Program System Acronym: | ICIS |
| Enforcement Action Forum Desc: | Judicial |
| EA Type Code: | CIV |
| Facility SIC Code: | Not reported |
| Federal Facility ID: | Not reported |
| Latitude in Decimal Degrees: | 37.42986 |
| Longitude in Decimal Degrees: | -121.9811 |
| Permit Type Desc: | Not reported |
| Program System Acronym: | 33837 |
| Facility NAICS Code: | Not reported |
| Tribal Land Code: | Not reported |

| | |
|---|---|
| Facility Name: | SOUTH BAY ASBESTOS AREA |
| Address: | FT OF LIBERTY ST GUADALUPE RIV |
| Tribal Indicator: | N |
| Fed Facility: | No |
| NAIC Code: | Not reported |
| SIC Code: | Not reported |

| | |
|---|---|
| Facility Name: | SOUTH BAY ASBESTOS AREA |
| Address: | FT OF LIBERTY ST GUADALUPE RIV |
| Tribal Indicator: | N |
| Fed Facility: | No |
| NAIC Code: | Not reported |
| SIC Code: | Not reported |

| | |
|---|---|
| Facility Name: | SOUTH BAY ASBESTOS AREA |
| Address: | FT OF LIBERTY ST GUADALUPE RIV |
| Tribal Indicator: | N |
| Fed Facility: | No |
| NAIC Code: | Not reported |
| SIC Code: | Not reported |

| | |
|---|---|
| Facility Name: | SOUTH BAY ASBESTOS AREA |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

CORTESE:
Region: CORTESE
Envirostor Id: 43490060
Site/Facility Type: FEDERAL SUPERFUND - LISTED
Cleanup Status: ACTIVE - LAND USE RESTRICTIONS
Status Date: 01/01/1985
Site Code: 200091
Latitude: 37.441058
Longitude: -121.98254
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Haz Waste & Substances Sites

HIST CORTESE:
Region: CORTESE
Facility County Code: 43
Reg By: CALSI
Reg Id: 43490060

---

**A1** **CENTERLINE PRECISION INC** **CA CERS HAZ WASTE** **S121737632**
**2265 CALLE DEL MUNDO** **CA CERS** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**1 ft.**

**Site 1 of 23 in cluster A**

**Relative: Higher**
**Actual: 9 ft.**

CERS HAZ WASTE:
Site ID: 104082
CERS ID: 10086880
CERS Description: Hazardous Waste Generator

Coordinates:
Site ID: 104082
Facility Name: Centerline Precision Inc
Env Int Type Code: HWG
Program ID: 10086880
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.409977
Longitude: -121.965335

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept

**CENTERLINE PRECISION INC (Continued)** **S121737632**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Ricardo Rengifo |
| Entity Title: | Not reported |
| Affiliation Address: | 2265 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-4380 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2265 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Ricardo Rengifo |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Ricardo Rengifo |
| Entity Title: | Not reported |
| Affiliation Address: | 2265 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-4380 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Centerline Precision Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-4380 |

**CENTERLINE PRECISION INC (Continued)** **S121737632**

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | CENTERLINE PRECISION INC. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Ricardo Rengifo |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (510) 384-1754 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Ronald De Lemos |
| Entity Title: | Programmer |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 813-9177 |

CERS TANKS:

| | |
|---|---|
| Site ID: | 104082 |
| CERS ID: | 10086880 |
| CERS Description: | Chemical Storage Facilities |

Coordinates:

| | |
|---|---|
| Site ID: | 104082 |
| Facility Name: | Centerline Precision Inc |
| Env Int Type Code: | HWG |
| Program ID: | 10086880 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409977 |
| Longitude: | -121.965335 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

**CENTERLINE PRECISION INC (Continued)** **S121737632**

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Ricardo Rengifo |
| Entity Title: | Not reported |
| Affiliation Address: | 2265 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-4380 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2265 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Ricardo Rengifo |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Ricardo Rengifo |
| Entity Title: | Not reported |
| Affiliation Address: | 2265 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-4380 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Centerline Precision Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-4380 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | CENTERLINE PRECISION INC. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |

**CENTERLINE PRECISION INC (Continued)** **S121737632**

| | |
|---|---|
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Ricardo Rengifo |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (510) 384-1754 |
| | |
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Ronald De Lemos |
| Entity Title: | Programmer |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 813-9177 |

---

**A2** **VECO CUSTOM OPTICS INC** **CA HAZNET** **S113008002**
**2273 CALLE DEL MUNDO** **N/A**
**< 1/8** **SANTA CLARA, CA 95954**
**1 ft.**

**Site 2 of 23 in cluster A**

**Relative:** **Higher**
**Actual:** **9 ft.**

HAZNET:

| | |
|---|---|
| envid: | S113008002 |
| Year: | 1998 |
| GEPAID: | CAD981620891 |
| Contact: | Not reported |
| Telephone: | 0000000000 |
| Mailing Name: | Not reported |
| Mailing Address: | 3350 SCOTT BLVD BLDG #38 |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Liquids with halogenated organic compounds >= 1,000 Mg./L |
| Disposal Method: | Recycler |
| Tons: | .2293 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |
| | |
| envid: | S113008002 |
| Year: | 1996 |
| GEPAID: | CAD981620891 |
| Contact: | Not reported |
| Telephone: | 0000000000 |
| Mailing Name: | Not reported |
| Mailing Address: | 3350 SCOTT BLVD BLDG #38 |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |

**VECO CUSTOM OPTICS INC (Continued)** **S113008002**

| | |
|---|---|
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc) |
| Disposal Method: | Recycler |
| Tons: | .0625 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113008002 |
| Year: | 1995 |
| GEPAID: | CAD981620891 |
| Contact: | Not reported |
| Telephone: | 0000000000 |
| Mailing Name: | Not reported |
| Mailing Address: | 3350 SCOTT BLVD BLDG #38 |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc) |
| Disposal Method: | Recycler |
| Tons: | .2293 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113008002 |
| Year: | 1994 |
| GEPAID: | CAD981620891 |
| Contact: | Not reported |
| Telephone: | 0000000000 |
| Mailing Name: | Not reported |
| Mailing Address: | 3350 SCOTT BLVD BLDG #38 |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc) |
| Disposal Method: | Recycler |
| Tons: | .2293 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

**A3** **CENTERLINE PRECISION INC** **FINDS** **1016420880**
**2265 CALLE DEL MUNDO** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**1 ft.**

**Site 3 of 23 in cluster A**

**Relative:** **Higher**

**Actual:** **9 ft.**

FINDS:

Registry ID: 110055682612

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

---

**A4** **CENTER LINE PRECISION, INC** **CA HAZNET** **S113107385**
**2265 CALLE DEL MUNDO** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**1 ft.**

**Site 4 of 23 in cluster A**

**Relative:** **Higher**

**Actual:** **9 ft.**

HAZNET:

| | |
|---|---|
| envid: | S113107385 |
| Year: | 2009 |
| GEPAID: | CAL000212240 |
| Contact: | VICTOR TORREZ |
| Telephone: | 4089884380 |
| Mailing Name: | Not reported |
| Mailing Address: | 2265 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD980887418 |
| TSD County: | Not reported |
| Waste Category: | Unspecified oil-containing waste |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 1.0425 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113107385 |
| Year: | 2009 |
| GEPAID: | CAL000212240 |
| Contact: | VICTOR TORREZ |
| Telephone: | 4089884380 |
| Mailing Name: | Not reported |
| Mailing Address: | 2265 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD980887418 |
| TSD County: | Not reported |
| Waste Category: | Unspecified oil-containing waste |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 1.0425 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |

**CENTER LINE PRECISION, INC (Continued)** **S113107385**

| | |
|---|---|
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113107385 |
| Year: | 2000 |
| GEPAID: | CAL000212240 |
| Contact: | DAVE DINIUS |
| Telephone: | 4089884380 |
| Mailing Name: | Not reported |
| Mailing Address: | 2265 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD053044053 |
| TSD County: | Not reported |
| Waste Category: | Liquids with halogenated organic compounds >= 1,000 Mg./L |
| Disposal Method: | Transfer Station |
| Tons: | 0.06 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113107385 |
| Year: | 2000 |
| GEPAID: | CAL000212240 |
| Contact: | DAVE DINIUS |
| Telephone: | 4089884380 |
| Mailing Name: | Not reported |
| Mailing Address: | 2265 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD053044053 |
| TSD County: | Not reported |
| Waste Category: | Liquids with halogenated organic compounds >= 1,000 Mg./L |
| Disposal Method: | Transfer Station |
| Tons: | 0.06 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

---

**A5** **CLARK PRECISION SHEETMETAL** **CA CERS HAZ WASTE** **S121738171**
**2275 CALLE DEL MUNDO** **CA CERS** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**1 ft.**

**Site 5 of 23 in cluster A**

**Relative:**
**Higher**

**Actual:**
**9 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 106620 |
| CERS ID: | 10088638 |
| CERS Description: | Hazardous Waste Generator |

Coordinates:

| | |
|---|---|
| Site ID: | 106620 |
| Facility Name: | Clark Precision Sheetmetal |
| Env Int Type Code: | HWG |
| Program ID: | 10088638 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409911 |
| Longitude: | -121.965532 |

**CLARK PRECISION SHEETMETAL (Continued)** **S121738171**

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Diana Hummel |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Brian W Clark |
| Entity Title: | Not reported |
| Affiliation Address: | Same as above |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-7641 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Bruce W Clark |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Bruce W Clark |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | United States |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 432-3332 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Clark Precision Sheetmetal |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |

**CLARK PRECISION SHEETMETAL (Continued)** **S121738171**

| | |
|---|---|
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Bruce W Clark |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 432-3332 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Brian W Clark |
| Entity Title: | Vice President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 615-0336 |

CERS TANKS:

| | |
|---|---|
| Site ID: | 106620 |
| CERS ID: | 10088638 |
| CERS Description: | Chemical Storage Facilities |

Coordinates:

| | |
|---|---|
| Site ID: | 106620 |
| Facility Name: | Clark Precision Sheetmetal |
| Env Int Type Code: | HWG |
| Program ID: | 10088638 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409911 |
| Longitude: | -121.965532 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Diana Hummel |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |

**CLARK PRECISION SHEETMETAL (Continued)** **S121738171**

| | |
|---|---|
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Brian W Clark |
| Entity Title: | Not reported |
| Affiliation Address: | Same as above |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-7641 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Bruce W Clark |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Bruce W Clark |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | United States |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 432-3332 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Clark Precision Sheetmetal |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Bruce W Clark |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 432-3332 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Brian W Clark |
| Entity Title: | Vice President |

**CLARK PRECISION SHEETMETAL (Continued)** **S121738171**

| | |
|---|---|
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 615-0336 |

---

**A6** **CLARK PRECISION SHEETMETAL** **RCRA-SQG** **1000363383**
**2275 CALLE DEL MUNDO AVENUE** **FINDS** **CAD092617745**
**< 1/8** **SANTA CLARA, CA 95054** **ECHO**
**1 ft.**

**Site 6 of 23 in cluster A**

**Relative:**
**Higher**

**Actual:**
**9 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 05/27/1986 |
| Facility name: | CLARK PRECISION SHEETMETAL |
| Facility address: | 2275 CALLE DEL MUNDO AVENUE<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD092617745 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2275 CALLE DEL MUNDO AVENUE<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-988-7641 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | LOIS CLARK |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |

**CLARK PRECISION SHEETMETAL (Continued)** **1000363383**

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002663788

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000363383
Registry ID: 110002663788
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002663788

---

**A7** **EPZ, INC.** **CA CERS HAZ WASTE** **S121758716**
**SE** **2262 CALLE DEL MUNDO** **CA CERS** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.016 mi.**
**85 ft.** **Site 7 of 23 in cluster A**

**Relative:**
**Higher**

**Actual:**
**9 ft.**

CERS HAZ WASTE:
Site ID: 274275
CERS ID: 10623346
CERS Description: Hazardous Waste Generator

**EPZ, INC. (Continued)** **S121758716**

Violations:

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-09-2016 |
| Citation: | 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51 |
| Violation Description: | Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water. |
| Violation Notes: | Returned to compliance on 09/09/2016. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-25-2009 |
| Citation: | HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections |
| Violation Description: | RCRA Large Quantity Generator Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 09/30/2009. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HHW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-09-2016 |
| Citation: | 22 CCR 45 67450.2(c)(10) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(c)(10) |
| Violation Description: | Failure of the owner or operator of a fixed treatment unit (FTU), upon request by the CUPA or authorized agency, to prepare, and submit to CUPA a complete annual report detailing treatment activities conducted during the calendar year preceding the request. |
| Violation Notes: | Returned to compliance on 09/03/2016. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-25-2009 |
| Citation: | HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections |
| Violation Description: | RCRA Large Quantity Generator Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 09/30/2009. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-09-2016 |
| Citation: | HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter |

**EPZ, INC. (Continued)** **S121758716**

6.5, Section(s) 25200.14(b)(1)
Violation Description: Failure to submit a Phase I Checklist to DTSC within one year of commencing operations.
Violation Notes: Returned to compliance on 09/03/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description: Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes: Returned to compliance on 09/03/2016. filter press
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain the required documents at the facility where the FTU is operating and upon request make these documents available to authorized agency, DTSC, the CUPA, or EPA, or local government agency.
Violation Notes: Returned to compliance on 09/03/2016. Testing frequency
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2010
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: City of Santa Clara
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-16-2006
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: LQG INSPECTION
Eval Division: California Environmental Protection Agency
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency

**EPZ, INC. (Continued)** **S121758716**

Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Santa Clara City
Eval Division: Santa Clara City Fire Department
Eval Program: HHW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Santa Clara City
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: CE
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP

**EPZ, INC. (Continued)** **S121758716**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2010
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

**EPZ, INC. (Continued)** **S121758716**

Enforcement Action:

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Site Address: | 2262 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 08-25-2009 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | HHW |
| Enf Action Source: | CERS |

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Site Address: | 2262 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 08-25-2009 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | PBR |
| Enf Action Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 274275 |
| Facility Name: | EPZ, Inc. |
| Env Int Type Code: | HWG |
| Program ID: | 10623346 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station. |
| Latitude: | 37.409790 |
| Longitude: | -121.964650 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Luis Garcia |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95051 |
| Affiliation Phone: | (408) 817-0486 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 817-0486 |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | HARRY CORL |
| Entity Title: | CHIEF EXECUTIVE OFFICER |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Luis Garcia |
| Entity Title: | Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | RACHEL GUTIERREZ |
| Entity Title: | PRESIDENT |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 982-9434 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | EPZ, INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 817-0486 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | FRG, LLC. |

**EPZ, INC. (Continued)** **S121758716**

Entity Title: Not reported
Affiliation Address: 1019 FAIR AVE
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95122
Affiliation Phone: (408) 817-0486

Affiliation Type Desc: Secondary Emergency Contact
Entity Name: Luis Garcia
Entity Title: Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 757-2767

Site ID: 274275
CERS ID: 10623346
CERS Description: RCRA LQ HW Generator

Violations:
Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51
Violation Description: Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water.
Violation Notes: Returned to compliance on 09/09/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 09/30/2009.
Violation Division: Santa Clara City Fire Department
Violation Program: HHW
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.2(c)(10) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(c)(10)
Violation Description: Failure of the owner or operator of a fixed treatment unit (FTU), upon request by the CUPA or authorized agency, to prepare, and submit to CUPA a complete annual report detailing treatment activities conducted

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| | during the calendar year preceding the request. |
| Violation Notes: | Returned to compliance on 09/03/2016. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |
| | |
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-25-2009 |
| Citation: | HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections |
| Violation Description: | RCRA Large Quantity Generator Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 09/30/2009. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |
| | |
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-09-2016 |
| Citation: | HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1) |
| Violation Description: | Failure to submit a Phase I Checklist to DTSC within one year of commencing operations. |
| Violation Notes: | Returned to compliance on 09/03/2016. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |
| | |
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-09-2016 |
| Citation: | 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7) |
| Violation Description: | Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number. |
| Violation Notes: | Returned to compliance on 09/03/2016. filter press |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |
| | |
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-09-2016 |
| Citation: | 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8) |
| Violation Description: | Failure to maintain the required documents at the facility where the FTU is operating and upon request make these documents available to authorized agency, DTSC, the CUPA, or EPA, or local government agency. |
| Violation Notes: | Returned to compliance on 09/03/2016. Testing frequency |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |

**EPZ, INC. (Continued)** **S121758716**

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-13-2010 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: City of Santa Clara |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-16-2006 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: LQG INSPECTION |
| Eval Division: | California Environmental Protection Agency |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-25-2009 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Santa Clara City |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HHW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-25-2009 |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Santa Clara City |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-07-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | CE |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-07-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-07-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-07-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-09-2016 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-09-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |

**EPZ, INC. (Continued)** **S121758716**

Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2010
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Enforcement Action:
Site ID: 274275
Site Name: EPZ, Inc.
Site Address: 2262 CALLE DEL MUNDO
Site City: SANTA CLARA
Site Zip: 95054
Enf Action Date: 08-25-2009
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara City Fire Department
Enf Action Program: HHW
Enf Action Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Site Address: 2262 CALLE DEL MUNDO
Site City: SANTA CLARA
Site Zip: 95054
Enf Action Date: 08-25-2009
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara City Fire Department
Enf Action Program: PBR
Enf Action Source: CERS

Coordinates:
Site ID: 274275
Facility Name: EPZ, Inc.
Env Int Type Code: HWG
Program ID: 10623346
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.

**EPZ, INC. (Continued)** **S121758716**

Latitude: 37.409790
Longitude: -121.964650

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title: Not reported
Affiliation Address: 1675 Lincoln Street
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95050
Affiliation Phone: (408) 615-4970

Affiliation Type Desc: Document Preparer
Entity Name: Luis Garcia
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Guillermo Gutierrez
Entity Title: Not reported
Affiliation Address: 2262 Calle Del Mundo
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95051
Affiliation Phone: (408) 817-0486

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2262 Calle Del Mundo
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95054
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Guillermo Gutierrez
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Guillermo Gutierrez
Entity Title: Not reported

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 817-0486 |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | HARRY CORL |
| Entity Title: | CHIEF EXECUTIVE OFFICER |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Luis Garcia |
| Entity Title: | Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | RACHEL GUTIERREZ |
| Entity Title: | PRESIDENT |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 982-9434 |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | EPZ, INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 817-0486 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | FRG, LLC. |
| Entity Title: | Not reported |
| Affiliation Address: | 1019 FAIR AVE |
| Affiliation City: | SAN JOSE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95122 |
| Affiliation Phone: | (408) 817-0486 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Luis Garcia |
| Entity Title: | Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 757-2767 |

| | |
|---|---|
| Site ID: | 274275 |
| CERS ID: | 10623346 |
| CERS Description: | Hazardous Waste Onsite Treatment |

Violations:

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-09-2016 |
| Citation: | 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51 |
| Violation Description: | Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water. |
| Violation Notes: | Returned to compliance on 09/09/2016. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |

**EPZ, INC. (Continued)** **S121758716**

Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 09/30/2009.
Violation Division: Santa Clara City Fire Department
Violation Program: HHW
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.2(c)(10) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(c)(10)
Violation Description: Failure of the owner or operator of a fixed treatment unit (FTU), upon request by the CUPA or authorized agency, to prepare, and submit to CUPA a complete annual report detailing treatment activities conducted during the calendar year preceding the request.
Violation Notes: Returned to compliance on 09/03/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 09/30/2009.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)
Violation Description: Failure to submit a Phase I Checklist to DTSC within one year of commencing operations.
Violation Notes: Returned to compliance on 09/03/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)

**EPZ, INC. (Continued)** **S121758716**

Violation Description: Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes: Returned to compliance on 09/03/2016. filter press
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain the required documents at the facility where the FTU is operating and upon request make these documents available to authorized agency, DTSC, the CUPA, or EPA, or local government agency.
Violation Notes: Returned to compliance on 09/03/2016. Testing frequency
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2010
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: City of Santa Clara
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-16-2006
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: LQG INSPECTION
Eval Division: California Environmental Protection Agency
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-25-2009 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Santa Clara City |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HHW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-25-2009 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Santa Clara City |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-07-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | CE |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-07-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-07-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-07-2015 |
| Violations Found: | No |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-09-2016 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-09-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-09-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-13-2010 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Site Address: | 2262 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 08-25-2009 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | HHW |
| Enf Action Source: | CERS |
| | |
| Site ID: | 274275 |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Site Name: | EPZ, Inc. |
| Site Address: | 2262 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 08-25-2009 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | PBR |
| Enf Action Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 274275 |
| Facility Name: | EPZ, Inc. |
| Env Int Type Code: | HWG |
| Program ID: | 10623346 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station. |
| Latitude: | 37.409790 |
| Longitude: | -121.964650 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Luis Garcia |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95051 |
| Affiliation Phone: | (408) 817-0486 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 817-0486 |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | HARRY CORL |
| Entity Title: | CHIEF EXECUTIVE OFFICER |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Luis Garcia |
| Entity Title: | Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | RACHEL GUTIERREZ |
| Entity Title: | PRESIDENT |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 982-9434 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | EPZ, INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 817-0486 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | FRG, LLC. |
| Entity Title: | Not reported |
| Affiliation Address: | 1019 FAIR AVE |
| Affiliation City: | SAN JOSE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95122 |
| Affiliation Phone: | (408) 817-0486 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Luis Garcia |
| Entity Title: | Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |

**EPZ, INC. (Continued)** **S121758716**

Affiliation Zip: Not reported
Affiliation Phone: (408) 757-2767

CERS TANKS:
Site ID: 274275
CERS ID: 10623346
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51
Violation Description: Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water.
Violation Notes: Returned to compliance on 09/09/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 09/30/2009.
Violation Division: Santa Clara City Fire Department
Violation Program: HHW
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.2(c)(10) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(c)(10)
Violation Description: Failure of the owner or operator of a fixed treatment unit (FTU), upon request by the CUPA or authorized agency, to prepare, and submit to CUPA a complete annual report detailing treatment activities conducted during the calendar year preceding the request.
Violation Notes: Returned to compliance on 09/03/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General

**EPZ, INC. (Continued)** **S121758716**

Violation Notes: Returned to compliance on 09/30/2009.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)
Violation Description: Failure to submit a Phase I Checklist to DTSC within one year of commencing operations.
Violation Notes: Returned to compliance on 09/03/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description: Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes: Returned to compliance on 09/03/2016. filter press
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain the required documents at the facility where the FTU is operating and upon request make these documents available to authorized agency, DTSC, the CUPA, or EPA, or local government agency.
Violation Notes: Returned to compliance on 09/03/2016. Testing frequency
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2010
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: City of Santa Clara
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-16-2006
Violations Found: No
Eval Type: Routine done by local agency

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Eval Notes: | Inspector Name: LQG INSPECTION |
| Eval Division: | California Environmental Protection Agency |
| Eval Program: | HWLQG |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-25-2009 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Santa Clara City |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HHW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-25-2009 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Santa Clara City |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-07-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | CE |

**EPZ, INC. (Continued)** **S121758716**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Eval Date: | 08-13-2010 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Site Address: | 2262 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 08-25-2009 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | HHW |
| Enf Action Source: | CERS |

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Site Address: | 2262 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 08-25-2009 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | PBR |
| Enf Action Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 274275 |
| Facility Name: | EPZ, Inc. |
| Env Int Type Code: | HWG |
| Program ID: | 10623346 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station. |
| Latitude: | 37.409790 |
| Longitude: | -121.964650 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Luis Garcia |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95051 |
| Affiliation Phone: | (408) 817-0486 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 817-0486 |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |

**EPZ, INC. (Continued)** **S121758716**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: HARRY CORL
Entity Title: CHIEF EXECUTIVE OFFICER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Luis Garcia
Entity Title: Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: RACHEL GUTIERREZ
Entity Title: PRESIDENT
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Guillermo Gutierrez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 982-9434

Affiliation Type Desc: Parent Corporation
Entity Name: EPZ, INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Primary Emergency Contact
Entity Name: Guillermo Gutierrez
Entity Title: President
Affiliation Address: Not reported

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 817-0486 |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | FRG, LLC. |
| Entity Title: | Not reported |
| Affiliation Address: | 1019 FAIR AVE |
| Affiliation City: | SAN JOSE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95122 |
| Affiliation Phone: | (408) 817-0486 |
| | |
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Luis Garcia |
| Entity Title: | Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 757-2767 |

---

**A8** **NU-METAL FINISHING INC** **CA CUPA Listings** **S118236422**
**SE** **2262 CALLE DEL MUNDO** **CA HAZNET** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.016 mi.**
**85 ft.** **Site 8 of 23 in cluster A**

**Relative:**
**Higher**

**Actual:**
**9 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2207 |
| Program Description: | GENERATES 25 TO <50 TONS/YR |
| Latitude: | 37.40979 |
| Longitude: | -121.965312 |
| Record ID: | PR0313131 |
| Facility ID: | FA0211750 |

HAZNET:

| | |
|---|---|
| envid: | S118236422 |
| Year: | 2015 |
| GEPAID: | CAL000397925 |
| Contact: | RACHEL GUTIERREZ |
| Telephone: | 4082095149 |
| Mailing Name: | Not reported |
| Mailing Address: | 2262 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Santa Clara |
| TSD EPA ID: | CAD982052797 |
| TSD County: | Santa Clara |
| Waste Category: | Liquids with cyanides >= 1,000 Mg./L |
| Disposal Method: | Metals Recovery Including Retoring,Smelting,Chemicals,Ect |
| Tons: | 1.3761 |

**NU-METAL FINISHING INC (Continued)** **S118236422**

| | |
|---|---|
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S118236422 |
| Year: | 2015 |
| GEPAID: | CAL000397925 |
| Contact: | RACHEL GUTIERREZ |
| Telephone: | 4082095149 |
| Mailing Name: | Not reported |
| Mailing Address: | 2262 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Santa Clara |
| TSD EPA ID: | NVT330010000 |
| TSD County: | 99 |
| Waste Category: | Liquids with nickel >= 134 Mg./L |
| Disposal Method: | Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 5.73375 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S118236422 |
| Year: | 2015 |
| GEPAID: | CAL000397925 |
| Contact: | RACHEL GUTIERREZ |
| Telephone: | 4082095149 |
| Mailing Name: | Not reported |
| Mailing Address: | 2262 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Santa Clara |
| TSD EPA ID: | NVT330010000 |
| TSD County: | 99 |
| Waste Category: | Other inorganic solid waste |
| Disposal Method: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Tons: | 2.9098 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S118236422 |
| Year: | 2015 |
| GEPAID: | CAL000397925 |
| Contact: | RACHEL GUTIERREZ |
| Telephone: | 4082095149 |
| Mailing Name: | Not reported |
| Mailing Address: | 2262 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Santa Clara |
| TSD EPA ID: | NVT330010000 |
| TSD County: | 99 |
| Waste Category: | Unspecified alkaline solution |
| Disposal Method: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Tons: | 1.14675 |

**NU-METAL FINISHING INC (Continued)** **S118236422**

| | |
|---|---|
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S118236422 |
| Year: | 2015 |
| GEPAID: | CAL000397925 |
| Contact: | RACHEL GUTIERREZ |
| Telephone: | 4082095149 |
| Mailing Name: | Not reported |
| Mailing Address: | 2262 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Santa Clara |
| TSD EPA ID: | NVT330010000 |
| TSD County: | 99 |
| Waste Category: | Alkaline solution (pH >= 12.5) with metals |
| Disposal Method: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Tons: | 0.93825 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

Click this hyperlink while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

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**A9** **LEAT COMPANY PRINTING & GRAPHI** **CA CUPA Listings** **1006248614**
**SW** **2307 CALLE DEL MUNDO** **CA EMI** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.020 mi.**
**108 ft.** **Site 9 of 23 in cluster A**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2253 |
| Program Description: | OBSOLETE SELF-AUDIT GEN <5 TONS/YR |
| Latitude: | 37.409791 |
| Longitude: | -121.966184 |
| Record ID: | PR0317350 |
| Facility ID: | FA0211768 |

EMI:

| | |
|---|---|
| Year: | 1996 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 10044 |
| Air District Name: | BA |
| SIC Code: | 2752 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |

**LEAT COMPANY PRINTING & GRAPHI (Continued)** **1006248614**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

| | |
|---|---|
| Year: | 1997 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 10044 |
| Air District Name: | BA |
| SIC Code: | 2752 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

---

**A10** **LEAT CO PRINTING & GRAPHICS** **NY MANIFEST** **1009219096**
**SW** **2307 CALLE DEL MUNDO** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.020 mi.**
**108 ft.** **Site 10 of 23 in cluster A**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

NY MANIFEST:

| | |
|---|---|
| Country: | USA |
| EPA ID: | CAP000093333 |
| Facility Status: | Not reported |
| Location Address 1: | 2307 CALLE DEL MUNDO |
| Code: | BP |
| Location Address 2: | Not reported |
| Total Tanks: | Not reported |
| Location City: | SANTA CLARA |
| Location State: | CA |
| Location Zip: | 95054 |
| Location Zip 4: | Not reported |

NY MANIFEST:

| | |
|---|---|
| EPAID: | CAP000093333 |
| Mailing Name: | LEAT CO PRINTING & GRAPHICS |
| Mailing Contact: | ROBERT LEAT |
| Mailing Address 1: | 2307 CALLE DEL MUNDO |
| Mailing Address 2: | Not reported |
| Mailing City: | SANTA CLARA |
| Mailing State: | CA |
| Mailing Zip: | 95054 |
| Mailing Zip 4: | Not reported |
| Mailing Country: | USA |
| Mailing Phone: | 4089801116 |

**A11 SW < 1/8 0.020 mi. 108 ft.** | **G & K METAL FINISHING 2307 CALLE DEL MUNDO SANTA CLARA, CA 95050** | **RCRA-SQG FINDS ECHO** | **1000121272 CAD069138261**

**Site 11 of 23 in cluster A**

**Relative: Higher**

**Actual: 10 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 09/01/1996 |
| Facility name: | G & K METAL FINISHING |
| Facility address: | 2307 CALLE DEL MUNDO<br>SANTA CLARA, CA 95050 |
| EPA ID: | CAD069138261 |
| Mailing address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95050 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | HICKEY GORDON O |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |

**G & K METAL FINISHING (Continued)** **1000121272**

| | |
|---|---|
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

FINDS:

Registry ID: 110002655859

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000121272 |
| Registry ID: | 110002655859 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002655859 |

---

**A12** **MOS TOOL & ENGINEERING INC** **RCRA-SQG** **1000134072**
**ENE** **2233 CALLE DEL MUNDO** **FINDS** **CAD982030348**
**< 1/8** **SANTA CLARA, CA 95054** **ECHO**
**0.023 mi.** **CA HAZNET**
**122 ft.** **Site 12 of 23 in cluster A**

**Relative:**
**Lower**

**Actual:**
**8 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 09/01/1996 |
| Facility name: | MOS TOOL & ENGINEERING INC |
| Facility address: | 2233 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD982030348 |
| Mailing address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |

**MOS TOOL & ENGINEERING INC (Continued)** **1000134072**

Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: HORST KAISER
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110055829073

**MOS TOOL & ENGINEERING INC (Continued)** **1000134072**

Environmental Interest/Information System
STATE MASTER

Registry ID: 110002782579

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000134072 |
| Registry ID: | 110002782579 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002782579 |

HAZNET:

| | |
|---|---|
| envid: | 1000134072 |
| Year: | 1997 |
| GEPAID: | CAD982030348 |
| Contact: | WERNER SCHULZ |
| Telephone: | 4089449407 |
| Mailing Name: | Not reported |
| Mailing Address: | 2308 ZANER ROAD |
| Mailing City,St,Zip: | SAN JOSE, CA 951310000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD980887418 |
| TSD County: | Not reported |
| Waste Category: | Waste oil and mixed oil |
| Disposal Method: | Recycler |
| Tons: | 2.2935 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000134072 |
| Year: | 1996 |
| GEPAID: | CAD982030348 |
| Contact: | WERNER SCHULZ |
| Telephone: | 4089449407 |
| Mailing Name: | Not reported |
| Mailing Address: | 2308 ZANER ROAD |
| Mailing City,St,Zip: | SAN JOSE, CA 951310000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD980887418 |
| TSD County: | Not reported |
| Waste Category: | Waste oil and mixed oil |
| Disposal Method: | Recycler |
| Tons: | 5.8797 |
| Cat Decode: | Not reported |

**MOS TOOL & ENGINEERING INC (Continued)** **1000134072**

Method Decode: Not reported
Facility County: Santa Clara

envid: 1000134072
Year: 1995
GEPAID: CAD982030348
Contact: WERNER SCHULZ
Telephone: 4089449407
Mailing Name: Not reported
Mailing Address: 2308 ZANER ROAD
Mailing City,St,Zip: SAN JOSE, CA 951310000
Gen County: Not reported
TSD EPA ID: CAT080031628
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .6880
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1000134072
Year: 1995
GEPAID: CAD982030348
Contact: WERNER SCHULZ
Telephone: 4089449407
Mailing Name: Not reported
Mailing Address: 2308 ZANER ROAD
Mailing City,St,Zip: SAN JOSE, CA 951310000
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 1.3969
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1000134072
Year: 1994
GEPAID: CAD982030348
Contact: WERNER SCHULZ
Telephone: 4089449407
Mailing Name: Not reported
Mailing Address: 2308 ZANER ROAD
Mailing City,St,Zip: SAN JOSE, CA 951310000
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: .4170
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

**MOS TOOL & ENGINEERING INC (Continued)** **1000134072**

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

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**A13**
**East**
**< 1/8**
**0.024 mi.**
**129 ft.**

**SCREEN MANUFACTURING TECHNOLOGIES**
**2246 CLLE DEL MUNDO**
**SANTA CLARA, CA 95054**

**Site 13 of 23 in cluster A**

**RCRA-SQG** **1000598086**
**FINDS** **CAD983621277**
**ECHO**
**CA HAZNET**

**Relative:**
**Higher**

**Actual:**
**9 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 03/10/1992 |
| Facility name: | SCREEN MANUFACTURING TECHNOLOGIES |
| Facility address: | 2246 CLLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD983621277 |
| Mailing address: | CLLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact: | TOMAS JILLINGS |
| Contact address: | 2246 CLLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-748-1422 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | MUNDO ASSOCIATES |
| Owner/operator address: | 2232 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 408-988-2487 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |

**SCREEN MANUFACTURING TECHNOLOGIES (Continued)** **1000598086**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002870634

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000598086
Registry ID: 110002870634
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002870634

HAZNET:
envid: 1000598086
Year: 1994
GEPAID: CAD983621277
Contact: MUNDO ASSOCIATES
Telephone: 4089882487
Mailing Name: Not reported
Mailing Address: 2246 CLLE DEL MUNDO
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Not reported
TSD EPA ID: CAD070148432
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Incineration
Tons: .2919
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1000598086
Year: 1993
GEPAID: CAD983621277
Contact: MUNDO ASSOCIATES
Telephone: 4089882487
Mailing Name: Not reported
Mailing Address: 2246 CLLE DEL MUNDO
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Not reported
TSD EPA ID: CAD070148432

**SCREEN MANUFACTURING TECHNOLOGIES (Continued)** **1000598086**

| | |
|---|---|
| TSD County: | Not reported |
| Waste Category: | Photochemicals/photoprocessing waste |
| Disposal Method: | Treatment, Incineration |
| Tons: | 0.20849999999 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000598086 |
| Year: | 1993 |
| GEPAID: | CAD983621277 |
| Contact: | MUNDO ASSOCIATES |
| Telephone: | 4089882487 |
| Mailing Name: | Not reported |
| Mailing Address: | 2246 CLLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD070148432 |
| TSD County: | Not reported |
| Waste Category: | Photochemicals/photoprocessing waste |
| Disposal Method: | Not reported |
| Tons: | 0.37530000000 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

---

**A14** **WAY OF THE WORLD** **CA CUPA Listings** **S121470400**
**SSW** **2302 CALLE DEL MUNDO** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.027 mi.**
**144 ft.** **Site 14 of 23 in cluster A**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2202 |
| Program Description: | GENERATES < 100 KG/YR |
| Latitude: | 37.409565 |
| Longitude: | -121.965985 |
| Record ID: | PR0316979 |
| Facility ID: | FA0211763 |

---

**A15** **NU METAL FINISHING INC** **PA MANIFEST** **S109246767**
**SE** **2262 CALLE DEL MUNDO** **N/A**
**< 1/8** **SANTA CLARA, CA**
**0.030 mi.**
**156 ft.** **Site 15 of 23 in cluster A**

**Relative:**
**Higher**

**Actual:**
**9 ft.**

Manifest Details:

| | |
|---|---|
| Year: | 2007 |
| Manifest Number: | 000109317JJK |
| Manifest Type: | Not reported |
| Generator EPA Id: | CAD980818488 |
| Generator Date: | 02/08/2007 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | DAVID ROLLYSON |

**NU METAL FINISHING INC (Continued)** **S109246767**

| | |
|---|---|
| Contact Phone: | 408-727-1050 |
| TSD EPA Id: | PAD002365849 |
| TSD Date: | Not reported |
| TSD Facility Name: | ABINGTON RELDAN REFINING & RECYCLING INC |
| TSD Facility Address: | 4924 WELLINGTON STREET |
| TSD Facility City: | PHILADELPHIA |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 2 |
| Waste Number: | D002 |
| Container Number: | 1 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 43 |
| Unit: | Pounds |
| Handling Code: | Not reported |
| TSP EPA Id: | Not reported |
| Date TSP Sig: | Not reported |

| | |
|---|---|
| Year: | 2007 |
| Manifest Number: | 000109317JJK |
| Manifest Type: | Not reported |
| Generator EPA Id: | CAD980818488 |
| Generator Date: | 02/08/2007 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | DAVID ROLLYSON |
| Contact Phone: | 408-727-1050 |
| TSD EPA Id: | PAD002365849 |
| TSD Date: | Not reported |
| TSD Facility Name: | ABINGTON RELDAN REFINING & RECYCLING INC |
| TSD Facility Address: | 4924 WELLINGTON STREET |
| TSD Facility City: | PHILADELPHIA |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 1 |
| Waste Number: | D002 |
| Container Number: | 1 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 17 |
| Unit: | Pounds |
| Handling Code: | Not reported |
| TSP EPA Id: | Not reported |
| Date TSP Sig: | Not reported |

---

**A16** **NU-METAL FINISHING** **CA ENVIROSTOR** **S100216238**
**SE** **2262 CALLE DEL MUNDO** **CA CHMIRS** **N/A**
**< 1/8** **SANTA CLARA, CA 95054** **CA EMI**
**0.030 mi.** **CA HIST CORTESE**
**156 ft.** **Site 16 of 23 in cluster A** **CA NPDES**
**CA WDS**
**Relative:** **CA CIWQS**
**Higher**

**Actual:**
**9 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71002694 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.40976 |
| Longitude: | -121.9646 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAD980818488 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 71002694 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Phase 1 |
| Completed Date: | 08/22/2016 |
| Comments: | Based on the owner's certification, no action is required. DTSC has not validated this information. |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

CHMIRS:

| | |
|---|---|
| OES Incident Number: | 802678 |
| OES notification: | Not reported |
| OES Date: | Not reported |
| OES Time: | Not reported |
| **Date Completed:** | **24-AUG-88** |
| Property Use: | 700 |
| Agency Id Number: | 43090 |
| Agency Incident Number: | 884219 |
| Time Notified: | 653 |
| Time Completed: | 858 |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| Surrounding Area: | 700 |
| Estimated Temperature: | 70 |
| Property Management: | P |
| More Than Two Substances Involved?: | N |
| Resp Agncy Personel # Of Decontaminated: | Not reported |
| Responding Agency Personel # Of Injuries: | Not reported |
| Responding Agency Personel # Of Fatalities: | Not reported |
| Others Number Of Decontaminated: | Not reported |
| Others Number Of Injuries: | Not reported |
| Others Number Of Fatalities: | Not reported |
| Vehicle Make/year: | Not reported |
| Vehicle License Number: | Not reported |
| Vehicle State: | Not reported |
| Vehicle Id Number: | Not reported |
| CA DOT PUC/ICC Number: | Not reported |
| Company Name: | Not reported |
| Reporting Officer Name/ID: | DAVID PARKER |
| Report Date: | 24-AUG-88 |
| Facility Telephone: | 408 984-3084 |
| Waterway Involved: | Not reported |
| Waterway: | Not reported |
| Spill Site: | Not reported |
| Cleanup By: | Not reported |
| Containment: | Not reported |
| What Happened: | Not reported |
| Type: | Not reported |
| Measure: | Not reported |
| Other: | Not reported |
| Date/Time: | Not reported |
| Year: | 88-92 |
| Agency: | Not reported |
| Incident Date: | 24-AUG-88 |
| Admin Agency: | Not reported |
| Amount: | Not reported |
| Contained: | Not reported |
| Site Type: | Not reported |
| E Date: | Not reported |
| Substance: | Not reported |
| Unknown: | Not reported |
| Substance #2: | Not reported |
| Substance #3: | Not reported |
| Evacuations: | Not reported |
| Number of Injuries: | Not reported |
| Number of Fatalities: | Not reported |
| #1 Pipeline: | Not reported |
| #2 Pipeline: | Not reported |
| #3 Pipeline: | Not reported |
| #1 Vessel >= 300 Tons: | Not reported |
| #2 Vessel >= 300 Tons: | Not reported |
| #3 Vessel >= 300 Tons: | Not reported |
| Evacs: | Not reported |
| Injuries: | Not reported |
| Fatals: | Not reported |
| Comments: | Y |
| Description: | Not reported |

**NU-METAL FINISHING (Continued)** **S100216238**

EMI:

| | |
|---|---|
| Year: | 1987 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3479 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1990 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3479 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 4 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1998 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1999 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2000 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2001 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2002 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2003 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2004 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.185 |
| Reactive Organic Gases Tons/Yr: | 0.074 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2005 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .185 |
| Reactive Organic Gases Tons/Yr: | .074 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| Year: | 2006 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .363 |
| Reactive Organic Gases Tons/Yr: | .1452 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2007 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .363 |
| Reactive Organic Gases Tons/Yr: | .1452 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2008 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .363 |
| Reactive Organic Gases Tons/Yr: | .1452 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2009 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.36299999999999999 |
| Reactive Organic Gases Tons/Yr: | 0.1452 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2010 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2.5999999999999999E-2 |
| Reactive Organic Gases Tons/Yr: | 0.0104 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2011 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.026 |
| Reactive Organic Gases Tons/Yr: | 0.0104 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2012 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.026 |
| Reactive Organic Gases Tons/Yr: | 0.0104 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| NOX - Oxides of Nitrogen Tons/Yr: | 0.001 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2013 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.026 |
| Reactive Organic Gases Tons/Yr: | 0.0104 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2014 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 22529 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 8.492e-006 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 2.088e-005 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.000109502 |
| SOX - Oxides of Sulphur Tons/Yr: | 1.09e-007 |
| Particulate Matter Tons/Yr: | 9.9015e-005 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 6.4705e-005 |

HIST CORTESE:

| | |
|---|---|
| Region: | CORTESE |
| Facility County Code: | 43 |
| Reg By: | LTNKA |
| Reg Id: | 2527 |

NPDES:

| | |
|---|---|
| Npdes Number: | Not reported |
| Facility Status: | Not reported |
| Agency Id: | Not reported |
| Region: | 2 |
| Regulatory Measure Id: | 183882 |
| Order No: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place Id: | Not reported |
| WDID: | 2 43I006686 |
| Program Type: | Not reported |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | 07/31/2015 |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| RECEIVED DATE: | 05/09/2008 |
| PROCESSED DATE: | 05/01/1992 |
| STATUS CODE NAME: | Terminated |
| STATUS DATE: | 10/06/2015 |
| PLACE SIZE: | 21000 |
| PLACE SIZE UNIT: | Acres |
| FACILITY CONTACT NAME: | Harry Corl Jr |
| FACILITY CONTACT TITLE: | Not reported |
| FACILITY CONTACT PHONE: | 408-727-1050 |
| FACILITY CONTACT PHONE EXT: | Not reported |
| FACILITY CONTACT EMAIL: | kristen@nu-metal.com |
| OPERATOR NAME: | Nu Metal Finishing Inc |
| OPERATOR ADDRESS: | PO Box 4117 |
| OPERATOR CITY: | Santa Clara |
| OPERATOR STATE: | California |
| OPERATOR ZIP: | 95056 |
| OPERATOR CONTACT NAME: | Harry Col |
| OPERATOR CONTACT TITLE: | Not reported |
| OPERATOR CONTACT PHONE: | 408-727-1050 |
| OPERATOR CONTACT PHONE EXT: | Not reported |
| OPERATOR CONTACT EMAIL: | harry@nu-metal.com |
| OPERATOR TYPE: | Private Business |
| DEVELOPER NAME: | Not reported |
| DEVELOPER ADDRESS: | Not reported |
| DEVELOPER CITY: | Not reported |
| DEVELOPER STATE: | Texas |
| DEVELOPER ZIP: | Not reported |
| DEVELOPER CONTACT NAME: | Not reported |
| DEVELOPER CONTACT TITLE: | Not reported |
| CONSTYPE LINEAR UTILITY IND: | Not reported |
| EMERGENCY PHONE NO: | 408-727-1050 |
| EMERGENCY PHONE EXT: | Not reported |
| CONSTYPE ABOVE GROUND IND: | Not reported |
| CONSTYPE BELOW GROUND IND: | Not reported |
| CONSTYPE CABLE LINE IND: | Not reported |
| CONSTYPE COMM LINE IND: | Not reported |
| CONSTYPE COMMERTIAL IND: | Not reported |
| CONSTYPE ELECTRICAL LINE IND: | Not reported |
| CONSTYPE GAS LINE IND: | Not reported |
| CONSTYPE INDUSTRIAL IND: | Not reported |
| CONSTYPE OTHER DESRIPTION: | Not reported |
| CONSTYPE OTHER IND: | Not reported |
| CONSTYPE RECONS IND: | Not reported |
| CONSTYPE RESIDENTIAL IND: | Not reported |
| CONSTYPE TRANSPORT IND: | Not reported |
| CONSTYPE UTILITY DESCRIPTION: | Not reported |
| CONSTYPE UTILITY IND: | Not reported |
| CONSTYPE WATER SEWER IND: | Not reported |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| DIR DISCHARGE USWATER IND: | Not reported |
| RECEIVING WATER NAME: | Guadalupe River |
| CERTIFIER NAME: | Not reported |
| CERTIFIER TITLE: | Not reported |
| CERTIFICATION DATE: | Not reported |
| PRIMARY SIC: | 3471-Electroplating, Plating, Polishing, Anodizing, and Coloring |
| SECONDARY SIC: | Not reported |
| TERTIARY SIC: | Not reported |
| | |
| Npdes Number: | CAS000001 |
| Facility Status: | Terminated |
| Agency Id: | 0 |
| Region: | 2 |
| Regulatory Measure Id: | 183882 |
| Order No: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place Id: | Not reported |
| WDID: | 2 43I006686 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 05/01/1992 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | 07/31/2015 |
| Discharge Name: | Nu Metal Finishing Inc |
| Discharge Address: | PO Box 4117 |
| Discharge City: | Santa Clara |
| Discharge State: | California |
| Discharge Zip: | 95056 |
| RECEIVED DATE: | Not reported |
| PROCESSED DATE: | Not reported |
| STATUS CODE NAME: | Not reported |
| STATUS DATE: | Not reported |
| PLACE SIZE: | Not reported |
| PLACE SIZE UNIT: | Not reported |
| FACILITY CONTACT NAME: | Not reported |
| FACILITY CONTACT TITLE: | Not reported |
| FACILITY CONTACT PHONE: | Not reported |
| FACILITY CONTACT PHONE EXT: | Not reported |
| FACILITY CONTACT EMAIL: | Not reported |
| OPERATOR NAME: | Not reported |
| OPERATOR ADDRESS: | Not reported |
| OPERATOR CITY: | Not reported |
| OPERATOR STATE: | Not reported |
| OPERATOR ZIP: | Not reported |
| OPERATOR CONTACT NAME: | Not reported |
| OPERATOR CONTACT TITLE: | Not reported |
| OPERATOR CONTACT PHONE: | Not reported |
| OPERATOR CONTACT PHONE EXT: | Not reported |
| OPERATOR CONTACT EMAIL: | Not reported |
| OPERATOR TYPE: | Not reported |
| DEVELOPER NAME: | Not reported |
| DEVELOPER ADDRESS: | Not reported |
| DEVELOPER CITY: | Not reported |
| DEVELOPER STATE: | Not reported |
| DEVELOPER ZIP: | Not reported |
| DEVELOPER CONTACT NAME: | Not reported |
| DEVELOPER CONTACT TITLE: | Not reported |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| CONSTYPE LINEAR UTILITY IND: | Not reported |
| EMERGENCY PHONE NO: | Not reported |
| EMERGENCY PHONE EXT: | Not reported |
| CONSTYPE ABOVE GROUND IND: | Not reported |
| CONSTYPE BELOW GROUND IND: | Not reported |
| CONSTYPE CABLE LINE IND: | Not reported |
| CONSTYPE COMM LINE IND: | Not reported |
| CONSTYPE COMMERTIAL IND: | Not reported |
| CONSTYPE ELECTRICAL LINE IND: | Not reported |
| CONSTYPE GAS LINE IND: | Not reported |
| CONSTYPE INDUSTRIAL IND: | Not reported |
| CONSTYPE OTHER DESRIPTION: | Not reported |
| CONSTYPE OTHER IND: | Not reported |
| CONSTYPE RECONS IND: | Not reported |
| CONSTYPE RESIDENTIAL IND: | Not reported |
| CONSTYPE TRANSPORT IND: | Not reported |
| CONSTYPE UTILITY DESCRIPTION: | Not reported |
| CONSTYPE UTILITY IND: | Not reported |
| CONSTYPE WATER SEWER IND: | Not reported |
| DIR DISCHARGE USWATER IND: | Not reported |
| RECEIVING WATER NAME: | Not reported |
| CERTIFIER NAME: | Not reported |
| CERTIFIER TITLE: | Not reported |
| CERTIFICATION DATE: | Not reported |
| PRIMARY SIC: | Not reported |
| SECONDARY SIC: | Not reported |
| TERTIARY SIC: | Not reported |

WDS:

| | |
|---|---|
| Facility ID: | San Francisco Bay 43I006686 |
| Facility Type: | Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping. |
| Facility Status: | Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. |
| NPDES Number: | CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board |
| Subregion: | 2 |
| Facility Telephone: | 4087271050 |
| Facility Contact: | MARK DANITSCHEK |
| Agency Name: | NUMETAL FINISHING INC |
| Agency Address: | 2262 Calle Del Mundo |
| Agency City,St,Zip: | Santa Clara 950541033 |
| Agency Contact: | MARK DANITSCHEK |
| Agency Telephone: | 4087271050 |
| Agency Type: | Private |
| SIC Code: | 0 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Not reported |
| Primary Waste: | Not reported |
| Waste Type2: | Not reported |
| Waste2: | Not reported |
| Primary Waste Type: | Not reported |
| Secondary Waste: | Not reported |

**NU-METAL FINISHING (Continued)** **S100216238**

Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

| | |
|---|---|
| Agency: | Nu Metal Finishing Inc |
| Agency Address: | PO Box 4117, Santa Clara, CA 95056 |
| Place/Project Type: | Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring |
| SIC/NAICS: | 3471 |
| Region: | 2 |
| Program: | INDSTW |
| Regulatory Measure Status: | Terminated |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 2 43I006686 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 05/01/1992 |
| Termination Date: | 07/31/2015 |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 37.40987 |
| Longitude: | -121.96561 |

---

**A17** **EPZ INC** **RCRA-LQG** **1000298703**
**SE** **2262 CALLE DEL MUNDO** **CAD980818488**
**< 1/8** **SANTA CLARA, CA 95054**
**0.030 mi.**
**156 ft.** **Site 17 of 23 in cluster A**

**Relative:**
**Higher**

**Actual:**
**9 ft.**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 11/18/2015 |
| Facility name: | EPZ INC |
| Facility address: | 2262 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD980818488 |
| Mailing address: | CALLE DEL MUNDO |

**EPZ INC (Continued)** **1000298703**

| | |
|---|---|
| | SANTA CLARA, CA 95054 |
| Contact: | GUILLERMO GUTIERREZ |
| Contact address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-982-9434 |
| Contact email: | EPZINC93@YAHOO.COM |
| EPA Region: | 09 |
| Land type: | Private |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | FRG LLC |
| Owner/operator address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Owner/operator country: | US |
| Owner/operator telephone: | 408-817-0486 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 06/01/2014 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | EPZ INC |
| Owner/operator address: | Not reported<br>Not reported |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 09/01/2015 |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |

**EPZ INC (Continued)** **1000298703**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Historical Generators:
Date form received by agency: 03/01/2014
Site name: NU-METAL FINSIHING INC.
Classification: Large Quantity Generator

. Waste code: 121

**EPZ INC (Continued)** **1000298703**

. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 123
. Waste name: Unspecified alkaline solution

. Waste code: 131
. Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

. Waste code: 132
. Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 491
. Waste name: Unspecified sludge waste

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

**EPZ INC (Continued)** **1000298703**

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

Date form received by agency: 02/07/2012
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003

**EPZ INC (Continued)** **1000298703**

. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

**EPZ INC (Continued)** **1000298703**

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

Date form received by agency: 02/16/2010
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 123
. Waste name: Unspecified alkaline solution

. Waste code: 131
. Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D010

**EPZ INC (Continued)** **1000298703**

. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 02/13/2008
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT

**EPZ INC (Continued)** **1000298703**

NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Date form received by agency: 02/10/2006
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 123
. Waste name: Unspecified alkaline solution

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 551
. Waste name: Laboratory waste chemicals

**EPZ INC (Continued)** **1000298703**

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 723
. Waste name: Liquids with chromium (VI) > 500 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

**EPZ INC (Continued)** **1000298703**

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Date form received by agency: 02/13/2004
Site name: NU-METAL FINISHING INC
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011

**EPZ INC (Continued)** **1000298703**

. Waste name: SILVER

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 02/26/2002
Site name: NU-METAL FINISHING, INC
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/02/1998
Site name: NU METAL FINISHING INC
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: NU METAL FINISHING INC
Classification: Small Quantity Generator

Date form received by agency: 02/29/1996
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/21/1994
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

**EPZ INC (Continued)** **1000298703**

Date form received by agency: 01/28/1992
Site name: NU-METAL FINISHING INC
Classification: Large Quantity Generator

Date form received by agency: 03/27/1990
Site name: NU-METAL FINISHING INC
Classification: Large Quantity Generator

Date form received by agency: 11/16/1982
Site name: NU METAL FINISHING INC
Classification: Large Quantity Generator

Date form received by agency: 11/16/1982
Site name: NU METAL FINISHING INC
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/25/2009
Date achieved compliance: 09/30/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/25/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 06/23/2009
Date achieved compliance: 02/17/2010
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 08/07/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 06/23/2009
Date achieved compliance: 02/17/2010
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported

**EPZ INC (Continued)** **1000298703**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 06/23/2009
Date achieved compliance: 02/17/2010
Violation lead agency: EPA
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 10/30/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/06/2006
Date achieved compliance: 06/05/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/06/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 12/07/1994
Date achieved compliance: 01/06/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 12/08/1983
Date achieved compliance: 12/07/1994
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

**EPZ INC (Continued)** **1000298703**

Evaluation Action Summary:

| | |
|---|---|
| Evaluation date: | 08/17/2012 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | State |

| | |
|---|---|
| Evaluation date: | 08/13/2010 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | State |

| | |
|---|---|
| Evaluation date: | 02/17/2010 |
| Evaluation: | NOT A SIGNIFICANT NON-COMPLIER |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | EPA |

| | |
|---|---|
| Evaluation date: | 08/25/2009 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - General |
| Date achieved compliance: | 09/30/2009 |
| Evaluation lead agency: | State |

| | |
|---|---|
| Evaluation date: | 06/23/2009 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - Pre-transport |
| Date achieved compliance: | 02/17/2010 |
| Evaluation lead agency: | EPA |

| | |
|---|---|
| Evaluation date: | 06/23/2009 |
| Evaluation: | SIGNIFICANT NON-COMPLIER |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | EPA |

| | |
|---|---|
| Evaluation date: | 08/16/2006 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | State |

| | |
|---|---|
| Evaluation date: | 04/06/2006 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - General |
| Date achieved compliance: | 06/05/2006 |
| Evaluation lead agency: | Local |

| | |
|---|---|
| Evaluation date: | 02/23/1995 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - General |
| Date achieved compliance: | 06/05/2006 |
| Evaluation lead agency: | State Contractor/Grantee |

| | |
|---|---|
| Evaluation date: | 12/07/1994 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |

**EPZ INC (Continued)** **1000298703**

| | |
|---|---|
| Area of violation: | Generators - General |
| Date achieved compliance: | 01/06/1995 |
| Evaluation lead agency: | State Contractor/Grantee |
| Evaluation date: | 12/08/1983 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - General |
| Date achieved compliance: | 12/07/1994 |
| Evaluation lead agency: | EPA |

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**A18**
**ESE**
**< 1/8**
**0.036 mi.**
**191 ft.**

**ITALIX CO., INC.**
**2232 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054**

**Site 18 of 23 in cluster A**

**CA ENVIROSTOR** **S100937520**
**CA EMI** **N/A**
**CA NPDES**
**CA WDS**
**CA CIWQS**

**Relative:**
**Higher**

**Actual:**
**9 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71002788 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.41004 |
| Longitude: | -121.9638 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAD981388630 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110000887005 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 71002788 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |

**ITALIX CO., INC. (Continued)** **S100937520**

| | |
|---|---|
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

EMI:

| | |
|---|---|
| Year: | 1990 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1993 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1995 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |

**ITALIX CO., INC. (Continued)** **S100937520**

| | |
|---|---|
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1996 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1997 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1998 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 3 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1999 |
| County Code: | 43 |
| Air Basin: | SF |

**ITALIX CO., INC. (Continued)** **S100937520**

| | |
|---|---|
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3479 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2000 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3479 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2001 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3479 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2002 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |

**ITALIX CO., INC. (Continued)** **S100937520**

| | |
|---|---|
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2003 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2004 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.311 |
| Reactive Organic Gases Tons/Yr: | 0.2469335 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.005 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.0045 |

| | |
|---|---|
| Year: | 2005 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .311 |
| Reactive Organic Gases Tons/Yr: | .2469335 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .005 |

**ITALIX CO., INC. (Continued)** **S100937520**

Part. Matter 10 Micrometers and Smllr Tons/Yr:.0045

| | |
|---|---|
| Year: | 2006 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .337 |
| Reactive Organic Gases Tons/Yr: | .2561335 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .005 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .0045 |

| | |
|---|---|
| Year: | 2007 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .235 |
| Reactive Organic Gases Tons/Yr: | .1714225 |
| Carbon Monoxide Emissions Tons/Yr: | .008 |
| NOX - Oxides of Nitrogen Tons/Yr: | .037 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .006 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .005133 |

| | |
|---|---|
| Year: | 2008 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .194 |
| Reactive Organic Gases Tons/Yr: | .1365554 |
| Carbon Monoxide Emissions Tons/Yr: | .008 |
| NOX - Oxides of Nitrogen Tons/Yr: | .037 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .006 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .005133 |

| | |
|---|---|
| Year: | 2009 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |

**ITALIX CO., INC. (Continued)** **S100937520**

| | |
|---|---|
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.19700000000000001 |
| Reactive Organic Gases Tons/Yr: | 0.1390469 |
| Carbon Monoxide Emissions Tons/Yr: | 8.0000000000000002E-3 |
| NOX - Oxides of Nitrogen Tons/Yr: | 3.6999999999999998E-2 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 6.0000000000000001E-3 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 5.1330000000000004E-3 |

| | |
|---|---|
| Year: | 2010 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.20100000000000001 |
| Reactive Organic Gases Tons/Yr: | 0.1471044 |
| Carbon Monoxide Emissions Tons/Yr: | 8.0000000000000002E-3 |
| NOX - Oxides of Nitrogen Tons/Yr: | 3.6999999999999998E-2 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 7.1353343865192204E-3 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 6.0000000000000001E-3 |

| | |
|---|---|
| Year: | 2011 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.197 |
| Reactive Organic Gases Tons/Yr: | 0.1437824 |
| Carbon Monoxide Emissions Tons/Yr: | 0.008 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.037 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2012 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.208 |

**ITALIX CO., INC. (Continued)** **S100937520**

| | |
|---|---|
| Reactive Organic Gases Tons/Yr: | 0.1529179 |
| Carbon Monoxide Emissions Tons/Yr: | 0.008 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.037 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.0071353343865 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.006 |

| | |
|---|---|
| Year: | 2013 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.197 |
| Reactive Organic Gases Tons/Yr: | 0.1437824 |
| Carbon Monoxide Emissions Tons/Yr: | 0.008 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.037 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.009 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.006 |

| | |
|---|---|
| Year: | 2014 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.218428363 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0.008690463 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.036711153 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.000156403 |
| Particulate Matter Tons/Yr: | 0.00935154 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.006385802 |

| | |
|---|---|
| Year: | 2015 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.218428364 |
| Reactive Organic Gases Tons/Yr: | 0.179380301 |
| Carbon Monoxide Emissions Tons/Yr: | 0.008690463 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.036711153 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.000156403 |
| Particulate Matter Tons/Yr: | 0.00935154 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.006385802 |

**ITALIX CO., INC. (Continued)** **S100937520**

NPDES:

| | |
|---|---|
| Npdes Number: | Not reported |
| Facility Status: | Not reported |
| Agency Id: | Not reported |
| Region: | 2 |
| Regulatory Measure Id: | 183814 |
| Order No: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place Id: | Not reported |
| WDID: | 2 43I006060 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| RECEIVED DATE: | 05/09/2008 |
| PROCESSED DATE: | 04/20/1992 |
| STATUS CODE NAME: | Active |
| STATUS DATE: | 04/20/1992 |
| PLACE SIZE: | 29000 |
| PLACE SIZE UNIT: | SqFt |
| FACILITY CONTACT NAME: | Tim Thompson |
| FACILITY CONTACT TITLE: | EHS Coordinator |
| FACILITY CONTACT PHONE: | 408-988-2487 |
| FACILITY CONTACT PHONE EXT: | Not reported |
| FACILITY CONTACT EMAIL: | tim@italix.com |
| OPERATOR NAME: | Italix |
| OPERATOR ADDRESS: | 2232 Calle Del Mundo |
| OPERATOR CITY: | Santa Clara |
| OPERATOR STATE: | California |
| OPERATOR ZIP: | 95054 |
| OPERATOR CONTACT NAME: | Tim Thompson |
| OPERATOR CONTACT TITLE: | Not reported |
| OPERATOR CONTACT PHONE: | 408-988-2487 |
| OPERATOR CONTACT PHONE EXT: | Not reported |
| OPERATOR CONTACT EMAIL: | tim@italix.com |
| OPERATOR TYPE: | Private Business |
| DEVELOPER NAME: | Not reported |
| DEVELOPER ADDRESS: | Not reported |
| DEVELOPER CITY: | Not reported |
| DEVELOPER STATE: | California |
| DEVELOPER ZIP: | Not reported |
| DEVELOPER CONTACT NAME: | Not reported |
| DEVELOPER CONTACT TITLE: | Not reported |
| CONSTYPE LINEAR UTILITY IND: | Not reported |
| EMERGENCY PHONE NO: | 408-988-2487 |
| EMERGENCY PHONE EXT: | Not reported |
| CONSTYPE ABOVE GROUND IND: | Not reported |
| CONSTYPE BELOW GROUND IND: | Not reported |
| CONSTYPE CABLE LINE IND: | Not reported |
| CONSTYPE COMM LINE IND: | Not reported |
| CONSTYPE COMMERTIAL IND: | Not reported |

**ITALIX CO., INC. (Continued)** **S100937520**

| | |
|---|---|
| CONSTYPE ELECTRICAL LINE IND: | Not reported |
| CONSTYPE GAS LINE IND: | Not reported |
| CONSTYPE INDUSTRIAL IND: | Not reported |
| CONSTYPE OTHER DESRIPTION: | Not reported |
| CONSTYPE OTHER IND: | Not reported |
| CONSTYPE RECONS IND: | Not reported |
| CONSTYPE RESIDENTIAL IND: | Not reported |
| CONSTYPE TRANSPORT IND: | Not reported |
| CONSTYPE UTILITY DESCRIPTION: | Not reported |
| CONSTYPE UTILITY IND: | Not reported |
| CONSTYPE WATER SEWER IND: | Not reported |
| DIR DISCHARGE USWATER IND: | N |
| RECEIVING WATER NAME: | Guadalupe River |
| CERTIFIER NAME: | Frank Fantino |
| CERTIFIER TITLE: | President |
| CERTIFICATION DATE: | 20-FEB-15 |
| PRIMARY SIC: | 3479-Coating, Engraving, and Allied Services, NEC |
| SECONDARY SIC: | 3471-Electroplating, Plating, Polishing, Anodizing, and Coloring |
| TERTIARY SIC: | Not reported |
| | |
| Npdes Number: | CAS000001 |
| Facility Status: | Active |
| Agency Id: | 0 |
| Region: | 2 |
| Regulatory Measure Id: | 183814 |
| Order No: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place Id: | Not reported |
| WDID: | 2 43I006060 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 04/20/1992 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Italix |
| Discharge Address: | 2232 Calle Del Mundo |
| Discharge City: | Santa Clara |
| Discharge State: | California |
| Discharge Zip: | 95054 |
| RECEIVED DATE: | Not reported |
| PROCESSED DATE: | Not reported |
| STATUS CODE NAME: | Not reported |
| STATUS DATE: | Not reported |
| PLACE SIZE: | Not reported |
| PLACE SIZE UNIT: | Not reported |
| FACILITY CONTACT NAME: | Not reported |
| FACILITY CONTACT TITLE: | Not reported |
| FACILITY CONTACT PHONE: | Not reported |
| FACILITY CONTACT PHONE EXT: | Not reported |
| FACILITY CONTACT EMAIL: | Not reported |
| OPERATOR NAME: | Not reported |
| OPERATOR ADDRESS: | Not reported |
| OPERATOR CITY: | Not reported |
| OPERATOR STATE: | Not reported |
| OPERATOR ZIP: | Not reported |
| OPERATOR CONTACT NAME: | Not reported |
| OPERATOR CONTACT TITLE: | Not reported |

**ITALIX CO., INC. (Continued)** **S100937520**

| | |
|---|---|
| OPERATOR CONTACT PHONE: | Not reported |
| OPERATOR CONTACT PHONE EXT: | Not reported |
| OPERATOR CONTACT EMAIL: | Not reported |
| OPERATOR TYPE: | Not reported |
| DEVELOPER NAME: | Not reported |
| DEVELOPER ADDRESS: | Not reported |
| DEVELOPER CITY: | Not reported |
| DEVELOPER STATE: | Not reported |
| DEVELOPER ZIP: | Not reported |
| DEVELOPER CONTACT NAME: | Not reported |
| DEVELOPER CONTACT TITLE: | Not reported |
| CONSTYPE LINEAR UTILITY IND: | Not reported |
| EMERGENCY PHONE NO: | Not reported |
| EMERGENCY PHONE EXT: | Not reported |
| CONSTYPE ABOVE GROUND IND: | Not reported |
| CONSTYPE BELOW GROUND IND: | Not reported |
| CONSTYPE CABLE LINE IND: | Not reported |
| CONSTYPE COMM LINE IND: | Not reported |
| CONSTYPE COMMERTIAL IND: | Not reported |
| CONSTYPE ELECTRICAL LINE IND: | Not reported |
| CONSTYPE GAS LINE IND: | Not reported |
| CONSTYPE INDUSTRIAL IND: | Not reported |
| CONSTYPE OTHER DESRIPTION: | Not reported |
| CONSTYPE OTHER IND: | Not reported |
| CONSTYPE RECONS IND: | Not reported |
| CONSTYPE RESIDENTIAL IND: | Not reported |
| CONSTYPE TRANSPORT IND: | Not reported |
| CONSTYPE UTILITY DESCRIPTION: | Not reported |
| CONSTYPE UTILITY IND: | Not reported |
| CONSTYPE WATER SEWER IND: | Not reported |
| DIR DISCHARGE USWATER IND: | Not reported |
| RECEIVING WATER NAME: | Not reported |
| CERTIFIER NAME: | Not reported |
| CERTIFIER TITLE: | Not reported |
| CERTIFICATION DATE: | Not reported |
| PRIMARY SIC: | Not reported |
| SECONDARY SIC: | Not reported |
| TERTIARY SIC: | Not reported |

WDS:

| | |
|---|---|
| Facility ID: | San Francisco Bay 43I006060 |
| Facility Type: | Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping. |
| Facility Status: | Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. |
| NPDES Number: | CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board |
| Subregion: | 2 |
| Facility Telephone: | 4089882487 |
| Facility Contact: | TIM THOMPSON |
| Agency Name: | ITALIX CO |
| Agency Address: | 2232 Calle Del Mundo |
| Agency City,St,Zip: | Santa Clara 950541026 |

**ITALIX CO., INC. (Continued)** **S100937520**

| | |
|---|---|
| Agency Contact: | TIM THOMPSON |
| Agency Telephone: | 4089882487 |
| Agency Type: | Private |
| SIC Code: | 0 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Not reported |
| Primary Waste: | Not reported |
| Waste Type2: | Not reported |
| Waste2: | Not reported |
| Primary Waste Type: | Not reported |
| Secondary Waste: | Not reported |
| Secondary Waste Type: | Not reported |
| Design Flow: | 0 |
| Baseline Flow: | 0 |
| Reclamation: | Not reported |
| POTW: | Not reported |
| Treat To Water: | Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality. |
| Complexity: | Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds. |

CIWQS:

| | |
|---|---|
| Agency: | Italix |
| Agency Address: | 2232 Calle Del Mundo, Santa Clara, CA 95054 |
| Place/Project Type: | Industrial - Coating, Engraving, and Allied Services, NEC |
| SIC/NAICS: | Multiple |
| Region: | 2 |
| Program: | INDSTW |
| Regulatory Measure Status: | Active |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 2 43I006060 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 04/20/1992 |
| Termination Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 37.41004 |
| Longitude: | -121.96508 |

**A19 ESE < 1/8 0.036 mi. 191 ft.** | **GYREX CORPORATION 2234 CALLE DEL MUNDO SANTA CLARA, CA 95050** | **RCRA NonGen / NLR FINDS ECHO** | **1000225602 CAD980584528**

**Site 19 of 23 in cluster A**

**Relative: Higher**

**Actual: 9 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 03/03/1982 |
| Facility name: | GYREX CORPORATION |
| Facility address: | 2234 CALLE DEL MUNDO<br>SANTA CLARA, CA 95050 |
| EPA ID: | CAD980584528 |
| Mailing address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95050 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2234 CALLE DEL MUNDO<br>SANTA CLARA, CA 95050 |
| Contact country: | US |
| Contact telephone: | 408-988-2216 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |

**GYREX CORPORATION (Continued)** **1000225602**

| | |
|---|---|
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

FINDS:

Registry ID: 110002669050

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000225602 |
| Registry ID: | 110002669050 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002669050 |

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**A20** **ITALIX COMPANY INC** **RCRA-LQG** **1000287591**
**ESE** **2232 CALLE DEL MUNDO** **FINDS** **CAD981388630**
**< 1/8** **SANTA CLARA, CA 95054** **ECHO**
**0.036 mi.** **CA HAZNET**
**191 ft.** **Site 20 of 23 in cluster A**

**Relative: Higher**

**Actual: 9 ft.**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 02/16/2016 |
| Facility name: | ITALIX COMPANY INC |
| Facility address: | 2232 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD981388630 |
| Mailing address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact: | TIMOTHY J THOMPSON |
| Contact address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-988-2487 |
| Contact email: | TIM@ITALIX.COM |
| EPA Region: | 09 |
| Land type: | Private |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste |

**ITALIX COMPANY INC (Continued)** **1000287591**

during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | ITALIX COMPANY INC |
| Owner/operator address: | Not reported |
| | Not reported |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 08/06/1977 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | 2232 CALLE DEL MUNDO LLC |
| Owner/operator address: | THE ALAMEDA 2ND FLOOR |
| | SAN JOSE, CA 95126 |
| Owner/operator country: | US |
| Owner/operator telephone: | 253-678-7359 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 09/01/2015 |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

. Waste code: 121

**ITALIX COMPANY INC (Continued)** **1000287591**

. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Historical Generators:
Date form received by agency: 03/01/2014
Site name: ITALIX COMPANY INC
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 491
. Waste name: Unspecified sludge waste

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001

**ITALIX COMPANY INC (Continued)** **1000287591**

. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 03/06/2012
Site name: ITALIX COMPANY INC
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 491
. Waste name: Unspecified sludge waste

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F006

**ITALIX COMPANY INC (Continued)** **1000287591**

. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 06/15/2010
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 491
. Waste name: Unspecified sludge waste

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 02/08/2008
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

**ITALIX COMPANY INC (Continued)** **1000287591**

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/17/2006
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 01/27/2004
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/20/2001
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

**ITALIX COMPANY INC (Continued)** **1000287591**

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 10/12/2000
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: ITALIX CORP
Classification: Large Quantity Generator

Date form received by agency: 02/20/1996
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/17/1994
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/18/1992
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/14/1986
Site name: ITALIX CORP
Classification: Small Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D002

**ITALIX COMPANY INC (Continued)** **1000287591**

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 23926.7

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 20125.6

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 24727.6

Waste code: D008
Waste name: LEAD
Amount (Lbs): 20125.6

Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Amount (Lbs): 1528.9

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/25/2010
Date achieved compliance: 06/28/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/25/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/18/2003
Date achieved compliance: 09/12/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/18/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

**ITALIX COMPANY INC (Continued)** **1000287591**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 07/17/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/25/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/28/2010
Evaluation lead agency: State

Evaluation date: 05/21/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/18/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/12/2003
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110000887005

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting

**ITALIX COMPANY INC (Continued)** **1000287591**

requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS AIR POLLUTANT MAJOR

HAZARDOUS WASTE BIENNIAL REPORTER

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000287591 |
| Registry ID: | 110000887005 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110000887005 |

HAZNET:

| | |
|---|---|
| envid: | 1000287591 |
| Year: | 2016 |
| GEPAID: | CAD981388630 |
| Contact: | TIMOTHY J THOMPSON |
| Telephone: | 4089882487 |
| Mailing Name: | Not reported |
| Mailing Address: | 2232 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541005 |
| Gen County: | Santa Clara |
| TSD EPA ID: | CAD097030993 |
| TSD County: | Los Angeles |
| Waste Category: | Liquids with pH <= 2 with metals |
| Disposal Method: | Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment) |
| Tons: | 0.22935 |
| Cat Decode: | Liquids with pH <= 2 with metals |
| Method Decode: | Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment) |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000287591 |
| Year: | 2016 |
| GEPAID: | CAD981388630 |
| Contact: | TIMOTHY J THOMPSON |
| Telephone: | 4089882487 |
| Mailing Name: | Not reported |
| Mailing Address: | 2232 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541005 |
| Gen County: | Santa Clara |
| TSD EPA ID: | CAT000646117 |

**ITALIX COMPANY INC (Continued)** **1000287591**

| | |
|---|---|
| TSD County: | Kings |
| Waste Category: | Alkaline solution (pH >= 12.5) with metals |
| Disposal Method: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Tons: | 3.8364 |
| Cat Decode: | Alkaline solution (pH >= 12.5) with metals |
| Method Decode: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000287591 |
| Year: | 2016 |
| GEPAID: | CAD981388630 |
| Contact: | TIMOTHY J THOMPSON |
| Telephone: | 4089882487 |
| Mailing Name: | Not reported |
| Mailing Address: | 2232 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541005 |
| Gen County: | Santa Clara |
| TSD EPA ID: | NVT330010000 |
| TSD County: | 99 |
| Waste Category: | Liquids with pH <= 2 with metals |
| Disposal Method: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Tons: | 3.89895 |
| Cat Decode: | Liquids with pH <= 2 with metals |
| Method Decode: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000287591 |
| Year: | 2016 |
| GEPAID: | CAD981388630 |
| Contact: | TIMOTHY J THOMPSON |
| Telephone: | 4089882487 |
| Mailing Name: | Not reported |
| Mailing Address: | 2232 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541005 |
| Gen County: | Santa Clara |
| TSD EPA ID: | NVT330010000 |
| TSD County: | 99 |
| Waste Category: | Other inorganic solid waste |
| Disposal Method: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Tons: | 1.96 |
| Cat Decode: | Other inorganic solid waste |
| Method Decode: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000287591 |
| Year: | 2016 |
| GEPAID: | CAD981388630 |
| Contact: | TIMOTHY J THOMPSON |
| Telephone: | 4089882487 |
| Mailing Name: | Not reported |
| Mailing Address: | 2232 CALLE DEL MUNDO |

**ITALIX COMPANY INC (Continued)** **1000287591**

| | |
|---|---|
| Mailing City,St,Zip: | SANTA CLARA, CA 950541005 |
| Gen County: | Santa Clara |
| TSD EPA ID: | MND981098478 |
| TSD County: | 99 |
| Waste Category: | Unspecified aqueous solution |
| Disposal Method: | H120 |
| Tons: | 0.4368 |
| Cat Decode: | Unspecified aqueous solution |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

Click this hyperlink while viewing on your computer to access
230 additional CA_HAZNET: record(s) in the EDR Site Report.

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**A21** **ITALIX CO INC** **CA CUPA Listings** **S121470387**
**ESE** **2232 CALLE DEL MUNDO** **CA CERS HAZ WASTE** **N/A**
**< 1/8** **SANTA CLARA, CA 95054** **CA CERS**
**0.036 mi.**
**191 ft.** **Site 21 of 23 in cluster A**

**Relative:**
**Higher**
**Actual:**
**9 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2208 |
| Program Description: | GENERATES 50 TO <250 TONS/YR |
| Latitude: | 37.409958 |
| Longitude: | -121.964806 |
| Record ID: | PR0312700 |
| Facility ID: | FA0211736 |

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 38657 |
| CERS ID: | 10084477 |
| CERS Description: | Hazardous Waste Generator |

Violations:

| | |
|---|---|
| Site ID: | 38657 |
| Site Name: | ITALIX CO INC |
| Violation Date: | 10-28-2014 |
| Citation: | 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173 |
| Violation Description: | Failure to properly close hazardous waste containers when not in active use. |
| Violation Notes: | Returned to compliance on 11/24/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 38657 |
| Site Name: | ITALIX CO INC |
| Violation Date: | 05-25-2010 |
| Citation: | HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections |
| Violation Description: | RCRA Large Quantity Generator Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 06/28/2010. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |

**ITALIX CO INC (Continued)** **S121470387**

Site ID: 38657
Site Name: ITALIX CO INC
Violation Date: 10-28-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/24/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 38657
Site Name: ITALIX CO INC
Violation Date: 10-28-2014
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain, reproduce, and provide the following documents at the facility where the FTU is operating: 1) The waste analysis plan for the treatment operation; 2) The written inspection schedule; 3) All training documents; 4) The contingency plan; 5) A copy of the most recent treatment notification and a copy of the most recent acknowledgement received from the Department, CUPA or authorized agency; 6) A copy of any local Air District permit and other permits required for the operation of the FTU; 7) A copy of the closure plan; 8) A copy of documents related to the environmental investigation and any cleanup, abatement or other necessary remedial action taken; and 9) Documentation of any convictions, judgments, settlements, or orders resulting from any action by any local, State, or federal environmental or public health enforcement agency concerning the operation of the facility within the last three years, as the documents would be available under the California Public Records Act.
Violation Notes: Returned to compliance on 11/24/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-21-2008
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Douglas Hansen
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-25-2010
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Santa Clara City
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HWRecycler |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-25-2007 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Canta Clara Inspector |
| Eval Division: | Santa Clara County Environmental Health |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-25-2007 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Santa Clara County |
| Eval Division: | Santa Clara County Environmental Health |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 10-28-2014 |
| Violations Found: | No |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 10-28-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 10-28-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 38657 |
| Site Name: | ITALIX CO INC |
| Site Address: | 2232 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 05-25-2010 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | HWLQG |
| Enf Action Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 38657 |
| Facility Name: | ITALIX CO INC |
| Env Int Type Code: | HWG |
| Program ID: | 10084477 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409958 |
| Longitude: | -121.964111 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Robert L. Armanasco |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Italix Company Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-2487 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | ITALIX CO INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Gonzalo Medina |
| Entity Title: | Production Supervisor |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 985-1364 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | R&C Brown |
| Entity Title: | Not reported |
| Affiliation Address: | 1955 The Alameda, 2nd Floor |
| Affiliation City: | San Jose |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95126 |
| Affiliation Phone: | (408) 963-6747 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Alyssa DePalma |
| Entity Title: | Office Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 997-1037 |

**ITALIX CO INC (Continued)** **S121470387**

Site ID: 38657
CERS ID: 10084477
CERS Description: RCRA LQ HW Generator

Violations:

Site ID: 38657
Site Name: ITALIX CO INC
Violation Date: 10-28-2014
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 11/24/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 38657
Site Name: ITALIX CO INC
Violation Date: 05-25-2010
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/28/2010.
Violation Division: Santa Clara City Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 38657
Site Name: ITALIX CO INC
Violation Date: 10-28-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/24/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 38657
Site Name: ITALIX CO INC
Violation Date: 10-28-2014
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain, reproduce, and provide the following documents at the facility where the FTU is operating: 1) The waste analysis plan for the treatment operation; 2) The written inspection schedule; 3) All training documents; 4) The contingency plan; 5) A copy of the most recent treatment notification and a copy of the most recent acknowledgement received from the Department, CUPA or authorized agency; 6) A copy of any local Air District permit and other permits required for the operation of the FTU; 7) A copy of the closure plan; 8) A copy of documents related to the environmental investigation and any cleanup, abatement or other necessary remedial action taken; and

**ITALIX CO INC (Continued)** **S121470387**

9) Documentation of any convictions, judgments, settlements, or orders resulting from any action by any local, State, or federal environmental or public health enforcement agency concerning the operation of the facility within the last three years, as the documents would be available under the California Public Records Act.

Violation Notes: Returned to compliance on 11/24/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-21-2008
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Douglas Hansen
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-25-2010
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Santa Clara City
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWRecycler
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Eval Date: | 07-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-25-2007 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Canta Clara Inspector |
| Eval Division: | Santa Clara County Environmental Health |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-25-2007 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Santa Clara County |
| Eval Division: | Santa Clara County Environmental Health |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 10-28-2014 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 10-28-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 10-28-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 38657 |
| Site Name: | ITALIX CO INC |
| Site Address: | 2232 CALLE DEL MUNDO |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 05-25-2010 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | HWLQG |
| Enf Action Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 38657 |
| Facility Name: | ITALIX CO INC |
| Env Int Type Code: | HWG |
| Program ID: | 10084477 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409958 |
| Longitude: | -121.964111 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Robert L. Armanasco |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Italix Company Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-2487 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | ITALIX CO INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Gonzalo Medina |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Entity Title: | Production Supervisor |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 985-1364 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | R&C Brown |
| Entity Title: | Not reported |
| Affiliation Address: | 1955 The Alameda, 2nd Floor |
| Affiliation City: | San Jose |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95126 |
| Affiliation Phone: | (408) 963-6747 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Alyssa DePalma |
| Entity Title: | Office Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 997-1037 |

| | |
|---|---|
| Site ID: | 38657 |
| CERS ID: | 10084477 |
| CERS Description: | Hazardous Waste Onsite Treatment |

Violations:

| | |
|---|---|
| Site ID: | 38657 |
| Site Name: | ITALIX CO INC |
| Violation Date: | 10-28-2014 |
| Citation: | 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173 |
| Violation Description: | Failure to properly close hazardous waste containers when not in active use. |
| Violation Notes: | Returned to compliance on 11/24/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 38657 |
| Site Name: | ITALIX CO INC |
| Violation Date: | 05-25-2010 |
| Citation: | HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections |
| Violation Description: | RCRA Large Quantity Generator Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 06/28/2010. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |

**ITALIX CO INC (Continued)** **S121470387**

Site ID: 38657
Site Name: ITALIX CO INC
Violation Date: 10-28-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/24/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 38657
Site Name: ITALIX CO INC
Violation Date: 10-28-2014
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain, reproduce, and provide the following documents at the facility where the FTU is operating: 1) The waste analysis plan for the treatment operation; 2) The written inspection schedule; 3) All training documents; 4) The contingency plan; 5) A copy of the most recent treatment notification and a copy of the most recent acknowledgement received from the Department, CUPA or authorized agency; 6) A copy of any local Air District permit and other permits required for the operation of the FTU; 7) A copy of the closure plan; 8) A copy of documents related to the environmental investigation and any cleanup, abatement or other necessary remedial action taken; and 9) Documentation of any convictions, judgments, settlements, or orders resulting from any action by any local, State, or federal environmental or public health enforcement agency concerning the operation of the facility within the last three years, as the documents would be available under the California Public Records Act.
Violation Notes: Returned to compliance on 11/24/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-21-2008
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Douglas Hansen
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-25-2010
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Santa Clara City
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HWRecycler |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-25-2007 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Canta Clara Inspector |
| Eval Division: | Santa Clara County Environmental Health |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-25-2007 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Santa Clara County |
| Eval Division: | Santa Clara County Environmental Health |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 10-28-2014 |
| Violations Found: | No |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 10-28-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 10-28-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 38657 |
| Site Name: | ITALIX CO INC |
| Site Address: | 2232 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 05-25-2010 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | HWLQG |
| Enf Action Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 38657 |
| Facility Name: | ITALIX CO INC |
| Env Int Type Code: | HWG |
| Program ID: | 10084477 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409958 |
| Longitude: | -121.964111 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Robert L. Armanasco |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Italix Company Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-2487 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | ITALIX CO INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Gonzalo Medina |
| Entity Title: | Production Supervisor |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 985-1364 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | R&C Brown |
| Entity Title: | Not reported |
| Affiliation Address: | 1955 The Alameda, 2nd Floor |
| Affiliation City: | San Jose |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95126 |
| Affiliation Phone: | (408) 963-6747 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Alyssa DePalma |
| Entity Title: | Office Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 997-1037 |

**ITALIX CO INC (Continued)** **S121470387**

CERS TANKS:

| | |
|---|---|
| Site ID: | 38657 |
| CERS ID: | 10084477 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 38657 |
| Site Name: | ITALIX CO INC |
| Violation Date: | 10-28-2014 |
| Citation: | 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173 |
| Violation Description: | Failure to properly close hazardous waste containers when not in active use. |
| Violation Notes: | Returned to compliance on 11/24/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 38657 |
| Site Name: | ITALIX CO INC |
| Violation Date: | 05-25-2010 |
| Citation: | HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections |
| Violation Description: | RCRA Large Quantity Generator Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 06/28/2010. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 38657 |
| Site Name: | ITALIX CO INC |
| Violation Date: | 10-28-2014 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 11/24/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 38657 |
| Site Name: | ITALIX CO INC |
| Violation Date: | 10-28-2014 |
| Citation: | 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8) |
| Violation Description: | Failure to maintain, reproduce, and provide the following documents at the facility where the FTU is operating: 1) The waste analysis plan for the treatment operation; 2) The written inspection schedule; 3) All training documents; 4) The contingency plan; 5) A copy of the most recent treatment notification and a copy of the most recent acknowledgement received from the Department, CUPA or authorized agency; 6) A copy of any local Air District permit and other permits required for the operation of the FTU; 7) A copy of the closure plan; |

**ITALIX CO INC (Continued)** **S121470387**

8) A copy of documents related to the environmental investigation and any cleanup, abatement or other necessary remedial action taken; and
9) Documentation of any convictions, judgments, settlements, or orders resulting from any action by any local, State, or federal environmental or public health enforcement agency concerning the operation of the facility within the last three years, as the documents would be available under the California Public Records Act.

Violation Notes: Returned to compliance on 11/24/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-21-2008
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Douglas Hansen
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-25-2010
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Santa Clara City
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWRecycler
Eval Source: CERS

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-25-2007 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Canta Clara Inspector |
| Eval Division: | Santa Clara County Environmental Health |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-25-2007 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Santa Clara County |
| Eval Division: | Santa Clara County Environmental Health |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 10-28-2014 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 10-28-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 10-28-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 38657 |
| Site Name: | ITALIX CO INC |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Site Address: | 2232 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 05-25-2010 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | HWLQG |
| Enf Action Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 38657 |
| Facility Name: | ITALIX CO INC |
| Env Int Type Code: | HWG |
| Program ID: | 10084477 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409958 |
| Longitude: | -121.964111 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Robert L. Armanasco |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Italix Company Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-2487 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | ITALIX CO INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Entity Name: | Gonzalo Medina |
| Entity Title: | Production Supervisor |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 985-1364 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | R&C Brown |
| Entity Title: | Not reported |
| Affiliation Address: | 1955 The Alameda, 2nd Floor |
| Affiliation City: | San Jose |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95126 |
| Affiliation Phone: | (408) 963-6747 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Alyssa DePalma |
| Entity Title: | Office Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 997-1037 |

---

**A22** **CRAFTMASTER MACHINISTS** **CA CERS HAZ WASTE** **S121738581**
**ESE** **2242 CALLE DEL MUNDO** **CA CERS** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.036 mi.**
**191 ft.** **Site 22 of 23 in cluster A**

**Relative:**
**Higher**

**Actual:**
**9 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 108661 |
| CERS ID: | 10129456 |
| CERS Description: | Hazardous Waste Generator |

Violations:

| | |
|---|---|
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-21-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Returned to compliance on 09/10/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

| | |
|---|---|
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Returned to compliance on 03/10/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |
| Citation: | HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2 |
| Violation Description: | Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years. |
| Violation Notes: | Returned to compliance on 03/10/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain and/or maintain an Active EPA ID. |
| Violation Notes: | Returned to compliance on 03/10/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |
| Citation: | 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20 |
| Violation Description: | Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal. |
| Violation Notes: | Returned to compliance on 03/10/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

Violation Source: CERS

Site ID: 108661
Site Name: Craftmaster Machinists
Violation Date: 04-21-2014
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 05/07/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 108661
Site Name: Craftmaster Machinists
Violation Date: 04-21-2014
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers.
Violation Notes: Returned to compliance on 09/10/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2014
Violations Found: Yes

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

| | |
|---|---|
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 108661 |
| Facility Name: | Craftmaster Machinists |
| Env Int Type Code: | HWG |
| Program ID: | 10129456 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409958 |
| Longitude: | -121.964111 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Jason Lee |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | JASON LEE |
| Entity Title: | Not reported |
| Affiliation Address: | 225 N. Cypress Ave, #1 |
| Affiliation City: | San Jose |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95117 |
| Affiliation Phone: | (408) 221-3848 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Byung C. Kim |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Byung C. Kim |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 497-0070 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Craftmaster Machinists |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Byung C. Kim |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 497-0070 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Jason Lee |
| Entity Title: | Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 531-7585 |

CERS TANKS:

| | |
|---|---|
| Site ID: | 108661 |
| CERS ID: | 10129456 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-21-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Returned to compliance on 09/10/2014. |
| Violation Division: | Santa Clara City Fire Department |

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

| | |
|---|---|
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Returned to compliance on 03/10/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |
| Citation: | HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2 |
| Violation Description: | Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years. |
| Violation Notes: | Returned to compliance on 03/10/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain and/or maintain an Active EPA ID. |
| Violation Notes: | Returned to compliance on 03/10/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |
| Citation: | 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20 |

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

Violation Description: Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.
Violation Notes: Returned to compliance on 03/10/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 108661
Site Name: Craftmaster Machinists
Violation Date: 04-21-2014
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 05/07/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 108661
Site Name: Craftmaster Machinists
Violation Date: 04-21-2014
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers.
Violation Notes: Returned to compliance on 09/10/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

| | |
|---|---|
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 04-21-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 108661 |
| Facility Name: | Craftmaster Machinists |
| Env Int Type Code: | HWG |
| Program ID: | 10129456 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409958 |
| Longitude: | -121.964111 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Jason Lee |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | JASON LEE |
| Entity Title: | Not reported |
| Affiliation Address: | 225 N. Cypress Ave, #1 |
| Affiliation City: | San Jose |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95117 |
| Affiliation Phone: | (408) 221-3848 |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Byung C. Kim |
| Entity Title: | Owner |

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

| | |
|---|---|
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Byung C. Kim |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 497-0070 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Craftmaster Machinists |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Byung C. Kim |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 497-0070 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Jason Lee |
| Entity Title: | Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 531-7585 |

**A23 ESE < 1/8 0.036 mi. 191 ft.** | **BEAM ON TECHNOLOGY CORP** | **CA CUPA Listings** | **S121471365**
**2244 CALLE DEL MUNDO** | **N/A**
**SANTA CLARA, CA 95054**

**Site 23 of 23 in cluster A**

**Relative: Higher**
**Actual: 9 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2202 |
| Program Description: | GENERATES < 100 KG/YR |
| Latitude: | 37.409891 |
| Longitude: | -121.965009 |
| Record ID: | PR0330924 |
| Facility ID: | FA0230829 |

---

**B24 South < 1/8 0.053 mi. 281 ft.** | **INTA TECHNOLOGIES CORPORATION** | **PA MANIFEST** | **S116737720**
**2281 CALLE DE LUNA** | **N/A**
**SANTA CLARA, CA 95054**

**Site 1 of 7 in cluster B**

**Relative: Higher**
**Actual: 10 ft.**

Manifest Details:

| | |
|---|---|
| Year: | 2015 |
| Manifest Number: | 008178847FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 02/24/2015 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 1 |
| Waste Number: | D002 |
| Container Number: | 3 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 15 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |

| | |
|---|---|
| Year: | 2014 |
| Manifest Number: | 006736041FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 02/04/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |

**INTA TECHNOLOGIES CORPORATION (Continued)** **S116737720**

| | |
|---|---|
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 2 |
| Waste Number: | D011 |
| Container Number: | 2 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 10 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |
| | |
| Year: | 2014 |
| Manifest Number: | 007672296FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 10/15/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 1 |
| Waste Number: | D011 |
| Container Number: | 1 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 30 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |
| | |
| Year: | 2014 |
| Manifest Number: | 007672296FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 10/15/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |

**INTA TECHNOLOGIES CORPORATION (Continued)** **S116737720**

| | |
|---|---|
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 2 |
| Waste Number: | D002 |
| Container Number: | 2 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 10 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |
| | |
| Year: | 2014 |
| Manifest Number: | 007672296FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 10/15/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 2 |
| Waste Number: | D011 |
| Container Number: | 2 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 10 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |
| | |
| Year: | 2014 |
| Manifest Number: | 006908721FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 06/10/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |

**INTA TECHNOLOGIES CORPORATION (Continued)** **S116737720**

| | |
|---|---|
| Line Number: | 3 |
| Waste Number: | D011 |
| Container Number: | 1 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 28 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |

| | |
|---|---|
| Year: | 2014 |
| Manifest Number: | 006736041FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 02/04/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 1 |
| Waste Number: | D002 |
| Container Number: | 2 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 60 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |

| | |
|---|---|
| Year: | 2014 |
| Manifest Number: | 006908721FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 06/10/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 1 |
| Waste Number: | D002 |
| Container Number: | 1 |

**INTA TECHNOLOGIES CORPORATION (Continued)** **S116737720**

| | |
|---|---|
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 5 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |

| | |
|---|---|
| Year: | 2014 |
| Manifest Number: | 006736041FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 02/04/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 2 |
| Waste Number: | D002 |
| Container Number: | 2 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 10 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |

| | |
|---|---|
| Year: | 2014 |
| Manifest Number: | 006908721FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 06/10/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 1 |
| Waste Number: | D011 |
| Container Number: | 1 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 5 |
| Unit: | Gallons (liquids only) |

**INTA TECHNOLOGIES CORPORATION (Continued)** **S116737720**

Handling Code: Not reported
TSP EPA Id: PAR000521294
Date TSP Sig: Not reported

Click this hyperlink while viewing on your computer to access
8 additional PA_MANIFEST: record(s) in the EDR Site Report.

---

**C25 East < 1/8 0.063 mi. 332 ft.** **BILL DORAN CO.** **CA LUST** **S100466584**
**2200 CALLE DE LUNA** **CA HIST LUST** **N/A**
**SANTA CLARA, CA 95054** **CA HIST CORTESE**

**Site 1 of 5 in cluster C**

**Relative: Lower**
**Actual: 8 ft.**

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 06S1W15F01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 5/2/1988
Pollution Characterization Began: 5/14/1993
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 8/16/1993

HIST LUST SANTA CLARA:
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 06S1W15F01
Oversite Agency: SCVWD
Date Listed: 1989-01-01 00:00:00
Closed Date: 1995-05-01 00:00:00

HIST CORTESE:
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-0180

---

**C26 East < 1/8 0.063 mi. 332 ft.** **BILL DORAN CO.** **CA LUST** **U001601910**
**2200 CALLE DE LUNA** **CA HIST UST** **N/A**
**SANTA CLARA, CA 95054** **CA CERS**

**Site 2 of 5 in cluster C**

**Relative: Lower**
**Actual: 8 ft.**

LUST:
Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500244
Global Id: T0608500244

**BILL DORAN CO. (Continued)** **U001601910**

| | |
|---|---|
| Latitude: | 37.41 |
| Longitude: | -121.963 |
| Status: | Completed - Case Closed |
| Status Date: | 05/01/1995 |
| Case Worker: | UST |
| RB Case Number: | Not reported |
| Local Agency: | SANTA CLARA COUNTY LOP |
| File Location: | All Files are on GeoTracker or in the Local Agency Database |
| Local Case Number: | Not reported |
| Potential Media Affect: | Other Groundwater (uses other than drinking water) |
| Potential Contaminants of Concern: | Gasoline |
| Site History: | Not reported |

LUST:

| | |
|---|---|
| Global Id: | T0608500244 |
| Contact Type: | Regional Board Caseworker |
| Contact Name: | Regional Water Board |
| Organization Name: | SAN FRANCISCO BAY RWQCB (REGION 2) |
| Address: | 1515 CLAY ST SUITE 1400 |
| City: | OAKLAND |
| Email: | Not reported |
| Phone Number: | Not reported |

| | |
|---|---|
| Global Id: | T0608500244 |
| Contact Type: | Local Agency Caseworker |
| Contact Name: | UST CASE WORKER |
| Organization Name: | SANTA CLARA COUNTY LOP |
| Address: | 1555 Berger Drive, Suite 300 |
| City: | SAN JOSE |
| Email: | Not reported |
| Phone Number: | 4089183400 |

LUST:

| | |
|---|---|
| Global Id: | T0608500244 |
| Action Type: | RESPONSE |
| Date: | 01/01/1989 |
| Action: | Other Report / Document |

| | |
|---|---|
| Global Id: | T0608500244 |
| Action Type: | RESPONSE |
| Date: | 01/01/1989 |
| Action: | Other Report / Document |

| | |
|---|---|
| Global Id: | T0608500244 |
| Action Type: | RESPONSE |
| Date: | 01/01/1989 |
| Action: | Other Report / Document |

| | |
|---|---|
| Global Id: | T0608500244 |
| Action Type: | RESPONSE |
| Date: | 01/01/1989 |
| Action: | Other Report / Document |

| | |
|---|---|
| Global Id: | T0608500244 |
| Action Type: | RESPONSE |
| Date: | 01/01/1989 |
| Action: | Other Report / Document |

**BILL DORAN CO. (Continued)** **U001601910**

Global Id: T0608500244
Action Type: ENFORCEMENT
Date: 05/01/1995
Action: Closure/No Further Action Letter

Global Id: T0608500244
Action Type: Other
Date: 05/02/1988
Action: Leak Reported

Global Id: T0608500244
Action Type: ENFORCEMENT
Date: 06/19/1989
Action: Notice of Responsibility - #40392

LUST:
Global Id: T0608500244
Status: Open - Case Begin Date
Status Date: 05/02/1988

Global Id: T0608500244
Status: Open - Site Assessment
Status Date: 05/02/1988

Global Id: T0608500244
Status: Open - Site Assessment
Status Date: 05/14/1993

Global Id: T0608500244
Status: Open - Verification Monitoring
Status Date: 08/16/1993

Global Id: T0608500244
Status: Completed - Case Closed
Status Date: 05/01/1995

LUST SANTA CLARA:
Region: SANTA CLARA
SCVWD ID: 06S1W15F01F
Date Closed: 05/01/1995
EDR Link ID: 06S1W15F01F

HIST UST:
File Number: 0002CEC2
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002CEC2.pdf
Region: STATE
Facility ID: 00000006838
Facility Type: Other
Other Type: WHOLESALE FLORIST
Contact Name: ROBERT ESPINOZA
Telephone: 4089880991
Owner Name: BILL DORAN COMPANY
Owner Address: 619 WEST JEFFERSON STREET
Owner City,St,Zip: ROCKFORD, IL 61103
Total Tanks: 0001

**BILL DORAN CO. (Continued)** **U001601910**

| | |
|---|---|
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | 1978 |
| Tank Capacity: | 00002000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | REGULAR |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Visual |

Click here for Geo Tracker PDF:

CERS TANKS:

| | |
|---|---|
| Site ID: | 194943 |
| CERS ID: | T0608500244 |
| CERS Description: | Leaking Underground Storage Tank Cleanup Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Local Agency Caseworker |
| Entity Name: | UST CASE WORKER - SANTA CLARA COUNTY LOP |
| Entity Title: | Not reported |
| Affiliation Address: | 1555 Berger Drive, Suite 300 |
| Affiliation City: | SAN JOSE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | 4089183400 |

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2) |
| Entity Title: | Not reported |
| Affiliation Address: | 1515 CLAY ST SUITE 1400 |
| Affiliation City: | OAKLAND |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

---

**D27** **LP GLASSBLOWING, INC.** **CA CERS HAZ WASTE** **S121742753**
**SW** **2330 CALLE DEL MUNDO** **CA CERS** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.073 mi.**
**383 ft.** **Site 1 of 7 in cluster D**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 131642 |
| CERS ID: | 10087306 |
| CERS Description: | Hazardous Waste Generator |

Violations:

| | |
|---|---|
| Site ID: | 131642 |
| Site Name: | LP Glassblowing, Inc. |
| Violation Date: | 02-27-2014 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous |

**LP GLASSBLOWING, INC. (Continued)** **S121742753**

| | |
|---|---|
| | Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 03/06/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 131642 |
| Site Name: | LP Glassblowing, Inc. |
| Violation Date: | 02-28-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Not reported |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 131642 |
| Site Name: | LP Glassblowing, Inc. |
| Violation Date: | 02-27-2014 |
| Citation: | 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5 |
| Violation Description: | Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1. |
| Violation Notes: | Returned to compliance on 03/06/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-27-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-27-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-28-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |

**LP GLASSBLOWING, INC. (Continued)** **S121742753**

| | |
|---|---|
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 131642 |
| Facility Name: | LP Glassblowing, Inc. |
| Env Int Type Code: | HWG |
| Program ID: | 10087306 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409241 |
| Longitude: | -121.966316 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Ray Cano |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Ray Cano |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-8982 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

**LP GLASSBLOWING, INC. (Continued)** **S121742753**

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Ray Cano |
| Entity Title: | Maint Super |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Leopold Pivk |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-7561 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | L.P. Glassblowing Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-7561 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | L.P. Glassblowing, Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Branko Micek |
| Entity Title: | Prod. Mgr. |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 270-9961 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Leopold Pivk |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |

**LP GLASSBLOWING, INC. (Continued)** **S121742753**

Affiliation Zip: 95054
Affiliation Phone: (408) 988-7561

CERS TANKS:
Site ID: 131642
CERS ID: 10087306
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 131642
Site Name: LP Glassblowing, Inc.
Violation Date: 02-27-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 131642
Site Name: LP Glassblowing, Inc.
Violation Date: 02-28-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Not reported
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 131642
Site Name: LP Glassblowing, Inc.
Violation Date: 02-27-2014
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 03/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2014
Violations Found: Yes
Eval Type: Routine done by local agency

**LP GLASSBLOWING, INC. (Continued)** **S121742753**

| | |
|---|---|
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-27-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-28-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 131642 |
| Facility Name: | LP Glassblowing, Inc. |
| Env Int Type Code: | HWG |
| Program ID: | 10087306 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409241 |
| Longitude: | -121.966316 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Ray Cano |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Ray Cano |

**LP GLASSBLOWING, INC. (Continued)** **S121742753**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-8982 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Ray Cano |
| Entity Title: | Maint Super |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Leopold Pivk |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-7561 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | L.P. Glassblowing Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-7561 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | L.P. Glassblowing, Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**LP GLASSBLOWING, INC. (Continued)** **S121742753**

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Branko Micek |
| Entity Title: | Prod. Mgr. |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 270-9961 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Leopold Pivk |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-7561 |

---

**B28** **ABACUS MACHINING & MECHANICAL ASSY INC** **RCRA-SQG** **1000182255**
**SSE** **2271 CALLE DE LUNA** **FINDS** **CAD981676471**
**< 1/8** **SANTA CLARA, CA 95054** **ECHO**
**0.079 mi.**
**418 ft.** **Site 2 of 7 in cluster B**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 10/06/1986 |
| Facility name: | ABACUS MACHINING & MECHANICAL ASSY INC |
| Facility address: | 2271 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD981676471 |
| Mailing address: | CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2271 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-988-1355 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |

**ABACUS MACHINING & MECHANICAL ASSY INC (Continued)** **1000182255**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: STANLEY W WRIGHT
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002747163

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110055681329

Environmental Interest/Information System
STATE MASTER

**ABACUS MACHINING & MECHANICAL ASSY INC (Continued)** **1000182255**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000182255 |
| Registry ID: | 110002747163 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002747163 |

---

**E29** **SHIBAURA TECHNOLOGY INTL CO** **CA CUPA Listings** **S121471302**
**SE** **2221 CALLE DE LUNA** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.082 mi.**
**433 ft.** **Site 1 of 7 in cluster E**

**Relative:**
**Higher**
**Actual:**
**9 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2205 |
| Program Description: | GENERATES 100 KG YR TO <5 TONS/YR |
| Latitude: | 37.40966 |
| Longitude: | -121.963599 |
| Record ID: | PR0330630 |
| Facility ID: | FA0230580 |

---

**E30** **SHIBAURA TECH INT** **RCRA-SQG** **1001126664**
**SE** **2221 CALLE DE LUNA** **FINDS** **CAR000017319**
**< 1/8** **SANTA CLARA, CA 95054** **ECHO**
**0.082 mi.**
**433 ft.** **Site 2 of 7 in cluster E**

**Relative:**
**Higher**
**Actual:**
**9 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 01/14/1997 |
| Facility name: | SHIBAURA TECH INT |
| Facility address: | 2221 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAR000017319 |
| Mailing address: | CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact: | OSAMU WATANABE |
| Contact address: | 2221 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-727-0768 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | SHIBAURA TECH INT |
| Owner/operator address: | 2221 CALLE DE LUNA |

**SHIBAURA TECH INT (Continued)** **1001126664**

SANTA CLARA, CA 95054
Owner/operator country: Not reported
Owner/operator telephone: 408-727-0768
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002915659

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001126664
Registry ID: 110002915659
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002915659

**C31 ESE < 1/8 0.083 mi. 436 ft.** | **AIR FLIGHT SERVICE**
**2220 CALLE DE LUNA**
**SANTA CLARA, CA 95054** | **CA CUPA Listings**
**CA CERS HAZ WASTE**
**CA CERS** | **S121470386**
**N/A**

**Site 3 of 5 in cluster C**

**Relative: Lower**

**Actual: 8 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2253 |
| Program Description: | OBSOLETE SELF-AUDIT GEN <5 TONS/YR |
| Latitude: | 37.409761 |
| Longitude: | -121.963285 |
| Record ID: | PR0314365 |
| Facility ID: | FA0211732 |

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 384352 |
| CERS ID: | 10086754 |
| CERS Description: | Hazardous Waste Generator |

Violations:

| | |
|---|---|
| Site ID: | 384352 |
| Site Name: | AIR FLIGHT SERVICE |
| Violation Date: | 06-05-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Returned to compliance on 06/25/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-03-2014 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-05-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 384352 |
| Facility Name: | AIR FLIGHT SERVICE |
| Env Int Type Code: | HMBP |
| Program ID: | 10086754 |

**AIR FLIGHT SERVICE (Continued)** **S121470386**

Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.410019
Longitude: -121.962608

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title: Not reported
Affiliation Address: 1675 Lincoln Street
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95050
Affiliation Phone: (408) 615-4970

Affiliation Type Desc: Document Preparer
Entity Name: Jack Barcelona
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Randy Schielke
Entity Title: Not reported
Affiliation Address: 2220 Calle De Luna
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95054
Affiliation Phone: (408) 640-8029

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2220 Calle De Luna
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95054
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Jack Barcelona
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner

**AIR FLIGHT SERVICE (Continued)** **S121470386**

| | |
|---|---|
| Entity Name: | Jack Barcelona |
| Entity Title: | Not reported |
| Affiliation Address: | 2220 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 640-9321 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Randy Schielke |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 640-8029 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | AIR FLIGHT SERVICE |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Jack Barcelona |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 640-9321 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | JARUCA |
| Entity Title: | Not reported |
| Affiliation Address: | 2220 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-0107 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Chris Barcelona |
| Entity Title: | Project Coordinator |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |

**AIR FLIGHT SERVICE (Continued)** **S121470386**

Affiliation Phone: (408) 250-2479

CERS TANKS:
Site ID: 384352
CERS ID: 10086754
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 384352
Site Name: AIR FLIGHT SERVICE
Violation Date: 06-05-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 06/25/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-03-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-05-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 384352
Facility Name: AIR FLIGHT SERVICE
Env Int Type Code: HMBP
Program ID: 10086754
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.410019
Longitude: -121.962608

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title: Not reported
Affiliation Address: 1675 Lincoln Street

**AIR FLIGHT SERVICE (Continued)** **S121470386**

| | |
|---|---|
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Jack Barcelona |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Randy Schielke |
| Entity Title: | Not reported |
| Affiliation Address: | 2220 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 640-8029 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2220 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Jack Barcelona |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Jack Barcelona |
| Entity Title: | Not reported |
| Affiliation Address: | 2220 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 640-9321 |
| | |
| Affiliation Type Desc: | Operator |

**AIR FLIGHT SERVICE (Continued)** **S121470386**

| | |
|---|---|
| Entity Name: | Randy Schielke |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 640-8029 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | AIR FLIGHT SERVICE |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Jack Barcelona |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 640-9321 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | JARUCA |
| Entity Title: | Not reported |
| Affiliation Address: | 2220 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-0107 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Chris Barcelona |
| Entity Title: | Project Coordinator |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 250-2479 |

**C32 ESE < 1/8 0.083 mi. 436 ft.** | **SOUTH BAY TRUCK & EQUIPMENT**
**2222 CALLE DE LUNA**
**SANTA CLARA, CA 95054** | **RCRA-SQG FINDS ECHO** | **1000405012 CAD982475261**

**Site 4 of 5 in cluster C**

**Relative: Lower**

**Actual: 8 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 06/16/1988 |
| Facility name: | SOUTH BAY TRUCK & EQUIPMENT |
| Facility address: | 2222 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD982475261 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2222 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-727-7453 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | DICK MAYO |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |

**SOUTH BAY TRUCK & EQUIPMENT (Continued)** **1000405012**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002822474

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000405012
Registry ID: 110002822474
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002822474

---

**B33** **INTA TECHNOLOGIES** **RCRA-LQG** **1019322385**
**South** **2281 CALLE DE LUNA** **CAL000208958**
**< 1/8** **SANTA CLARA, CA 95054**
**0.083 mi.**
**438 ft.** **Site 3 of 7 in cluster B**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

RCRA-LQG:
Date form received by agency: 02/04/2016
Facility name: INTA TECHNOLOGIES
Facility address: 2281 CALLE DE LUNA
SANTA CLARA, CA 95054
EPA ID: CAL000208958
Mailing address: CALLE DE LUNA
SANTA CLARA, CA 95054
Contact: ELSA MENDOZA
Contact address: CALLE DE LUNA
SANTA CLARA, CA 95054
Contact country: US
Contact telephone: 408-748-9955
Contact email: ELSA@INTATECH.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any

**INTA TECHNOLOGIES (Continued)** **1019322385**

calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | MINA DOSHI |
| Owner/operator address: | Not reported |
| | Not reported |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 01/01/1999 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | MINA DOSHI |
| Owner/operator address: | CALLE DE LUNA |
| | SANTA CLARA, CA 95054 |
| Owner/operator country: | US |
| Owner/operator telephone: | 408-748-9955 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 01/01/1999 |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

**INTA TECHNOLOGIES (Continued)** **1019322385**

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 131
. Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A

**INTA TECHNOLOGIES (Continued)** **1019322385**

CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 12181

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 2495.4

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 8578

Waste code: D011
Waste name: SILVER
Amount (Lbs): 1075.9

Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Amount (Lbs): 2477.1

Waste code: F007
Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS
Amount (Lbs): 1511.3

Waste code: F009
Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
Amount (Lbs): 458.7

Violation Status: No violations found

---

**B34** **INTERNATIONAL TECHNICAL ASSOCI** **CA CUPA Listings** **S121470397**
**South** **2281 CALLE DE LUNA** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.083 mi.**
**438 ft.** **Site 4 of 7 in cluster B**

**Relative:**
**Higher**
**Actual:**
**11 ft.**

CUPA SANTA CLARA:
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Latitude: 37.408799
Longitude: -121.965137
Record ID: PR0315027
Facility ID: FA0211759

**B35 South < 1/8 0.083 mi. 438 ft.** | **INTA TECHNOLOGIES**
**2281 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**Site 5 of 7 in cluster B**

**CA CERS HAZ WASTE** | **S121770545**
**CA CERS** | **N/A**

**Relative: Higher**

**Actual: 11 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 38244 |
| CERS ID: | 10084465 |
| CERS Description: | Hazardous Waste Generator |

Violations:

| | |
|---|---|
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 12/22/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | 40 CFR 1 262.34(d)(5)(i) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(i) |
| Violation Description: | Failure to have an emergency coordinator or a designee onsite during operating hours. |
| Violation Notes: | Returned to compliance on 12/22/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 12/22/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 12-02-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |

**INTA TECHNOLOGIES (Continued)** **S121770545**

| | |
|---|---|
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 12-02-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 38244 |
| Facility Name: | INTA TECHNOLOGIES |
| Env Int Type Code: | HWG |
| Program ID: | 10084465 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409012 |
| Longitude: | -121.965256 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | E. Mendoza |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Elsa Mendoza |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 748-9955 |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |

**INTA TECHNOLOGIES (Continued)** **S121770545**

| | |
|---|---|
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | E. Mendoza |
| Entity Title: | Chemist |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | M. Doshi ( President) |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 748-9955 |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | M. Doshi ( President ) |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 748-9955 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | INTA TECHNOLOGIES |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Lou Rizzo |
| Entity Title: | Facilities Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 373-5089 |
| | |
| Affiliation Type Desc: | Secondary Emergency Contact |

**INTA TECHNOLOGIES (Continued)** **S121770545**

| | |
|---|---|
| Entity Name: | Nick Doshi |
| Entity Title: | Production Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 655-7456 |

| | |
|---|---|
| Site ID: | 38244 |
| CERS ID: | 10084465 |
| CERS Description: | RCRA LQ HW Generator |

Violations:

| | |
|---|---|
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 12/22/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | 40 CFR 1 262.34(d)(5)(i) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(i) |
| Violation Description: | Failure to have an emergency coordinator or a designee onsite during operating hours. |
| Violation Notes: | Returned to compliance on 12/22/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 12/22/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 12-02-2014 |

**INTA TECHNOLOGIES (Continued)** **S121770545**

| | |
|---|---|
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 12-02-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 38244 |
| Facility Name: | INTA TECHNOLOGIES |
| Env Int Type Code: | HWG |
| Program ID: | 10084465 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409012 |
| Longitude: | -121.965256 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | E. Mendoza |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Elsa Mendoza |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 748-9955 |

**INTA TECHNOLOGIES (Continued)** **S121770545**

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | E. Mendoza |
| Entity Title: | Chemist |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | M. Doshi ( President) |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 748-9955 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | M. Doshi ( President ) |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 748-9955 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | INTA TECHNOLOGIES |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Lou Rizzo |
| Entity Title: | Facilities Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |

**INTA TECHNOLOGIES (Continued)** **S121770545**

| | |
|---|---|
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 373-5089 |
| | |
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Nick Doshi |
| Entity Title: | Production Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 655-7456 |

CERS TANKS:

| | |
|---|---|
| Site ID: | 38244 |
| CERS ID: | 10084465 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 12/22/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | 40 CFR 1 262.34(d)(5)(i) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(i) |
| Violation Description: | Failure to have an emergency coordinator or a designee onsite during operating hours. |
| Violation Notes: | Returned to compliance on 12/22/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 12/22/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |

**INTA TECHNOLOGIES (Continued)** **S121770545**

Violation Source: CERS

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 12-02-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 12-02-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 38244 |
| Facility Name: | INTA TECHNOLOGIES |
| Env Int Type Code: | HWG |
| Program ID: | 10084465 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409012 |
| Longitude: | -121.965256 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | E. Mendoza |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Elsa Mendoza |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |

**INTA TECHNOLOGIES (Continued)** **S121770545**

| | |
|---|---|
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 748-9955 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | E. Mendoza |
| Entity Title: | Chemist |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | M. Doshi ( President) |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 748-9955 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | M. Doshi ( President ) |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 748-9955 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | INTA TECHNOLOGIES |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |

**INTA TECHNOLOGIES (Continued)** **S121770545**

| | |
|---|---|
| Entity Name: | Lou Rizzo |
| Entity Title: | Facilities Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 373-5089 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Nick Doshi |
| Entity Title: | Production Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 655-7456 |

---

**B36** **D&H MANUFACTURING CO** **CA Cortese** **S113013673**
**SSW** **2301 2309 CALLE DE LUNA** **CA HAZNET** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.085 mi.**
**448 ft.** **Site 6 of 7 in cluster B**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

CORTESE:

| | |
|---|---|
| Region: | CORTESE |
| Envirostor Id: | Not reported |
| Site/Facility Type: | Not reported |
| Cleanup Status: | Not reported |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Owner: | Not reported |
| Enf Type: | Not reported |
| Swat R: | Not reported |
| Flag: | CORTESE |
| Order No: | Not reported |
| Waste Discharge System No: | Not reported |
| Effective Date: | Not reported |
| Region 2: | 2 |
| WID Id: | 2 43S0968 |
| Solid Waste Id No: | Not reported |
| Waste Management Uit Name: | Not reported |
| File Name: | Cease Desist Orders & Cleanup Abatement Orders |

HAZNET:

| | |
|---|---|
| envid: | S113013673 |
| Year: | 2005 |
| GEPAID: | CAD982051039 |
| Contact: | -- |
| Telephone: | 5107705100 |
| Mailing Name: | Not reported |
| Mailing Address: | 49235 MIMONT DR |
| Mailing City,St,Zip: | FRESNO, CA 945380000 |

**D&H MANUFACTURING CO (Continued)** **S113013673**

| | |
|---|---|
| Gen County: | Not reported |
| TSD EPA ID: | CAT000646117 |
| TSD County: | Not reported |
| Waste Category: | Other inorganic solid waste |
| Disposal Method: | Transfer Station |
| Tons: | 1.37 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113013673 |
| Year: | 1999 |
| GEPAID: | CAD982051039 |
| Contact: | Not reported |
| Telephone: | 0000000000 |
| Mailing Name: | Not reported |
| Mailing Address: | 2301 2309 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAL000161743 |
| TSD County: | Not reported |
| Waste Category: | Unspecified oil-containing waste |
| Disposal Method: | Transfer Station |
| Tons: | 1.3761 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113013673 |
| Year: | 1994 |
| GEPAID: | CAD982051039 |
| Contact: | Not reported |
| Telephone: | 0000000000 |
| Mailing Name: | Not reported |
| Mailing Address: | 2301 2309 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAT080031628 |
| TSD County: | Not reported |
| Waste Category: | Not reported |
| Disposal Method: | Recycler |
| Tons: | .0000 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113013673 |
| Year: | 1994 |
| GEPAID: | CAD982051039 |
| Contact: | Not reported |
| Telephone: | 0000000000 |
| Mailing Name: | Not reported |
| Mailing Address: | 2301 2309 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CA0800316281 |
| TSD County: | Not reported |

**D&H MANUFACTURING CO (Continued)** **S113013673**

| | |
|---|---|
| Waste Category: | Waste oil and mixed oil |
| Disposal Method: | Not reported |
| Tons: | 2.1892 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113013673 |
| Year: | 1994 |
| GEPAID: | CAD982051039 |
| Contact: | Not reported |
| Telephone: | 0000000000 |
| Mailing Name: | Not reported |
| Mailing Address: | 2301 2309 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAT080031628 |
| TSD County: | Not reported |
| Waste Category: | Waste oil and mixed oil |
| Disposal Method: | Recycler |
| Tons: | 5.5669 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

Click this hyperlink while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

---

**D37** **W&K AUTOMOTIVE** **CA CUPA Listings** **S121470405**
**SW** **2338 CALLE DEL MUNDO** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.094 mi.**
**496 ft.** **Site 2 of 7 in cluster D**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2201 |
| Program Description: | GENERATES WASTE OIL ONLY |
| Latitude: | 37.409363 |
| Longitude: | -121.966592 |
| Record ID: | PR0315061 |
| Facility ID: | FA0211786 |

---

**D38** **CDM INVESTORS** **CA CPS-SLIC** **S113098632**
**WSW** **2339 CALLE DEL MUNDO** **CA HAZNET** **N/A**
**< 1/8** **SANTA CLARA, CA 95054** **CA CERS**
**0.095 mi.**
**501 ft.** **Site 3 of 7 in cluster D**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

CPS-SLIC:

| | |
|---|---|
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 06/13/2016 |
| Global Id: | T10000008100 |
| Lead Agency: | SAN FRANCISCO BAY RWQCB (REGION 2) |
| Lead Agency Case Number: | Not reported |

**CDM INVESTORS (Continued)** **S113098632**

| | |
|---|---|
| Latitude: | 37.40981 |
| Longitude: | -121.96669 |
| Case Type: | Cleanup Program Site |
| Case Worker: | Not reported |
| Local Agency: | Not reported |
| RB Case Number: | 43S0787 |
| File Location: | All Files are on GeoTracker or in the Local Agency Database |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Tetrachloroethylene (PCE), Trichloroethylene (TCE) |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

HAZNET:

| | |
|---|---|
| envid: | S113098632 |
| Year: | 2007 |
| GEPAID: | CAL000188404 |
| Contact: | BOB HAZLE\\\\ GEN MGR |
| Telephone: | 4086549300 |
| Mailing Name: | Not reported |
| Mailing Address: | 2339 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAL000161743 |
| TSD County: | Not reported |
| Waste Category: | Unspecified oil-containing waste |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 2.81 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113098632 |
| Year: | 2007 |
| GEPAID: | CAL000188404 |
| Contact: | BOB HAZLE\\\\ GEN MGR |
| Telephone: | 4086549300 |
| Mailing Name: | Not reported |
| Mailing Address: | 2339 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAL000161743 |
| TSD County: | Not reported |
| Waste Category: | Unspecified oil-containing waste |
| Disposal Method: | Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 0.45 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113098632 |
| Year: | 2006 |
| GEPAID: | CAL000188404 |
| Contact: | BOB HAZLE\\ GEN MGR |
| Telephone: | 4086549300 |

**CDM INVESTORS (Continued)** **S113098632**

Mailing Name: Not reported
Mailing Address: 2339 CALLE DEL MUNDO
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: 0.45
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: S113098632
Year: 2006
GEPAID: CAL000188404
Contact: BOB HAZLE\\ GEN MGR
Telephone: 4086549300
Mailing Name: Not reported
Mailing Address: 2339 CALLE DEL MUNDO
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.45
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: S113098632
Year: 2006
GEPAID: CAL000188404
Contact: BOB HAZLE\\ GEN MGR
Telephone: 4086549300
Mailing Name: Not reported
Mailing Address: 2339 CALLE DEL MUNDO
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.56
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
30 additional CA_HAZNET: record(s) in the EDR Site Report.

CERS TANKS:
Site ID: 361695
CERS ID: T10000008100
CERS Description: Cleanup Program Site

**D39 WSW < 1/8 0.095 mi. 501 ft.** | **WATTS MACHINING INC.**
**2339 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054** | **CA CERS HAZ WASTE** | **S121792906**
**CA CERS** | **N/A**

**Site 4 of 7 in cluster D**

**Relative: Higher**

**Actual: 11 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 84874 |
| CERS ID: | 10087690 |
| CERS Description: | Hazardous Waste Generator |

Violations:

| | |
|---|---|
| Site ID: | 84874 |
| Site Name: | Watts Machining Inc. |
| Violation Date: | 05-29-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Returned to compliance on 07/28/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-29-2014 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-29-2014 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-29-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 84874 |
| Facility Name: | Watts Machining Inc. |
| Env Int Type Code: | HWG |
| Program ID: | 10087690 |
| Coord Name: | Not reported |

**WATTS MACHINING INC. (Continued)** **S121792906**

| | |
|---|---|
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409492 |
| Longitude: | -121.966790 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Bob Hazle |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Bob Hazle |
| Entity Title: | Not reported |
| Affiliation Address: | 2339 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 654-9300 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2339 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Bob Hazle |
| Entity Title: | General Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Doug Watts |

**WATTS MACHINING INC. (Continued)** **S121792906**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | 2339 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 654-9300 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Doug Watts |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 654-9300 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Watts Machining Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Bob Hazle |
| Entity Title: | General Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 898-0183 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Doug Watts |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 741-4914 |

CERS TANKS:

| | |
|---|---|
| Site ID: | 84874 |
| CERS ID: | 10087690 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 84874 |
| Site Name: | Watts Machining Inc. |

**WATTS MACHINING INC. (Continued)** **S121792906**

Violation Date: 05-29-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 07/28/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-29-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-29-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-29-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 84874
Facility Name: Watts Machining Inc.
Env Int Type Code: HWG
Program ID: 10087690
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.409492
Longitude: -121.966790

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title: Not reported
Affiliation Address: 1675 Lincoln Street
Affiliation City: Santa Clara
Affiliation State: CA

**WATTS MACHINING INC. (Continued)** **S121792906**

| | |
|---|---|
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Bob Hazle |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Bob Hazle |
| Entity Title: | Not reported |
| Affiliation Address: | 2339 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 654-9300 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2339 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Bob Hazle |
| Entity Title: | General Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Doug Watts |
| Entity Title: | Not reported |
| Affiliation Address: | 2339 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 654-9300 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Doug Watts |
| Entity Title: | Not reported |

**WATTS MACHINING INC. (Continued)** **S121792906**

| | |
|---|---|
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 654-9300 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Watts Machining Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Bob Hazle |
| Entity Title: | General Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 898-0183 |
| | |
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Doug Watts |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 741-4914 |

---

**D40** **CIRTEX INC** **CA HIST UST** **U001601757**
**SSW** **2309 CALLE DE LUNA** **N/A**
**< 1/8** **SANTA CLARA, CA 95050**
**0.097 mi.**
**514 ft.** **Site 5 of 7 in cluster D**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

HIST UST:

| | |
|---|---|
| File Number: | 0002D0CC |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D0CC.pdf |
| Region: | STATE |
| Facility ID: | 00000053168 |
| Facility Type: | Other |
| Other Type: | PRINTED CIRCUIT BOAR |
| Contact Name: | HERSCHEL PETTY |
| Telephone: | 4087271661 |
| Owner Name: | CIRTEX, INC. |
| Owner Address: | 2309 CALLE DE LUNA |
| Owner City,St,Zip: | SANTA CLARA, CA 95050 |
| Total Tanks: | 0001 |

**CIRTEX INC (Continued)** **U001601757**

| | |
|---|---|
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | 1984 |
| Tank Capacity: | 00000200 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | 0.5 |
| Leak Detection: | Visual |

Click here for Geo Tracker PDF:

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**B41** **RICHARD AND DONNA WILLS REVOCABLE TRUST** **RCRA-SQG** **1006805683**
**South** **2301 CALLE DE LUNA** **CA CPS-SLIC** **CAR000131052**
**< 1/8** **SANTA CLARA, CA 95054** **CA DEED**
**0.098 mi.** **FINDS**
**519 ft.** **Site 7 of 7 in cluster B** **ECHO**
**CA ENF**
**Relative:** **CA HAZNET**
**Higher** **CA CERS**
**Actual:**
**11 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 07/05/2006 |
| Facility name: | RICHARD AND DONNA WILLS REVOCABLE TRUST |
| Facility address: | 2301 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAR000131052 |
| Mailing address: | 12091 PARKER RANCH ROAD<br>SARATOGA, CA 95070 |
| Contact: | DUSTYNE J SUTHERLAND |
| Contact address: | 12091 PARKER RANCH ROAD<br>SARATOGA, CA 95070 |
| Contact country: | US |
| Contact telephone: | 415-394-8713 |
| Telephone ext.: | 283 |
| Contact email: | DJSUTHERLAND@TREADWELLRALO.COM |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | RICHARD AND DONNA WILLS REVOCABLE TRUST |
| Owner/operator address: | 12091 PARKER RANCH RD<br>SARATOGA, CA 95070 |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 01/01/1976 |
| Owner/Op end date: | Not reported |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

Owner/operator name: RICHARD AND DONNA WILLS REVOCABLE TRUST
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1976
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 01/14/2003
Site name: D&H MANUFACTURING COMPANY
Classification: Large Quantity Generator

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

CPS-SLIC:

| | |
|---|---|
| Region: | STATE |
| **Facility Status:** | **Open - Site Assessment** |
| Status Date: | 01/09/2018 |
| Global Id: | SL0608590095 |
| Lead Agency: | SAN FRANCISCO BAY RWQCB (REGION 2) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 37.4086020098951 |
| Longitude: | -121.965644359589 |
| Case Type: | Cleanup Program Site |
| Case Worker: | MBR |
| Local Agency: | Not reported |
| RB Case Number: | 43S0968 |
| File Location: | Regional Board |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | 1,1,1-Trichloroethane (TCA), Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE) |
| Site History: | D&H Manufacturing (D&H) previously owned the Site and produced precision metal-parts for the semiconductor industry at the facility since approximately 1984. D&H recently sold the Site to the Richard and Donna Wills Revocable Trust U/A January 14, 2002. The existing building is a single story structure with a former metal shavings storage area at the rear of the building. D&H ceased operations in this facility in March 2005 and moved their equipment from the Site. The building is currently occupied by a kennel company. In 2001, D&H discovered evidence of solvent contamination in soil and groundwater a near sump located within the former metal shavings storage enclosure. The sump was reportedly installed in 1987 to contain fluids draining from metal shavings storage bins. Under Water Board oversight, D & H conducted several investigations between 2002 and 2003 to determine the extent of contamination in groundwater. The primary chemicals of concern in groundwater include: Tetrachloroethene (PCE) and 1,1,1 trichloroethane (1,1,1-TCA). There are currently ten monitoring wells at the Site and sampling is being conducted quarterly since wells were installed in 2002. To evaluate potential vapor intrusion from dissolved halogenated volatile organic compounds (HVOCs) in groundwater, indoor air sampling was conducted in January and June 2005. The results of the air sampling reports concluded that vapor intrusion of HVOCs from groundwater was not significant. Concentrations of PCE, and 1,1,1-TCA in indoor ambient air did not exceed RWQCB Environmental Screening Levels (ESLs). |

Click here to access the California GeoTracker records for this facility:

SLIC REG 2:

| | |
|---|---|
| Region: | 2 |
| Facility ID: | 43S0968 |
| Facility Status: | Pollution Characterization |
| Date Closed: | Not reported |
| Local Case #: | Not reported |
| How Discovered: | Not reported |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

DEED:
Envirostor ID: SL0608590095
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - SITE ASSESSMENT
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 01/29/2005
File Name: Geotracker Land Use/Deed Restrictions

FINDS:

Registry ID: 110055724266

Environmental Interest/Information System
STATE MASTER

Registry ID: 110014377307

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1006805683
Registry ID: 110014377307
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110014377307

ENF:
Region: 2
Facility Id: 218950

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| Agency Name: | D&H Manufacturing Company |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Industrial |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | Not reported |
| Place Longitude: | Not reported |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | UNREGS |
| Program Category1: | UNREGS |
| Program Category2: | UNREGS |
| # Of Programs: | 1 |
| WDID: | 2 43S0968 |
| Reg Measure Id: | 169999 |
| Reg Measure Type: | Unregulated |
| Region: | 2 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/21/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 248603 |
| Region: | 2 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | 13267 Letter |
| Effective Date: | 09/06/2002 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | Not reported |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Active |
| Title: | Enforcement - 2 43S0968 |
| Description: | Request schedule for implementing RAP |
| Program: | UNREGS |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | $0.00 |
| Initial Assessed Amount: | $0.00 |
| Liability $ Amount: | $0.00 |
| Project $ Amount: | $0.00 |
| Liability $ Paid: | $0.00 |
| Project $ Completed: | $0.00 |
| Total $ Paid/Completed Amount: | $0.00 |

| | |
|---|---|
| Region: | 2 |
| Facility Id: | 218950 |
| Agency Name: | D&H Manufacturing Company |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Industrial |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | Not reported |
| Place Longitude: | Not reported |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | UNREGS |
| Program Category1: | UNREGS |
| Program Category2: | UNREGS |
| # Of Programs: | 1 |
| WDID: | 2 43S0968 |
| Reg Measure Id: | 169999 |
| Reg Measure Type: | Unregulated |
| Region: | 2 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/21/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 245809 |
| Region: | 2 |
| Order / Resolution Number: | R2-2003-0011 |
| Enforcement Action Type: | Clean-up and Abatement Order |
| Effective Date: | 01/22/2003 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | Not reported |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Active |
| Title: | Enforcement - 2 43S0968 |
| Description: | Adoption of Site Cleanup Requirements |
| Program: | UNREGS |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | $0.00 |
| Initial Assessed Amount: | $0.00 |
| Liability $ Amount: | $0.00 |
| Project $ Amount: | $0.00 |
| Liability $ Paid: | $0.00 |
| Project $ Completed: | $0.00 |
| Total $ Paid/Completed Amount: | $0.00 |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| Region: | 2 |
| Facility Id: | 218950 |
| Agency Name: | D&H Manufacturing Company |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Industrial |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | Not reported |
| Place Longitude: | Not reported |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | UNREGS |
| Program Category1: | UNREGS |
| Program Category2: | UNREGS |
| # Of Programs: | 1 |
| WDID: | 2 43S0968 |
| Reg Measure Id: | 169999 |
| Reg Measure Type: | Unregulated |
| Region: | 2 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/21/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 240721 |
| Region: | 2 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | 13267 Letter |
| Effective Date: | 02/08/2002 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | Not reported |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Active |
| Title: | Enforcement - 2 43S0968 |
| Description: | Request to submit report verifying the completion of the Remedial Action Plan. |
| Program: | UNREGS |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | $0.00 |
| Initial Assessed Amount: | $0.00 |
| Liability $ Amount: | $0.00 |
| Project $ Amount: | $0.00 |
| Liability $ Paid: | $0.00 |
| Project $ Completed: | $0.00 |
| Total $ Paid/Completed Amount: | $0.00 |

| | |
|---|---|
| Region: | 2 |
| Facility Id: | 218950 |
| Agency Name: | D&H Manufacturing Company |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Industrial |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | Not reported |
| Place Longitude: | Not reported |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | UNREGS |
| Program Category1: | UNREGS |
| Program Category2: | UNREGS |
| # Of Programs: | 1 |
| WDID: | 2 43S0968 |
| Reg Measure Id: | 169999 |
| Reg Measure Type: | Unregulated |
| Region: | 2 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/21/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 240142 |
| Region: | 2 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | 13267 Letter |
| Effective Date: | 02/08/2002 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | Not reported |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Active |
| Title: | Enforcement - 2 43S0968 |
| Description: | Request for report verifying completion of Remedial Action Plan. |
| Program: | UNREGS |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | $0.00 |
| Initial Assessed Amount: | $0.00 |
| Liability $ Amount: | $0.00 |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| Project $ Amount: | $0.00 |
| Liability $ Paid: | $0.00 |
| Project $ Completed: | $0.00 |
| Total $ Paid/Completed Amount: | $0.00 |

HAZNET:

| | |
|---|---|
| envid: | 1006805683 |
| Year: | 2013 |
| GEPAID: | CAL000365655 |
| Contact: | ERIC BATTLE |
| Telephone: | 4087277300 |
| Mailing Name: | Not reported |
| Mailing Address: | 2301 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541004 |
| Gen County: | Santa Clara |
| TSD EPA ID: | CAD088838222 |
| TSD County: | Santa Cruz |
| Waste Category: | Not reported |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.38 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Not reported |

CERS TANKS:

| | |
|---|---|
| Site ID: | 187888 |
| CERS ID: | SL0608590095 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | MICHAEL ROCHETTE - SAN FRANCISCO BAY RWQCB (REGION 2) |
| Entity Title: | Not reported |
| Affiliation Address: | 1515 CLAY STREET, SUITE 1400 |
| Affiliation City: | OAKLAND |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

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**D42** **ALZETA CORPORATION** **RCRA-SQG** **1000223695**
**WSW** **2343 CALLE DEL MUNDO** **FINDS** **CAD981652936**
**< 1/8** **SANTA CLARA, CA 95054** **ECHO**
**0.101 mi.** **CA EMI**
**535 ft.** **Site 6 of 7 in cluster D** **CA HAZNET**
**CA NPDES**
**Relative:** **CA WDS**
**Higher** **CA CIWQS**
**Actual:** **CA CERS**
**11 ft.** **CA CERS HAZ WASTE**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 09/10/1986 |
| Facility name: | ALZETA CORPORATION |
| Facility address: | 2343 CALLE DEL MUNDO |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| | SANTA CLARA, CA 95054 |
| EPA ID: | CAD981652936 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2343 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-727-8282 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | R.M.K. AND ASSOCIATES |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |

**ALZETA CORPORATION (Continued)** **1000223695**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110070087606

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Registry ID: 110001163981

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

HAZARDOUS AIR POLLUTANT MAJOR

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000223695
Registry ID: 110070087606
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070087606

Envid: 1000223695
Registry ID: 110001163981
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001163981

EMI:
Year: 1987
County Code: 43
Air Basin: SF
Facility ID: 1636

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1990 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1993 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1996 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1997 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1998 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1999 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Year: | 2000 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2003 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2004 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.011 |
| Reactive Organic Gases Tons/Yr: | 0.0092691 |
| Carbon Monoxide Emissions Tons/Yr: | 0.021 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.083 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.002 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.001148 |

| | |
|---|---|
| Year: | 2005 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .01 |
| Reactive Organic Gases Tons/Yr: | .0084219 |
| Carbon Monoxide Emissions Tons/Yr: | .021 |
| NOX - Oxides of Nitrogen Tons/Yr: | .083 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .002 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .001148 |

| | |
|---|---|
| Year: | 2006 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .065 |
| Reactive Organic Gases Tons/Yr: | .0550179 |
| Carbon Monoxide Emissions Tons/Yr: | .021 |
| NOX - Oxides of Nitrogen Tons/Yr: | .083 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .002 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .001148 |

| | |
|---|---|
| Year: | 2007 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .01 |
| Reactive Organic Gases Tons/Yr: | .0084219 |
| Carbon Monoxide Emissions Tons/Yr: | .023 |
| NOX - Oxides of Nitrogen Tons/Yr: | .09 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .004 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .003148 |

| | |
|---|---|
| Year: | 2008 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .009 |
| Reactive Organic Gases Tons/Yr: | .0069419 |
| Carbon Monoxide Emissions Tons/Yr: | .028 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| NOX - Oxides of Nitrogen Tons/Yr: | .11 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .004 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .003148 |

| | |
|---|---|
| Year: | 2009 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.002 |
| Reactive Organic Gases Tons/Yr: | 3.2860000000000002E-4 |
| Carbon Monoxide Emissions Tons/Yr: | 0.023 |
| NOX - Oxides of Nitrogen Tons/Yr: | 9.1999999999999998E-2 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 3.0000000000000001E-3 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 2.5739999999999999E-3 |

| | |
|---|---|
| Year: | 2010 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 3.0000000000000001E-3 |
| Reactive Organic Gases Tons/Yr: | 0.0004929 |
| Carbon Monoxide Emissions Tons/Yr: | 2.5999999999999999E-2 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.104 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 3.7421602787456399E-3 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 3.0000000000000001E-3 |

| | |
|---|---|
| Year: | 2011 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.003 |
| Reactive Organic Gases Tons/Yr: | 0.0004929 |
| Carbon Monoxide Emissions Tons/Yr: | 0.026 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.104 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2012 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.003 |
| Reactive Organic Gases Tons/Yr: | 0.0004929 |
| Carbon Monoxide Emissions Tons/Yr: | 0.026 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.104 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.0037421602787 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.003 |

| | |
|---|---|
| Year: | 2013 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.003 |
| Reactive Organic Gases Tons/Yr: | 0.0004929 |
| Carbon Monoxide Emissions Tons/Yr: | 0.025 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.102 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.003 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.003 |

| | |
|---|---|
| Year: | 2014 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.002960219 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0.024247664 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.096499399 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.000577448 |
| Particulate Matter Tons/Yr: | 0.003048572 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.003048572 |

| | |
|---|---|
| Year: | 2015 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.002712893 |
| Reactive Organic Gases Tons/Yr: | 0.001962484 |
| Carbon Monoxide Emissions Tons/Yr: | 0.023895667 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.095047741 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.000583401 |
| Particulate Matter Tons/Yr: | 0.00308 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.00308 |

HAZNET:

| | |
|---|---|
| envid: | 1000223695 |
| Year: | 2012 |
| GEPAID: | CAD981652936 |
| Contact: | STEPHEN G EGLI |
| Telephone: | 4087278282 |
| Mailing Name: | Not reported |
| Mailing Address: | 2343 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541008 |
| Gen County: | Santa Clara |
| TSD EPA ID: | NVD980895338 |
| TSD County: | 99 |
| Waste Category: | Not reported |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.09591 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000223695 |
| Year: | 2012 |
| GEPAID: | CAD981652936 |
| Contact: | STEPHEN G EGLI |
| Telephone: | 4087278282 |
| Mailing Name: | Not reported |
| Mailing Address: | 2343 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541008 |
| Gen County: | Santa Clara |
| TSD EPA ID: | NVD980895338 |
| TSD County: | 99 |
| Waste Category: | Not reported |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.05 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000223695 |
| Year: | 2009 |
| GEPAID: | CAD981652936 |
| Contact: | STEPHEN G EGLI |
| Telephone: | 4087278282 |
| Mailing Name: | Not reported |
| Mailing Address: | 2343 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541008 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Gen County: | Not reported |
| TSD EPA ID: | CAD980884183 |
| TSD County: | Not reported |
| Waste Category: | Other organic solids |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.0375 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000223695 |
| Year: | 2007 |
| GEPAID: | CAD981652936 |
| Contact: | S G EGLI |
| Telephone: | 4087278282 |
| Mailing Name: | Not reported |
| Mailing Address: | 2343 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541008 |
| Gen County: | Not reported |
| TSD EPA ID: | AZD009015389 |
| TSD County: | Not reported |
| Waste Category: | Not reported |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.4 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000223695 |
| Year: | 2007 |
| GEPAID: | CAD981652936 |
| Contact: | S G EGLI |
| Telephone: | 4087278282 |
| Mailing Name: | Not reported |
| Mailing Address: | 2343 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541008 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Off-specification, aged or surplus organics |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.15 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

NPDES:

| | |
|---|---|
| Npdes Number: | Not reported |
| Facility Status: | Not reported |
| Agency Id: | Not reported |
| Region: | 2 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Regulatory Measure Id: | 184178 |
| Order No: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place Id: | Not reported |
| WDID: | 2 43I014801 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| RECEIVED DATE: | 05/09/2008 |
| PROCESSED DATE: | 12/05/1998 |
| STATUS CODE NAME: | Active |
| STATUS DATE: | 12/05/1998 |
| PLACE SIZE: | 40501 |
| PLACE SIZE UNIT: | SqFt |
| FACILITY CONTACT NAME: | Greg Shouse |
| FACILITY CONTACT TITLE: | Production Manager |
| FACILITY CONTACT PHONE: | 408-727-8282 |
| FACILITY CONTACT PHONE EXT: | Not reported |
| FACILITY CONTACT EMAIL: | gshouse@alzeta.com |
| OPERATOR NAME: | Alzeta Corp |
| OPERATOR ADDRESS: | 2343 Calle Del Mundo |
| OPERATOR CITY: | Santa Clara |
| OPERATOR STATE: | California |
| OPERATOR ZIP: | 95054 |
| OPERATOR CONTACT NAME: | Steve Egli |
| OPERATOR CONTACT TITLE: | C.F.O. |
| OPERATOR CONTACT PHONE: | 408-727-8282 |
| OPERATOR CONTACT PHONE EXT: | Not reported |
| OPERATOR CONTACT EMAIL: | egli@alzeta.com |
| OPERATOR TYPE: | Private Business |
| DEVELOPER NAME: | Not reported |
| DEVELOPER ADDRESS: | Not reported |
| DEVELOPER CITY: | Not reported |
| DEVELOPER STATE: | California |
| DEVELOPER ZIP: | Not reported |
| DEVELOPER CONTACT NAME: | Not reported |
| DEVELOPER CONTACT TITLE: | Not reported |
| CONSTYPE LINEAR UTILITY IND: | Not reported |
| EMERGENCY PHONE NO: | 408-727-8282 |
| EMERGENCY PHONE EXT: | Not reported |
| CONSTYPE ABOVE GROUND IND: | Not reported |
| CONSTYPE BELOW GROUND IND: | Not reported |
| CONSTYPE CABLE LINE IND: | Not reported |
| CONSTYPE COMM LINE IND: | Not reported |
| CONSTYPE COMMERTIAL IND: | Not reported |
| CONSTYPE ELECTRICAL LINE IND: | Not reported |
| CONSTYPE GAS LINE IND: | Not reported |
| CONSTYPE INDUSTRIAL IND: | Not reported |
| CONSTYPE OTHER DESRIPTION: | Not reported |
| CONSTYPE OTHER IND: | Not reported |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| CONSTYPE RECONS IND: | Not reported |
| CONSTYPE RESIDENTIAL IND: | Not reported |
| CONSTYPE TRANSPORT IND: | Not reported |
| CONSTYPE UTILITY DESCRIPTION: | Not reported |
| CONSTYPE UTILITY IND: | Not reported |
| CONSTYPE WATER SEWER IND: | Not reported |
| DIR DISCHARGE USWATER IND: | N |
| RECEIVING WATER NAME: | San Francisco (south) Bay and Guadalupe River |
| CERTIFIER NAME: | Steve Egli |
| CERTIFIER TITLE: | C.F.O. |
| CERTIFICATION DATE: | 01-JUN-15 |
| PRIMARY SIC: | 3433-Heating Equipment, Except Electric and Warm Air Furnaces |
| SECONDARY SIC: | Not reported |
| TERTIARY SIC: | Not reported |
| | |
| Npdes Number: | CAS000001 |
| Facility Status: | Active |
| Agency Id: | 0 |
| Region: | 2 |
| Regulatory Measure Id: | 184178 |
| Order No: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place Id: | Not reported |
| WDID: | 2 43I014801 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 12/05/1998 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Alzeta Corp |
| Discharge Address: | 2343 Calle Del Mundo |
| Discharge City: | Santa Clara |
| Discharge State: | California |
| Discharge Zip: | 95054 |
| RECEIVED DATE: | Not reported |
| PROCESSED DATE: | Not reported |
| STATUS CODE NAME: | Not reported |
| STATUS DATE: | Not reported |
| PLACE SIZE: | Not reported |
| PLACE SIZE UNIT: | Not reported |
| FACILITY CONTACT NAME: | Not reported |
| FACILITY CONTACT TITLE: | Not reported |
| FACILITY CONTACT PHONE: | Not reported |
| FACILITY CONTACT PHONE EXT: | Not reported |
| FACILITY CONTACT EMAIL: | Not reported |
| OPERATOR NAME: | Not reported |
| OPERATOR ADDRESS: | Not reported |
| OPERATOR CITY: | Not reported |
| OPERATOR STATE: | Not reported |
| OPERATOR ZIP: | Not reported |
| OPERATOR CONTACT NAME: | Not reported |
| OPERATOR CONTACT TITLE: | Not reported |
| OPERATOR CONTACT PHONE: | Not reported |
| OPERATOR CONTACT PHONE EXT: | Not reported |
| OPERATOR CONTACT EMAIL: | Not reported |
| OPERATOR TYPE: | Not reported |
| DEVELOPER NAME: | Not reported |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| DEVELOPER ADDRESS: | Not reported |
| DEVELOPER CITY: | Not reported |
| DEVELOPER STATE: | Not reported |
| DEVELOPER ZIP: | Not reported |
| DEVELOPER CONTACT NAME: | Not reported |
| DEVELOPER CONTACT TITLE: | Not reported |
| CONSTYPE LINEAR UTILITY IND: | Not reported |
| EMERGENCY PHONE NO: | Not reported |
| EMERGENCY PHONE EXT: | Not reported |
| CONSTYPE ABOVE GROUND IND: | Not reported |
| CONSTYPE BELOW GROUND IND: | Not reported |
| CONSTYPE CABLE LINE IND: | Not reported |
| CONSTYPE COMM LINE IND: | Not reported |
| CONSTYPE COMMERTIAL IND: | Not reported |
| CONSTYPE ELECTRICAL LINE IND: | Not reported |
| CONSTYPE GAS LINE IND: | Not reported |
| CONSTYPE INDUSTRIAL IND: | Not reported |
| CONSTYPE OTHER DESRIPTION: | Not reported |
| CONSTYPE OTHER IND: | Not reported |
| CONSTYPE RECONS IND: | Not reported |
| CONSTYPE RESIDENTIAL IND: | Not reported |
| CONSTYPE TRANSPORT IND: | Not reported |
| CONSTYPE UTILITY DESCRIPTION: | Not reported |
| CONSTYPE UTILITY IND: | Not reported |
| CONSTYPE WATER SEWER IND: | Not reported |
| DIR DISCHARGE USWATER IND: | Not reported |
| RECEIVING WATER NAME: | Not reported |
| CERTIFIER NAME: | Not reported |
| CERTIFIER TITLE: | Not reported |
| CERTIFICATION DATE: | Not reported |
| PRIMARY SIC: | Not reported |
| SECONDARY SIC: | Not reported |
| TERTIARY SIC: | Not reported |

WDS:

| | |
|---|---|
| Facility ID: | San Francisco Bay 43I014801 |
| Facility Type: | Not reported |
| Facility Status: | Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. |
| NPDES Number: | CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board |
| Subregion: | 2 |
| Facility Telephone: | Not reported |
| Facility Contact: | Not reported |
| Agency Name: | ALZETA CORPORATION |
| Agency Address: | Not reported |
| Agency City,St,Zip: | 0 |
| Agency Contact: | Not reported |
| Agency Telephone: | Not reported |
| Agency Type: | Not reported |
| SIC Code: | 0 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Not reported |
| Primary Waste: | Not reported |
| Waste Type2: | Not reported |
| Waste2: | Not reported |
| Primary Waste Type: | Not reported |

**ALZETA CORPORATION (Continued)** **1000223695**

Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:
Agency: Alzeta Corp
Agency Address: 2343 Calle Del Mundo, Santa Clara, CA 95054
Place/Project Type: Industrial - Heating Equipment, Except Electric and Warm Air Furnaces
SIC/NAICS: 3433
Region: 2
Program: INDSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 2 43I014801
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 12/05/1998
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.4094
Longitude: -121.96702

CERS TANKS:
Site ID: 4866
CERS ID: 10084495
CERS Description: Chemical Storage Facilities

Coordinates:
Site ID: 4866
Facility Name: ALZETA CORPORATION
Env Int Type Code: HWG
Program ID: 10084495
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.409725

**ALZETA CORPORATION (Continued)** **1000223695**

Longitude: -121.967171

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title: Not reported
Affiliation Address: 1675 Lincoln Street
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95050
Affiliation Phone: (408) 615-4970

Affiliation Type Desc: Document Preparer
Entity Name: Steve Egli
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Steve Egli
Entity Title: Not reported
Affiliation Address: 2343 Calle del Mundo
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95054-1028
Affiliation Phone: (408) 727-8283

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2343 Calle del Mundo
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95054-1028
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Steve Egli
Entity Title: CFO
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: John D. Sullivan, President
Entity Title: Not reported
Affiliation Address: 2343 Calle del Mundo

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054-1028 |
| Affiliation Phone: | (408) 727-8283 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Steve Egli or Greg Shouse |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 727-8282 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | ALZETA CORPORATION |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Steve Egli |
| Entity Title: | C.F.O. |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 857-6280 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | RMK & Assoc / Tom Kendall |
| Entity Title: | Not reported |
| Affiliation Address: | 419 Buel Avenue |
| Affiliation City: | Pacifica |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 94044 |
| Affiliation Phone: | (650) 355-7767 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Greg Shouse |
| Entity Title: | Manufacturing Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 781-6333 |

**ALZETA CORPORATION (Continued)** **1000223695**

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 4866 |
| CERS ID: | 10084495 |
| CERS Description: | Hazardous Waste Generator |

Coordinates:

| | |
|---|---|
| Site ID: | 4866 |
| Facility Name: | ALZETA CORPORATION |
| Env Int Type Code: | HWG |
| Program ID: | 10084495 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409725 |
| Longitude: | -121.967171 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Steve Egli |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Steve Egli |
| Entity Title: | Not reported |
| Affiliation Address: | 2343 Calle del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054-1028 |
| Affiliation Phone: | (408) 727-8283 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2343 Calle del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054-1028 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Entity Name: | Steve Egli |
| Entity Title: | CFO |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | John D. Sullivan, President |
| Entity Title: | Not reported |
| Affiliation Address: | 2343 Calle del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054-1028 |
| Affiliation Phone: | (408) 727-8283 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Steve Egli or Greg Shouse |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 727-8282 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | ALZETA CORPORATION |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Steve Egli |
| Entity Title: | C.F.O. |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 857-6280 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | RMK & Assoc / Tom Kendall |
| Entity Title: | Not reported |
| Affiliation Address: | 419 Buel Avenue |
| Affiliation City: | Pacifica |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 94044 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Affiliation Phone: | (650) 355-7767 |
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Greg Shouse |
| Entity Title: | Manufacturing Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 781-6333 |

---

**C43**
**ESE**
**< 1/8**
**0.103 mi.**
**542 ft.**

**TASMAN EAST PARCEL 57**
**2220 & 2222 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**CA CPS-SLIC** **S118504763**
**CA CERS** **N/A**

**Site 5 of 5 in cluster C**

**Relative:**
**Lower**

**Actual:**
**8 ft.**

CPS-SLIC:

| | |
|---|---|
| Region: | STATE |
| **Facility Status:** | **Open - Verification Monitoring** |
| Status Date: | 01/19/2016 |
| Global Id: | T10000008334 |
| Lead Agency: | SANTA CLARA COUNTY LOP |
| Lead Agency Case Number: | 06S1W15L01s |
| Latitude: | 37.40999 |
| Longitude: | -121.96283 |
| Case Type: | Cleanup Program Site |
| Case Worker: | AC |
| Local Agency: | SANTA CLARA COUNTY LOP |
| RB Case Number: | Not reported |
| File Location: | All Files are on GeoTracker or in the Local Agency Database |
| Potential Media Affected: | Soil, Soil Vapor |
| Potential Contaminants of Concern: | Tetrachloroethylene (PCE), Trichloroethylene (TCE), Diesel |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

CERS TANKS:

| | |
|---|---|
| Site ID: | 363255 |
| CERS ID: | T10000008334 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Local Agency Caseworker |
| Entity Name: | AARON COSTA - SANTA CLARA COUNTY LOP |
| Entity Title: | Not reported |
| Affiliation Address: | 1555 Berger Drive, Suite 300 |
| Affiliation City: | SAN JOSE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | 4089181954 |

**E44 SSE < 1/8 0.104 mi. 547 ft.** | **ALTATRON INC**
**2264 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**Site 3 of 7 in cluster E**

**RCRA-SQG**
**FINDS**
**ECHO**
**CA HAZNET**

**1000159684**
**CAD118169325**

**Relative: Higher**

**Actual: 10 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 09/30/1986 |
| Facility name: | ALTATRON INC |
| Facility address: | 2264 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD118169325 |
| Mailing address: | CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2264 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-986-1066 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | JENG JOE |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |

**ALTATRON INC (Continued)** **1000159684**

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002667677

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000159684
Registry ID: 110002667677
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002667677

HAZNET:
envid: 1000159684
Year: 2000
GEPAID: CAD118169325
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 2264 CALLE DE LUNA
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Disposal, Other
Tons: 0.12
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1000159684

**ALTATRON INC (Continued)** **1000159684**

| | |
|---|---|
| Year: | 2000 |
| GEPAID: | CAD118169325 |
| Contact: | -- |
| Telephone: | -- |
| Mailing Name: | Not reported |
| Mailing Address: | 2264 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD059494310 |
| TSD County: | Not reported |
| Waste Category: | Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals)) |
| Disposal Method: | Disposal, Other |
| Tons: | 357.63 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000159684 |
| Year: | 2000 |
| GEPAID: | CAD118169325 |
| Contact: | -- |
| Telephone: | -- |
| Mailing Name: | Not reported |
| Mailing Address: | 2264 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD059494310 |
| TSD County: | Not reported |
| Waste Category: | Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals)) |
| Disposal Method: | Treatment, Tank |
| Tons: | 9.79 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000159684 |
| Year: | 2000 |
| GEPAID: | CAD118169325 |
| Contact: | -- |
| Telephone: | -- |
| Mailing Name: | Not reported |
| Mailing Address: | 2264 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD059494310 |
| TSD County: | Not reported |
| Waste Category: | Unspecified organic liquid mixture |
| Disposal Method: | Disposal, Other |
| Tons: | 1.02 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000159684 |
| Year: | 2000 |

**ALTATRON INC (Continued)** **1000159684**

| | |
|---|---|
| GEPAID: | CAD118169325 |
| Contact: | -- |
| Telephone: | -- |
| Mailing Name: | Not reported |
| Mailing Address: | 2264 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAL000024110 |
| TSD County: | Not reported |
| Waste Category: | Not reported |
| Disposal Method: | Not reported |
| Tons: | 2 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

Click this hyperlink while viewing on your computer to access
19 additional CA_HAZNET: record(s) in the EDR Site Report.

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**E45** **COATEK INC.** **RCRA-LQG** **1010313045**
**SSE** **2272 CALLE DE LUNA** **CAL000034769**
**< 1/8** **SANTA CLARA, CA 95054**
**0.104 mi.**
**547 ft.** **Site 4 of 7 in cluster E**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 03/02/2012 |
| Facility name: | COATEK INC. |
| Facility address: | 2272 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAL000034769 |
| Mailing address: | CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact: | QUANG UONG |
| Contact address: | CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-986-9385 |
| Contact email: | QUANGUONG@COATEK.COM |
| EPA Region: | 09 |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | COATEK INC. |
| Owner/operator address: | CALLE DE LUNA |

**COATEK INC. (Continued)** **1010313045**

| | |
|---|---|
| | SANTA CLARA, CA 95054 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 408-986-9385 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 11/01/1989 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | COATEK INC. |
| Owner/operator address: | CALLE DE LUNA |
| | SANTA CLARA, CA 95054 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 408-986-9385 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 11/01/1989 |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

. Waste code: D008
. Waste name: LEAD

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Historical Generators:

| | |
|---|---|
| Date form received by agency: | 09/13/2010 |
| Site name: | COATEK INC |
| Classification: | Large Quantity Generator |

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 726

**COATEK INC. (Continued)** **1010313045**

. Waste name: Liquids with nickel > 134 mg/l

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/25/2006
Site name: COATEK INC
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Date form received by agency: 02/25/2006
Site name: COATEK INC
Classification: Small Quantity Generator

Violation Status: No violations found

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**E46**
**SSE**
**< 1/8**
**0.104 mi.**
**547 ft.**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

**COATEK INC**
**2272 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**Site 5 of 7 in cluster E**

**CA ENVIROSTOR** **S100624096**
**CA CUPA Listings** **N/A**
**CA EMI**
**CA NPDES**
**CA CIWQS**
**CA CERS**

ENVIROSTOR:
Facility ID: 71003228
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10

**COATEK INC (Continued)** **S100624096**

Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.40859
Longitude: -121.9638
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000034769
Alias Type: EPA Identification Number
Alias Name: 71003228
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CUPA SANTA CLARA:
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Latitude: 37.408795
Longitude: -121.964242
Record ID: PR0313255
Facility ID: FA0211755

EMI:
Year: 1993
County Code: 43
Air Basin: SF
Facility ID: 5323
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1995 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 9 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1996 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 9 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1997 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 9 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1998 |
| County Code: | 43 |
| Air Basin: | SF |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 9 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1999 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 9 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2000 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 9 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2001 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Total Organic Hydrocarbon Gases Tons/Yr: | 8 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2002 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 8 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2003 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2004 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.103 |
| Reactive Organic Gases Tons/Yr: | 0.0668943 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.031 |

**COATEK INC (Continued)** **S100624096**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0.0279

| | |
|---|---|
| Year: | 2005 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545847 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .424 |

Part. Matter 10 Micrometers and Smllr Tons/Yr:.3816

| | |
|---|---|
| Year: | 2006 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545847 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .424 |

Part. Matter 10 Micrometers and Smllr Tons/Yr:.3816

| | |
|---|---|
| Year: | 2007 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545847 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .424 |

Part. Matter 10 Micrometers and Smllr Tons/Yr:.3816

| | |
|---|---|
| Year: | 2008 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545847 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .424 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .3816 |

| | |
|---|---|
| Year: | 2009 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545846999999998 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.42399999999999999 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.38159999999999999 |

| | |
|---|---|
| Year: | 2010 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545846999999998 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.42399999999999999 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.38159999999999999 |

| | |
|---|---|
| Year: | 2011 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Reactive Organic Gases Tons/Yr: | 5.9545847 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2012 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545847 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.33 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.297 |

| | |
|---|---|
| Year: | 2013 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545847 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.424 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.297 |

| | |
|---|---|
| Year: | 2014 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.960450453 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.42448495 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.297139462 |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Year: | 2015 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.960450109 |
| Reactive Organic Gases Tons/Yr: | 6.960450109 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.424485 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.2971395 |

NPDES:

| | |
|---|---|
| Npdes Number: | CAS000001 |
| Facility Status: | Terminated |
| Agency Id: | 0 |
| Region: | 2 |
| Regulatory Measure Id: | 183948 |
| Order No: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place Id: | Not reported |
| WDID: | 2 43I006900 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 05/07/1992 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | 04/11/2016 |
| Discharge Name: | Coatek Inc |
| Discharge Address: | 2272 Calle De Luna |
| Discharge City: | Santa Clara |
| Discharge State: | California |
| Discharge Zip: | 95054 |
| RECEIVED DATE: | Not reported |
| PROCESSED DATE: | Not reported |
| STATUS CODE NAME: | Not reported |
| STATUS DATE: | Not reported |
| PLACE SIZE: | Not reported |
| PLACE SIZE UNIT: | Not reported |
| FACILITY CONTACT NAME: | Not reported |
| FACILITY CONTACT TITLE: | Not reported |
| FACILITY CONTACT PHONE: | Not reported |
| FACILITY CONTACT PHONE EXT: | Not reported |
| FACILITY CONTACT EMAIL: | Not reported |
| OPERATOR NAME: | Not reported |
| OPERATOR ADDRESS: | Not reported |
| OPERATOR CITY: | Not reported |
| OPERATOR STATE: | Not reported |
| OPERATOR ZIP: | Not reported |
| OPERATOR CONTACT NAME: | Not reported |
| OPERATOR CONTACT TITLE: | Not reported |
| OPERATOR CONTACT PHONE: | Not reported |
| OPERATOR CONTACT PHONE EXT: | Not reported |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| OPERATOR CONTACT EMAIL: | Not reported |
| OPERATOR TYPE: | Not reported |
| DEVELOPER NAME: | Not reported |
| DEVELOPER ADDRESS: | Not reported |
| DEVELOPER CITY: | Not reported |
| DEVELOPER STATE: | Not reported |
| DEVELOPER ZIP: | Not reported |
| DEVELOPER CONTACT NAME: | Not reported |
| DEVELOPER CONTACT TITLE: | Not reported |
| CONSTYPE LINEAR UTILITY IND: | Not reported |
| EMERGENCY PHONE NO: | Not reported |
| EMERGENCY PHONE EXT: | Not reported |
| CONSTYPE ABOVE GROUND IND: | Not reported |
| CONSTYPE BELOW GROUND IND: | Not reported |
| CONSTYPE CABLE LINE IND: | Not reported |
| CONSTYPE COMM LINE IND: | Not reported |
| CONSTYPE COMMERTIAL IND: | Not reported |
| CONSTYPE ELECTRICAL LINE IND: | Not reported |
| CONSTYPE GAS LINE IND: | Not reported |
| CONSTYPE INDUSTRIAL IND: | Not reported |
| CONSTYPE OTHER DESRIPTION: | Not reported |
| CONSTYPE OTHER IND: | Not reported |
| CONSTYPE RECONS IND: | Not reported |
| CONSTYPE RESIDENTIAL IND: | Not reported |
| CONSTYPE TRANSPORT IND: | Not reported |
| CONSTYPE UTILITY DESCRIPTION: | Not reported |
| CONSTYPE UTILITY IND: | Not reported |
| CONSTYPE WATER SEWER IND: | Not reported |
| DIR DISCHARGE USWATER IND: | Not reported |
| RECEIVING WATER NAME: | Not reported |
| CERTIFIER NAME: | Not reported |
| CERTIFIER TITLE: | Not reported |
| CERTIFICATION DATE: | Not reported |
| PRIMARY SIC: | Not reported |
| SECONDARY SIC: | Not reported |
| TERTIARY SIC: | Not reported |

| | |
|---|---|
| Npdes Number: | Not reported |
| Facility Status: | Not reported |
| Agency Id: | Not reported |
| Region: | 2 |
| Regulatory Measure Id: | 183948 |
| Order No: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place Id: | Not reported |
| WDID: | 2 43I006900 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | 04/11/2016 |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| RECEIVED DATE: | 05/09/2008 |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| PROCESSED DATE: | 05/07/1992 |
| STATUS CODE NAME: | Terminated |
| STATUS DATE: | 10/12/2016 |
| PLACE SIZE: | 8025 |
| PLACE SIZE UNIT: | SqFt |
| FACILITY CONTACT NAME: | Quang Uong |
| FACILITY CONTACT TITLE: | Not reported |
| FACILITY CONTACT PHONE: | 408-986-9385 |
| FACILITY CONTACT PHONE EXT: | Not reported |
| FACILITY CONTACT EMAIL: | quanguong@coatek.com |
| OPERATOR NAME: | Coatek Inc |
| OPERATOR ADDRESS: | 2272 Calle De Luna |
| OPERATOR CITY: | Santa Clara |
| OPERATOR STATE: | California |
| OPERATOR ZIP: | 95054 |
| OPERATOR CONTACT NAME: | Quang Uong |
| OPERATOR CONTACT TITLE: | president |
| OPERATOR CONTACT PHONE: | 408-986-9385 |
| OPERATOR CONTACT PHONE EXT: | Not reported |
| OPERATOR CONTACT EMAIL: | quanguong@coatek.com |
| OPERATOR TYPE: | Private Business |
| DEVELOPER NAME: | Not reported |
| DEVELOPER ADDRESS: | Not reported |
| DEVELOPER CITY: | Not reported |
| DEVELOPER STATE: | California |
| DEVELOPER ZIP: | Not reported |
| DEVELOPER CONTACT NAME: | Not reported |
| DEVELOPER CONTACT TITLE: | Not reported |
| CONSTYPE LINEAR UTILITY IND: | Not reported |
| EMERGENCY PHONE NO: | 408-986-9385 |
| EMERGENCY PHONE EXT: | Not reported |
| CONSTYPE ABOVE GROUND IND: | Not reported |
| CONSTYPE BELOW GROUND IND: | Not reported |
| CONSTYPE CABLE LINE IND: | Not reported |
| CONSTYPE COMM LINE IND: | Not reported |
| CONSTYPE COMMERTIAL IND: | Not reported |
| CONSTYPE ELECTRICAL LINE IND: | Not reported |
| CONSTYPE GAS LINE IND: | Not reported |
| CONSTYPE INDUSTRIAL IND: | Not reported |
| CONSTYPE OTHER DESRIPTION: | Not reported |
| CONSTYPE OTHER IND: | Not reported |
| CONSTYPE RECONS IND: | Not reported |
| CONSTYPE RESIDENTIAL IND: | Not reported |
| CONSTYPE TRANSPORT IND: | Not reported |
| CONSTYPE UTILITY DESCRIPTION: | Not reported |
| CONSTYPE UTILITY IND: | Not reported |
| CONSTYPE WATER SEWER IND: | Not reported |
| DIR DISCHARGE USWATER IND: | N |
| RECEIVING WATER NAME: | Coyote Creek |
| CERTIFIER NAME: | Quang Uong |
| CERTIFIER TITLE: | GM |
| CERTIFICATION DATE: | 19-MAY-15 |
| PRIMARY SIC: | 3672-Printed Circuit Boards |
| SECONDARY SIC: | Not reported |
| TERTIARY SIC: | Not reported |

**COATEK INC (Continued)** **S100624096**

CIWQS:

| | |
|---|---|
| Agency: | Coatek Inc |
| Agency Address: | 2272 Calle De Luna, Santa Clara, CA 95054 |
| Place/Project Type: | Industrial - Printed Circuit Boards |
| SIC/NAICS: | 3672 |
| Region: | 2 |
| Program: | INDSTW |
| Regulatory Measure Status: | Terminated |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 2 43I006900 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 05/07/1992 |
| Termination Date: | 04/11/2016 |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 37.40894 |
| Longitude: | -121.96426 |

CERS TANKS:

| | |
|---|---|
| Site ID: | 20713 |
| CERS ID: | 95054CTKNC2272C |
| CERS Description: | Toxic Release Inventory |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Company Official |
| Entity Name: | QUANG UONG |
| Entity Title: | PRESIDENT |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Public Contact |
| Entity Name: | QUANG UONG |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | 4089869385 |

| | |
|---|---|
| Affiliation Type Desc: | Technical Contact |
| Entity Name: | QUANG UONG |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |

**COATEK INC (Continued)** **S100624096**

Affiliation Country: Not reported
Affiliation Zip: 95054
Affiliation Phone: 4089869385

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**E47** **COATEK INC** **RCRA-LQG** **1012175519**
**SSE** **2272 CALLE DE LUNA** **CAD000034769**
**< 1/8** **SANTA CLARA, CA 95054**
**0.104 mi.**
**547 ft.** **Site 6 of 7 in cluster E**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

RCRA-LQG:
Date form received by agency: 02/17/2016
Facility name: COATEK INC
Facility address: 2272 CALLE DE LUNA
SANTA CLARA, CA 95054
EPA ID: CAD000034769
Mailing address: CALLE DE LUNA
SANTA CLARA, CA 95054
Contact: QUANG UONG
Contact address: CALLE DE LUNA
SANTA CLARA, CA 95054
Contact country: US
Contact telephone: 408-986-9385
Contact email: QUANGUONG@COATEK.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: COATEK INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1998
Owner/Op end date: Not reported

Owner/operator name: COATEK INC
Owner/operator address: CALLE DE LUNA
SANTA CLARA, CA 95054

**COATEK INC (Continued)** **1012175519**

Owner/operator country: US
Owner/operator telephone: 408-986-9385
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/01/1998
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Historical Generators:
Date form received by agency: 03/01/2014
Site name: COATEK INC
Classification: Large Quantity Generator

**COATEK INC (Continued)** **1012175519**

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 725
. Waste name: Liquids with mercury > 20 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 02/14/2008
Site name: COATEK INC.
Classification: Large Quantity Generator

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 14311.9

**COATEK INC (Continued)** **1012175519**

Waste code: D008
Waste name: LEAD
Amount (Lbs): 2272

Waste code: F008
Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
Amount (Lbs): 14311.9

Violation Status: No violations found

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**D48 SW < 1/8 0.112 mi. 590 ft.** **CIRTEX INC** **RCRA-SQG 1000404146**
**2346 CALLE DEL MUNDO** **FINDS CAD021195466**
**SANTA CLARA, CA 95054** **ECHO**
**CA EMI**

**Site 7 of 7 in cluster D**

**Relative: Higher**
**Actual: 12 ft.**

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: CIRTEX INC
Facility address: 2346 CALLE DEL MUNDO
SANTA CLARA, CA 95054
EPA ID: CAD021195466
Mailing address: CALLE DEL MUNDO
SANTA CLARA, CA 95054
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: GEORGE CLINE HERSHEL PETTY TOM ROGOTZKE
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported

**CIRTEX INC (Continued)** **1000404146**

Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110001150619

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000404146
Registry ID: 110001150619
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001150619

EMI:
Year: 1987
County Code: 43
Air Basin: SF
Facility ID: 2411
Air District Name: BA
SIC Code: 3679

**CIRTEX INC (Continued)** **1000404146**

| | |
|---|---|
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1990 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2411 |
| Air District Name: | BA |
| SIC Code: | 3671 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

---

**F49** **CODY ELECTRONICS INC** **CA CUPA Listings** **S113165221**
**South** **5128 CALLE DEL SOL** **CA HAZNET** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.115 mi.**
**608 ft.** **Site 1 of 3 in cluster F**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2202 |
| Program Description: | GENERATES < 100 KG/YR |
| Latitude: | 37.407888 |
| Longitude: | -121.964471 |
| Record ID: | PR0313720 |
| Facility ID: | FA0212628 |

HAZNET:

| | |
|---|---|
| envid: | S113165221 |
| Year: | 2007 |
| GEPAID: | CAL920714076 |
| Contact: | SCOTT M CODY PRES |
| Telephone: | 4084965700 |
| Mailing Name: | Not reported |
| Mailing Address: | 5128 CALLE DEL SOL |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD044429835 |
| TSD County: | Not reported |
| Waste Category: | Unspecified organic liquid mixture |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery |

**CODY ELECTRONICS INC (Continued)** **S113165221**

| | |
|---|---|
| | (H010-H129) Or (H131-H135) |
| Tons: | 0.18 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113165221 |
| Year: | 2003 |
| GEPAID: | CAL920714076 |
| Contact: | SCOTT M CODY PRES |
| Telephone: | 4084965700 |
| Mailing Name: | Not reported |
| Mailing Address: | 5128 CALLE DEL SOL |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | NJD986610335 |
| TSD County: | Not reported |
| Waste Category: | Other inorganic solid waste |
| Disposal Method: | Recycler |
| Tons: | 0.62 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113165221 |
| Year: | 2002 |
| GEPAID: | CAL920714076 |
| Contact: | SCOTT M CODY PRES |
| Telephone: | 4084965700 |
| Mailing Name: | Not reported |
| Mailing Address: | 5128 CALLE DEL SOL |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | NJD986610335 |
| TSD County: | Not reported |
| Waste Category: | Other inorganic solid waste |
| Disposal Method: | Recycler |
| Tons: | 0.53 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113165221 |
| Year: | 2001 |
| GEPAID: | CAL920714076 |
| Contact: | SCOTT M CODY PRES |
| Telephone: | 4084965700 |
| Mailing Name: | Not reported |
| Mailing Address: | 5128 CALLE DEL SOL |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | NJD986610335 |
| TSD County: | Not reported |
| Waste Category: | Other inorganic solid waste |
| Disposal Method: | Recycler |
| Tons: | 0.86 |
| Cat Decode: | Not reported |

**CODY ELECTRONICS INC (Continued)** **S113165221**

Method Decode: Not reported
Facility County: Santa Clara

envid: S113165221
Year: 2000
GEPAID: CAL920714076
Contact: SCOTT M CODY PRES
Telephone: 4084965700
Mailing Name: Not reported
Mailing Address: 5128 CALLE DEL SOL
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Not reported
TSD EPA ID: NJD986610335
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Recycler
Tons: 0.49
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
5 additional CA_HAZNET: record(s) in the EDR Site Report.

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**F50** **SUN CIRCUITS INC** **RCRA-SQG** **1000857174**
**South** **5124 CALLE DEL SOL** **FINDS** **CA0000068882**
**< 1/8** **SANTA CLARA, CA 95054** **ECHO**
**0.116 mi.** **CA CUPA Listings**
**615 ft.** **Site 2 of 3 in cluster F** **CA HAZNET**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: SUN CIRCUITS INC
Facility address: 5124 CALLE DEL SOL
SANTA CLARA, CA 95054
EPA ID: CA0000068882
Mailing address: CALLE DEL SOL
SANTA CLARA, CA 95054
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MARK N SHEBBY
Owner/operator address: 5124 CALLE DEL SOL
SAN JOSE, CA 95127
Owner/operator country: Not reported

**SUN CIRCUITS INC (Continued)** **1000857174**

Owner/operator telephone: 408-727-7784
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002612263

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000857174
Registry ID: 110002612263
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002612263

CUPA SANTA CLARA:
Region: SANTA CLARA
PE#: 2202
Program Description: GENERATES < 100 KG/YR
Latitude: 37.407849

**SUN CIRCUITS INC (Continued)** **1000857174**

| | |
|---|---|
| Longitude: | -121.964448 |
| Record ID: | PR0316358 |
| Facility ID: | FA0212627 |

HAZNET:

| | |
|---|---|
| envid: | 1000857174 |
| Year: | 1998 |
| GEPAID: | CA0000068882 |
| Contact: | MARK N SHEBBY |
| Telephone: | 4087277784 |
| Mailing Name: | Not reported |
| Mailing Address: | 5191 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541009 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD003963592 |
| TSD County: | Not reported |
| Waste Category: | Photochemicals/photoprocessing waste |
| Disposal Method: | Recycler |
| Tons: | .6255 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000857174 |
| Year: | 1997 |
| GEPAID: | CA0000068882 |
| Contact: | MARK N SHEBBY |
| Telephone: | 4087277784 |
| Mailing Name: | Not reported |
| Mailing Address: | 5191 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541009 |
| Gen County: | Not reported |
| TSD EPA ID: | ORD981766124 |
| TSD County: | Not reported |
| Waste Category: | Photochemicals/photoprocessing waste |
| Disposal Method: | Recycler |
| Tons: | .0035 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000857174 |
| Year: | 1996 |
| GEPAID: | CA0000068882 |
| Contact: | MARK N SHEBBY |
| Telephone: | 4087277784 |
| Mailing Name: | Not reported |
| Mailing Address: | 5191 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541009 |
| Gen County: | Not reported |
| TSD EPA ID: | ORD981766124 |
| TSD County: | Not reported |
| Waste Category: | Photochemicals/photoprocessing waste |
| Disposal Method: | Transfer Station |
| Tons: | .0040 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |

**SUN CIRCUITS INC (Continued)** **1000857174**

Facility County: Santa Clara

envid: 1000857174
Year: 1996
GEPAID: CA0000068882
Contact: MARK N SHEBBY
Telephone: 4087277784
Mailing Name: Not reported
Mailing Address: 5191 LAFAYETTE ST
Mailing City,St,Zip: SANTA CLARA, CA 950541009
Gen County: Not reported
TSD EPA ID: CAD070148432
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .1718
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1000857174
Year: 1996
GEPAID: CA0000068882
Contact: MARK N SHEBBY
Telephone: 4087277784
Mailing Name: Not reported
Mailing Address: 5191 LAFAYETTE ST
Mailing City,St,Zip: SANTA CLARA, CA 950541009
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: .9174
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
5 additional CA_HAZNET: record(s) in the EDR Site Report.

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**F51** **SUN CIRCUITS INC** **MN MANIFEST** **S119124933**
**South** **5124 CALLE DEL SOL** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.116 mi.**
**615 ft.** **Site 3 of 3 in cluster F**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

MANIFEST:
Manifest ID: 1925
Generator ID: CA0000068882
Generator AI ID: 40781
Transporter 1 ID: CAD095991253
Transporter 1 AI ID: 17153
Transporter 1 AI Name: Great Western Chemical Milpitas
Transporter 1 Address: 945 Ames Ave
Transporter 1 City: Milpitas
Transporter 1 State: CA
Transporter 1 ZIP: 95035-6326

**SUN CIRCUITS INC (Continued)** **S119124933**

| | |
|---|---|
| Transporter 2 ID: | CAD063547996 |
| Transporter 2 AI ID: | 34116 |
| Transporter 2 AI Name: | Allwaste Transporation & Remediation |
| Transporter 2 Address: | 12475A Llagas Ave |
| Transporter 2 City: | San Martin |
| Transporter 2 State: | CA |
| Transporter 2 ZIP: | 95046 |
| TSD ID: | MND981098478 |
| TSD AI ID: | 8214 |
| TSD AI Name: | Evoqua Water Technologies LLC |
| TSD Address: | 2430 Rose Pl |
| TSD City: | Roseville |
| TSD State: | MN |
| TSD Zip: | 55113 |
| Gen Copy Recd Date: | 5/23/1996 0:00:00 |
| Fac Copy Recd Date: | 1996-03-13 00:00:00 |
| Gen Ship Date: | 1996-02-22 00:00:00 |
| Trans 1 Recd Date: | 1996-02-22 00:00:00 |
| Trans 2 Recd Date: | 3/1/1996 0:00:00 |
| Tsd Recd Date: | 1996-03-05 00:00:00 |
| Comments: | Not reported |

Detail:

| | |
|---|---|
| Manifest ID: | 1925 |
| Manifest Row: | 1 |
| Haz Material Name: | CORROSIVE LIQ NOS |
| Haz Class Number: | Not reported |
| UN NA Number: | UN1760 |
| Packing Group Number: | Not reported |
| Container Qty: | 4 |
| Container Code: | DMPF |
| Waste Qty: | 220 |
| Waste Units Code: | AD |
| Waste Code List: | D002 |

---

**E52** **2278 CALLE DE LUNA** **CA CPS-SLIC** **S119777510**
**SSE** **2278 CALLE DE LUNA** **CA CERS** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.118 mi.**
**622 ft.** **Site 7 of 7 in cluster E**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

CPS-SLIC:

| | |
|---|---|
| Region: | STATE |
| **Facility Status:** | **Open - Assessment & Interim Remedial Action** |
| Status Date: | 01/04/2017 |
| Global Id: | T10000009993 |
| Lead Agency: | SANTA CLARA COUNTY LOP |
| Lead Agency Case Number: | 2017-01s |
| Latitude: | 37.40849 |
| Longitude: | -121.96416 |
| Case Type: | Cleanup Program Site |
| Case Worker: | AC |
| Local Agency: | SANTA CLARA COUNTY LOP |
| RB Case Number: | Not reported |
| File Location: | All Files are on GeoTracker or in the Local Agency Database |
| Potential Media Affected: | Other Groundwater (uses other than drinking water), Soil, Soil Vapor |
| Potential Contaminants of Concern: | Other Chlorinated Hydrocarbons, DDD / DDE / DDT, Chromium VI |

**2278 CALLE DE LUNA (Continued)** **S119777510**

Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS TANKS:

| | |
|---|---|
| Site ID: | 415909 |
| CERS ID: | T10000009993 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Local Agency Caseworker |
| Entity Name: | AARON COSTA - SANTA CLARA COUNTY LOP |
| Entity Title: | Not reported |
| Affiliation Address: | 1555 Berger Drive, Suite 300 |
| Affiliation City: | SAN JOSE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | 4089181954 |

---

**G53** **AMALAR INC** **RCRA-SQG** **1000277480**
**SSW** **2317 CALLE DE LUNA** **FINDS** **CAD982029779**
**< 1/8** **SANTA CLARA, CA 95054** **ECHO**
**0.119 mi.**
**630 ft.** **Site 1 of 4 in cluster G**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 09/01/1996 |
| Facility name: | AMALAR INC |
| Facility address: | 2317 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD982029779 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | RICHARD WILLS |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |

**AMALAR INC (Continued)** **1000277480**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/03/1987
Site name: AMALAR INC
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002782267

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

**AMALAR INC (Continued)** **1000277480**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000277480
Registry ID: 110002782267
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002782267

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**G54 SSW 1/8-1/4 0.128 mi. 676 ft.** **L P GLASSBLOWING INC** **CA CERS HAZ WASTE** **S121742263**
**2325 CALLE DE LUNA** **CA CERS** **N/A**
**SANTA CLARA, CA 95054**

**Site 2 of 4 in cluster G**

**Relative: Higher**
**Actual: 12 ft.**

CERS HAZ WASTE:
Site ID: 128582
CERS ID: 10084474
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 128582
Site Name: L P GLASSBLOWING INC
Violation Date: 02-27-2014
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 08/04/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 128582
Site Name: L P GLASSBLOWING INC
Violation Date: 02-27-2014
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers.
Violation Notes: Returned to compliance on 08/04/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 128582
Site Name: L P GLASSBLOWING INC
Violation Date: 02-27-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Not reported

**L P GLASSBLOWING INC (Continued)** **S121742263**

| | |
|---|---|
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-27-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-27-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 128582 |
| Site Name: | L P GLASSBLOWING INC |
| Site Address: | 2325 CALLE DE LUNA |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 11-21-2014 |
| Enf Action Type: | AEO - Unified Program |
| Enf Action Description: | Administrative Enforcement Order Based on the Unified Program Statute |
| Enf Action Notes: | Fines/Penalties Assessed: $250.00. Failure to comply in regards to HMBP submittal. |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | UNSPEC |
| Enf Action Source: | CERS |

| | |
|---|---|
| Site ID: | 128582 |
| Site Name: | L P GLASSBLOWING INC |
| Site Address: | 2325 CALLE DE LUNA |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 11-21-2014 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | HMRRP |
| Enf Action Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 128582 |
| Facility Name: | L P GLASSBLOWING INC |
| Env Int Type Code: | HWG |
| Program ID: | 10084474 |

**L P GLASSBLOWING INC (Continued)** **S121742263**

| | |
|---|---|
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.408520 |
| Longitude: | -121.966690 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Ray Cano |
| Entity Title: | Not reported |
| Affiliation Address: | 2325 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-8982 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2325 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Steve Pittl |
| Entity Title: | GM |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Leopold Pivk |
| Entity Title: | Not reported |
| Affiliation Address: | 2325 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-7561 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |

**L P GLASSBLOWING INC (Continued)** **S121742263**

| | |
|---|---|
| Entity Name: | LP Glassblowing |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-7561 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | L P GLASSBLOWING INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Bronko Micek |
| Entity Title: | Production Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 270-9961 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Lee Pivk, Jr. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-7658 |

CERS TANKS:

| | |
|---|---|
| Site ID: | 128582 |
| CERS ID: | 10084474 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 128582 |
| Site Name: | L P GLASSBLOWING INC |
| Violation Date: | 02-27-2014 |
| Citation: | 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5 |
| Violation Description: | Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1. |
| Violation Notes: | Returned to compliance on 08/04/2015. |

**L P GLASSBLOWING INC (Continued)** **S121742263**

Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 128582
Site Name: L P GLASSBLOWING INC
Violation Date: 02-27-2014
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers.
Violation Notes: Returned to compliance on 08/04/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 128582
Site Name: L P GLASSBLOWING INC
Violation Date: 02-27-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Not reported
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 128582
Site Name: L P GLASSBLOWING INC
Site Address: 2325 CALLE DE LUNA
Site City: SANTA CLARA
Site Zip: 95054
Enf Action Date: 11-21-2014

**L P GLASSBLOWING INC (Continued)** **S121742263**

| | |
|---|---|
| Enf Action Type: | AEO - Unified Program |
| Enf Action Description: | Administrative Enforcement Order Based on the Unified Program Statute |
| Enf Action Notes: | Fines/Penalties Assessed: $250.00. Failure to comply in regards to HMBP submittal. |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | UNSPEC |
| Enf Action Source: | CERS |

| | |
|---|---|
| Site ID: | 128582 |
| Site Name: | L P GLASSBLOWING INC |
| Site Address: | 2325 CALLE DE LUNA |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 11-21-2014 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | HMRRP |
| Enf Action Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 128582 |
| Facility Name: | L P GLASSBLOWING INC |
| Env Int Type Code: | HWG |
| Program ID: | 10084474 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.408520 |
| Longitude: | -121.966690 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Ray Cano |
| Entity Title: | Not reported |
| Affiliation Address: | 2325 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-8982 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2325 Calle De Luna |

**L P GLASSBLOWING INC (Continued)** **S121742263**

| | |
|---|---|
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Steve Pittl |
| Entity Title: | GM |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Leopold Pivk |
| Entity Title: | Not reported |
| Affiliation Address: | 2325 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-7561 |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | LP Glassblowing |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-7561 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | L P GLASSBLOWING INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Bronko Micek |
| Entity Title: | Production Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 270-9961 |
| | |
| Affiliation Type Desc: | Secondary Emergency Contact |

**L P GLASSBLOWING INC (Continued)** **S121742263**

| | |
|---|---|
| Entity Name: | Lee Pivk, Jr. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-7658 |

---

**H55**
**SW**
**1/8-1/4**
**0.129 mi.**
**681 ft.**

**SUN CIRCUITS INC**
**2354 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054**

**CA CUPA Listings** **S121470409**
**N/A**

**Site 1 of 4 in cluster H**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2205 |
| Program Description: | GENERATES 100 KG YR TO <5 TONS/YR |
| Latitude: | 37.409273 |
| Longitude: | -121.966861 |
| Record ID: | PR0317917 |
| Facility ID: | FA0211795 |

---

**G56**
**SSW**
**1/8-1/4**
**0.143 mi.**
**756 ft.**

**GATEWAY PRECISION INC**
**2300 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**CA CERS HAZ WASTE** **S121740435**
**CA CERS** **N/A**

**Site 3 of 4 in cluster G**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 118944 |
| CERS ID: | 10132918 |
| CERS Description: | Hazardous Waste Generator |

Violations:

| | |
|---|---|
| Site ID: | 118944 |
| Site Name: | Gateway Precision Inc |
| Violation Date: | 06-20-2014 |
| Citation: | HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2 |
| Violation Description: | Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years. |

**GATEWAY PRECISION INC (Continued)** **S121740435**

Violation Notes: Returned to compliance on 07/16/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 118944
Site Name: Gateway Precision Inc
Violation Date: 06-20-2014
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers.
Violation Notes: Returned to compliance on 07/16/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 118944
Site Name: Gateway Precision Inc
Violation Date: 06-20-2014
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 07/16/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 118944
Site Name: Gateway Precision Inc
Violation Date: 06-20-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 07/15/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-20-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

**GATEWAY PRECISION INC (Continued)** **S121740435**

| | |
|---|---|
| Eval Date: | 06-20-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 118944 |
| Facility Name: | Gateway Precision Inc |
| Env Int Type Code: | HWG |
| Program ID: | 10132918 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.407986 |
| Longitude: | -121.965836 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Chi To |
| Entity Title: | Not reported |
| Affiliation Address: | 2300 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 855-8849 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2300 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Chi To |
| Entity Title: | Office Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |

**GATEWAY PRECISION INC (Continued)** **S121740435**

| | |
|---|---|
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Huy Nguyen |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 499-1887 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Gateway Precision Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Huy Nguyen |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 499-1887 |
| | |
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Chi To |
| Entity Title: | Office Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 218-2107 |

CERS TANKS:

| | |
|---|---|
| Site ID: | 118944 |
| CERS ID: | 10132918 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 118944 |
| Site Name: | Gateway Precision Inc |
| Violation Date: | 06-20-2014 |
| Citation: | HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2 |
| Violation Description: | Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste |

**GATEWAY PRECISION INC (Continued)** **S121740435**

that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years.

Violation Notes: Returned to compliance on 07/16/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 118944
Site Name: Gateway Precision Inc
Violation Date: 06-20-2014
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers.
Violation Notes: Returned to compliance on 07/16/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 118944
Site Name: Gateway Precision Inc
Violation Date: 06-20-2014
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 07/16/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 118944
Site Name: Gateway Precision Inc
Violation Date: 06-20-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 07/15/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP

**GATEWAY PRECISION INC (Continued)** **S121740435**

Violation Source: CERS

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-20-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-20-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 118944 |
| Facility Name: | Gateway Precision Inc |
| Env Int Type Code: | HWG |
| Program ID: | 10132918 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.407986 |
| Longitude: | -121.965836 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Chi To |
| Entity Title: | Not reported |
| Affiliation Address: | 2300 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 855-8849 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2300 Calle De Luna |

**GATEWAY PRECISION INC (Continued)** **S121740435**

| | |
|---|---|
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Chi To |
| Entity Title: | Office Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Huy Nguyen |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 499-1887 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Gateway Precision Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Huy Nguyen |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 499-1887 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Chi To |
| Entity Title: | Office Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 218-2107 |

**H57 SW 1/8-1/4 0.152 mi. 802 ft.** | **SUN CIRCUITS, INC.**
**5191 LAFAYETTE STREET**
**SANTA CLARA, CA 95054**

**Site 2 of 4 in cluster H**

**RCRA-SQG** | **1000857166**
**CA0000068809**

**Relative: Higher**

**Actual: 12 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 02/21/2002 |
| Facility name: | SUN CIRCUITS, INC. |
| Facility address: | 5191 LAFAYETTE STREET<br>SANTA CLARA, CA 95054 |
| EPA ID: | CA0000068809 |
| Mailing address: | 2314 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact: | MARK SHEBBY |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | 408-727-7784 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Land type: | Private |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | MARK SHEBBY |
| Owner/operator address: | Not reported<br>Not reported |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 10/01/1985 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | MARK SHEBBY |
| Owner/operator address: | Not reported<br>Not reported |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 10/01/1985 |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

U.S. importer of hazardous waste: No

**SUN CIRCUITS, INC. (Continued)** **1000857166**

| | |
|---|---|
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Historical Generators:

Date form received by agency: 02/21/2002
Site name: SUN CIRCUITS, INC.
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D011
. Waste name: SILVER

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 10/12/2000
Site name: SUN CIRCUITS, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: SUN CIRCUITS, INC.
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: SUN CIRCUITS INC
Classification: Small Quantity Generator

Date form received by agency: 02/27/1996
Site name: SUN CIRCUITS, INC.
Classification: Large Quantity Generator

Date form received by agency: 11/16/1993
Site name: SUN CIRCUITS INC
Classification: Large Quantity Generator

**SUN CIRCUITS, INC. (Continued)** **1000857166**

Facility Has Received Notices of Violations:

| | |
|---|---|
| Regulation violated: | Not reported |
| Area of violation: | Generators - General |
| Date violation determined: | 08/06/2003 |
| Date achieved compliance: | 11/06/2003 |
| Violation lead agency: | State |
| Enforcement action: | WRITTEN INFORMAL |
| Enforcement action date: | 08/06/2003 |
| Enf. disposition status: | Not reported |
| Enf. disp. status date: | Not reported |
| Enforcement lead agency: | State |
| Proposed penalty amount: | Not reported |
| Final penalty amount: | Not reported |
| Paid penalty amount: | Not reported |

Evaluation Action Summary:

| | |
|---|---|
| Evaluation date: | 08/06/2003 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - General |
| Date achieved compliance: | 11/06/2003 |
| Evaluation lead agency: | State Contractor/Grantee |

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**H58** **SUN CIRCUITS, INC.** **RCRA-LQG** **1007198609**
**SW** **5191 LAFAYETTE ST.** **CA ENVIROSTOR** **CAD000068809**
**1/8-1/4** **SANTA CLARA, CA 95054** **FINDS**
**0.152 mi.** **ECHO**
**802 ft.** **Site 3 of 4 in cluster H** **CA WDS**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 03/24/1994 |
| Facility name: | SUN CIRCUITS INC |
| Facility address: | 5191 LAFAYETTE ST<br>SANTA CLARA, CA 95054-0000 |
| EPA ID: | CAD000068809 |
| Mailing address: | 5124 CALLE DEL SOL<br>SANTA CLARA, CA 95054-0000 |
| Contact: | SUZANNE REED |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | 408-727-7784 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

**SUN CIRCUITS, INC. (Continued)** **1007198609**

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71003561 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.40867 |
| Longitude: | -121.9677 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CA0000068809 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110000484468 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 71003561 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |

**SUN CIRCUITS, INC. (Continued)** **1007198609**

Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110000484468

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS AIR POLLUTANT MAJOR

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

Registry ID: 110055664286

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1007198609
Registry ID: 110000484468
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000484468

WDS:
Facility ID: San Francisco Bay 43I012663

**SUN CIRCUITS, INC. (Continued)** **1007198609**

| | |
|---|---|
| Facility Type: | Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping. |
| Facility Status: | Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. |
| NPDES Number: | CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board |
| Subregion: | 2 |
| Facility Telephone: | 4087277784 |
| Facility Contact: | RICK PITNEY |
| Agency Name: | SUN CIRCUITS INC |
| Agency Address: | 2314 CALLE DE MUNDO |
| Agency City,St,Zip: | SANTA CLARA 95054 |
| Agency Contact: | MARK SHEBBY |
| Agency Telephone: | 4087277784 |
| Agency Type: | Private |
| SIC Code: | 0 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Not reported |
| Primary Waste: | Not reported |
| Waste Type2: | Not reported |
| Waste2: | Not reported |
| Primary Waste Type: | Not reported |
| Secondary Waste: | Not reported |
| Secondary Waste Type: | Not reported |
| Design Flow: | 0 |
| Baseline Flow: | 0 |
| Reclamation: | Not reported |
| POTW: | Not reported |
| Treat To Water: | Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality. |
| Complexity: | Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds. |

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**H59** **SUN CIRCUITS INC** **CA CUPA Listings** **S121470655**
**SW** **5191 LAFAYETTE AV** **N/A**
**1/8-1/4** **SANTA CLARA, CA 95054**
**0.152 mi.**
**802 ft.** **Site 4 of 4 in cluster H**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2208 |
| Program Description: | GENERATES 50 TO <250 TONS/YR |
| Latitude: | 37.408749 |
| Longitude: | -121.967743 |
| Record ID: | PR0314006 |

**SUN CIRCUITS INC (Continued)** **S121470655**

Facility ID: FA0212632

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**G60 SW 1/8-1/4 0.153 mi. 809 ft.** | **GUIDED DELIVERY SYSTEMS**
**2355 CALLE DE LUNA**
**SANTA CLARA, CA 95054** | **RCRA-SQG** **1014387291**
**CA HAZNET** **CAR000207738**

**Site 4 of 4 in cluster G**

**Relative: Higher**

**Actual: 12 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 04/13/2010 |
| Facility name: | GUIDED DELIVERY SYSTEMS |
| Facility address: | 2355 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAR000207738 |
| Contact: | NORA E TREVINO |
| Contact address: | 2355 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-727-1105 |
| Telephone ext.: | 220 |
| Contact email: | NTREVINO@GDSMED.COM |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NIEL STARKSEN |
| Owner/operator address: | Not reported<br>Not reported |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 06/15/2001 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NIEL STARKSEN |
| Owner/operator address: | 2355 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 06/15/2001 |
| Owner/Op end date: | Not reported |

**GUIDED DELIVERY SYSTEMS (Continued)** **1014387291**

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Universal Waste Summary:

| | |
|---|---|
| Waste type: | Batteries |
| Accumulated waste on-site: | Yes |
| Generated waste on-site: | Not reported |
| Waste type: | Lamps |
| Accumulated waste on-site: | Yes |
| Generated waste on-site: | Not reported |
| Waste type: | Pesticides |
| Accumulated waste on-site: | Yes |
| Generated waste on-site: | Not reported |
| Waste type: | Thermostats |
| Accumulated waste on-site: | Yes |
| Generated waste on-site: | Not reported |
| . Waste code: | D001 |
| . Waste name: | IGNITABLE WASTE |
| Violation Status: | No violations found |

HAZNET:

| | |
|---|---|
| envid: | 1014387291 |
| Year: | 2012 |
| GEPAID: | CAR000207738 |
| Contact: | NORA E TREVINO EXT 220 |
| Telephone: | 4087271105 |
| Mailing Name: | Not reported |
| Mailing Address: | 2355 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Santa Clara |
| TSD EPA ID: | CAD980887418 |
| TSD County: | Alameda |
| Waste Category: | Not reported |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.108 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |

**GUIDED DELIVERY SYSTEMS (Continued)** **1014387291**

| | |
|---|---|
| Facility County: | Santa Clara |
| envid: | 1014387291 |
| Year: | 2011 |
| GEPAID: | CAR000207738 |
| Contact: | NORA E TREVINO EXT 220 |
| Telephone: | 4087271105 |
| Mailing Name: | Not reported |
| Mailing Address: | 2355 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD980887418 |
| TSD County: | Not reported |
| Waste Category: | Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.) |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.22935 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

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**I61 South 1/8-1/4 0.161 mi. 851 ft.** **WESTERN DIGITAL CORP** **RCRA NonGen / NLR** **1000403186**
**5102 CALLE DEL SOL** **FINDS** **CAD981383904**
**SANTA CLARA, CA 95054** **ECHO**

**Site 1 of 3 in cluster I**

**Relative: Higher**

**Actual: 11 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 05/16/2002 |
| Facility name: | FLEXTRONICS PHOTONICS |
| Facility address: | 5102 CALLE DEL SOL<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD981383904 |
| Mailing address: | 2245 LUNDY AVE<br>SAN JOSE, CA 95131 |
| Contact: | CLIFFORD BAUGHN |
| Contact address: | 2245 LUNDY AVE<br>SAN JOSE, CA 95131 |
| Contact country: | US |
| Contact telephone: | 408-576-7000 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |

**WESTERN DIGITAL CORP (Continued)** **1000403186**

Owner/Op end date: Not reported

Owner/operator name: STEPHEN D MASON
Owner/operator address: 2241 CALLE DE LUNA
SANTA CLARA, CA 95054
Owner/operator country: Not reported
Owner/operator telephone: 408-987-4972
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 10/12/2000
Site name: KOMAG, INC. BUILDINGS 21 & 22
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999

**WESTERN DIGITAL CORP (Continued)** **1000403186**

Site name: WESTERN DIGITAL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 05/02/1997
Site name: WESTERN DIGITAL SANTA CLARA
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: FLEXTRONICS PHOTONICS
Classification: Large Quantity Generator

Date form received by agency: 03/26/1994
Site name: WESTERN DIGITAL MEDIA
Classification: Large Quantity Generator

Date form received by agency: 02/20/1992
Site name: WESTERN DIGITAL (MEDIA) CORP.
Classification: Large Quantity Generator

Date form received by agency: 03/27/1990
Site name: TRIATEK MEDIA CORP
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110009535020

Environmental Interest/Information System
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110055876057

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000403186
Registry ID: 110009535020
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009535020

**I62** **WESTERN DIGITAL** **CA ENVIROSTOR** **S108755321**
**South** **5102 CALLE DEL SOL** **N/A**
**1/8-1/4** **SANTA CLARA, CA 95054**
**0.161 mi.**
**851 ft.** **Site 2 of 3 in cluster I**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71002774 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 24 |
| Senate: | 13 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.40769 |
| Longitude: | -121.9650 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAD981383904 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110009535020 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 71002774 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

**I63**
**South**
**1/8-1/4**
**0.166 mi.**
**876 ft.**

**SIVA POWER**
**5102 CALLE DEL SOL**
**SANTA CLARA, CA 95054**

**Site 3 of 3 in cluster I**

**CA CERS HAZ WASTE** **S121766050**
**CA CERS** **N/A**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 358721 |
| CERS ID: | 10644580 |
| CERS Description: | Hazardous Waste Generator |

Coordinates:

| | |
|---|---|
| Site ID: | 358721 |
| Facility Name: | Siva Power |
| Env Int Type Code: | HWG |
| Program ID: | 10644580 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station. |
| Latitude: | 37.407640 |
| Longitude: | -121.964900 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Robert Wendt |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Robert G Wendt |
| Entity Title: | Not reported |
| Affiliation Address: | 5102 Calle Del Sol |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 834-7400 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 5102 Calle Del Sol |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |

**SIVA POWER (Continued)** **S121766050**

| | |
|---|---|
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Robert Wendt |
| Entity Title: | VP, Engineering |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Siva Power, Inc |
| Entity Title: | Not reported |
| Affiliation Address: | 5102 Calle Del Sol |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 834-7400 |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Siva Power |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 834-7400 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Siva Power |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Robert G Wendt |
| Entity Title: | Vice President, Engineering |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 713-8520 |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Tasman East dba Calif Urban Residential |
| Entity Title: | Not reported |
| Affiliation Address: | 247 Corte Madera Ave |

**SIVA POWER (Continued)** **S121766050**

Affiliation City: Mill Valley
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94
Affiliation Phone: (415) 533-7170

Affiliation Type Desc: Secondary Emergency Contact
Entity Name: Markus E Beck
Entity Title: Chief Technology Officer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 726-5742

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**J64** **BEAM ON TECHNOLOGY CORPORATION** **CA CERS HAZ WASTE** **S121795143**
**SSW** **2318 CALLE DE LUNA** **CA CERS** **N/A**
**1/8-1/4** **SANTA CLARA, CA 95054**
**0.173 mi.**
**912 ft.** **Site 1 of 9 in cluster J**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

CERS HAZ WASTE:
Site ID: 97832
CERS ID: 10087786
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description: Failure to send hazardous waste manifest copies to DTSC.
Violation Notes: Returned to compliance on 01/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: HSC 6.5 25189.5(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a)
Violation Description: Failure to properly dispose of hazardous waste at an authorized location.
Violation Notes: Returned to compliance on 11/21/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes: Returned to compliance on 11/21/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/21/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers.
Violation Notes: Returned to compliance on 01/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes: Returned to compliance on 11/21/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed,

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Violation Notes: Returned to compliance on 01/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes: Returned to compliance on 01/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-21-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 97832
Facility Name: Beam On Technology Corporation
Env Int Type Code: HWG
Program ID: 10087786
Coord Name: Not reported

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

| | |
|---|---|
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.408349 |
| Longitude: | -121.965954 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Luke Kung |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Paul Hashimoto |
| Entity Title: | Not reported |
| Affiliation Address: | 2318 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 422-4398 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2318 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Rajoo Venkat |
| Entity Title: | President/CEO |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Rajoo Venkat |

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 750-9369 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Rajoo Venkat |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 982-0161 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Beam On Technology Corporation |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Rajoo Venkat |
| Entity Title: | President/CEO |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 750-6369 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Paul Hashimoto |
| Entity Title: | Secretary |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 422-4398 |

CERS TANKS:

| | |
|---|---|
| Site ID: | 97832 |
| CERS ID: | 10087786 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

| | |
|---|---|
| Violation Date: | 09-19-2014 |
| Citation: | 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4) |
| Violation Description: | Failure to send hazardous waste manifest copies to DTSC. |
| Violation Notes: | Returned to compliance on 01/06/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 09-19-2014 |
| Citation: | HSC 6.5 25189.5(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a) |
| Violation Description: | Failure to properly dispose of hazardous waste at an authorized location. |
| Violation Notes: | Returned to compliance on 11/21/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 09-19-2014 |
| Citation: | 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d) |
| Violation Description: | Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month. |
| Violation Notes: | Returned to compliance on 11/21/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 09-19-2014 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 11/21/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 09-19-2014 |
| Citation: | 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii) |
| Violation Description: | Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers. |
| Violation Notes: | Returned to compliance on 01/06/2015. |

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes: Returned to compliance on 11/21/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 01/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes: Returned to compliance on 01/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-19-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Other/Unknown |
| Eval Date: | 11-21-2014 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 97832 |
| Facility Name: | Beam On Technology Corporation |
| Env Int Type Code: | HWG |
| Program ID: | 10087786 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.408349 |
| Longitude: | -121.965954 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Luke Kung |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Paul Hashimoto |
| Entity Title: | Not reported |
| Affiliation Address: | 2318 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

| | |
|---|---|
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 422-4398 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2318 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Rajoo Venkat |
| Entity Title: | President/CEO |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Rajoo Venkat |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 750-9369 |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Rajoo Venkat |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 982-0161 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Beam On Technology Corporation |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Rajoo Venkat |
| Entity Title: | President/CEO |

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

| | |
|---|---|
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 750-6369 |

| | |
|---|---|
| Affiliation Type Desc: | Secondary Emergency Contact |
| Entity Name: | Paul Hashimoto |
| Entity Title: | Secretary |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 422-4398 |

---

**J65 SSW 1/8-1/4 0.173 mi. 912 ft.** **BEAM ON TECHNOLOGY CORPORATION** **RCRA-LQG** **1007200813**
**2318 CALLE DE LUNA** **FINDS** **CAT080031420**
**SANTA CLARA, CA 95054**

**Site 2 of 9 in cluster J**

**Relative: Higher**

**Actual: 12 ft.**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 10/12/2000 |
| Facility name: | SUN CIRCUITS INC |
| Site name: | PARAGON ELECTRONIC SYSTEMS, INC. |
| Facility address: | 2318 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAT080031420 |
| Contact: | STEVEN FRANK |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | 408-929-8000 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **1007200813**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/04/1999
Site name: PARAGON ELECTRONIC SYSTEMS INC.
Classification: Large Quantity Generator

Date form received by agency: 03/20/1996
Site name: PARAGON ELECTRONIC SYSTEMS INC.
Classification: Large Quantity Generator

Date form received by agency: 04/04/1994
Site name: PARAGON
Classification: Large Quantity Generator

Date form received by agency: 04/01/1992
Site name: PARAGON
Classification: Large Quantity Generator

Date form received by agency: 04/20/1990
Site name: PARAGON
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110055829028

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

---

**J66** **NMN INC** **MN MANIFEST** **S119125061**
**SSW** **2318 CALLE DE LUNA** **N/A**
**1/8-1/4** **SANTA CLARA, CA 95054**
**0.173 mi.**
**912 ft.** **Site 3 of 9 in cluster J**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

MANIFEST:
Manifest ID: 1078
Generator ID: CAT080031420
Generator AI ID: 44527
Transporter 1 ID: Not reported
Transporter 1 AI ID: Not reported

**NMN INC (Continued)** **S119125061**

| | |
|---|---|
| Transporter 1 AI Name: | Not reported |
| Transporter 1 Address: | Not reported |
| Transporter 1 City: | Not reported |
| Transporter 1 State: | Not reported |
| Transporter 1 ZIP: | Not reported |
| Transporter 2 ID: | CAD063547996 |
| Transporter 2 AI ID: | 34116 |
| Transporter 2 AI Name: | Allwaste Transporation & Remediation |
| Transporter 2 Address: | 12475A Llagas Ave |
| Transporter 2 City: | San Martin |
| Transporter 2 State: | CA |
| Transporter 2 ZIP: | 95046 |
| TSD ID: | MND981098478 |
| TSD AI ID: | 8214 |
| TSD AI Name: | Evoqua Water Technologies LLC |
| TSD Address: | 2430 Rose Pl |
| TSD City: | Roseville |
| TSD State: | MN |
| TSD Zip: | 55113 |
| Gen Copy Recd Date: | 3/8/1996 0:00:00 |
| Fac Copy Recd Date: | 1996-03-13 00:00:00 |
| Gen Ship Date: | 1996-02-21 00:00:00 |
| Trans 1 Recd Date: | 1996-02-21 00:00:00 |
| Trans 2 Recd Date: | 3/1/1996 0:00:00 |
| Tsd Recd Date: | 1996-03-05 00:00:00 |
| Comments: | Not reported |

Detail:

| | |
|---|---|
| Manifest ID: | 1078 |
| Manifest Row: | 1 |
| Haz Material Name: | CUPRIC AMMONIUM CHLORIDE |
| Haz Class Number: | Not reported |
| UN NA Number: | UN1760 |
| Packing Group Number: | Not reported |
| Container Qty: | 13 |
| Container Code: | DMPF |
| Waste Qty: | 715 |
| Waste Units Code: | AD |
| Waste Code List: | D002 |

| | |
|---|---|
| Manifest ID: | 1079 |
| Generator ID: | CAT080031420 |
| Generator AI ID: | 44527 |
| Transporter 1 ID: | CAD095991253 |
| Transporter 1 AI ID: | 17153 |
| Transporter 1 AI Name: | Great Western Chemical Milpitas |
| Transporter 1 Address: | 945 Ames Ave |
| Transporter 1 City: | Milpitas |
| Transporter 1 State: | CA |
| Transporter 1 ZIP: | 95035-6326 |
| Transporter 2 ID: | CAD063547996 |
| Transporter 2 AI ID: | 34116 |
| Transporter 2 AI Name: | Allwaste Transporation & Remediation |
| Transporter 2 Address: | 12475A Llagas Ave |
| Transporter 2 City: | San Martin |
| Transporter 2 State: | CA |
| Transporter 2 ZIP: | 95046 |

**NMN INC (Continued)** **S119125061**

| | |
|---|---|
| TSD ID: | MND981098478 |
| TSD AI ID: | 8214 |
| TSD AI Name: | Evoqua Water Technologies LLC |
| TSD Address: | 2430 Rose Pl |
| TSD City: | Roseville |
| TSD State: | MN |
| TSD Zip: | 55113 |
| Gen Copy Recd Date: | 3/18/1996 0:00:00 |
| Fac Copy Recd Date: | 1996-03-21 00:00:00 |
| Gen Ship Date: | 1996-02-23 00:00:00 |
| Trans 1 Recd Date: | 1996-02-23 00:00:00 |
| Trans 2 Recd Date: | 3/4/1996 0:00:00 |
| Tsd Recd Date: | 1996-03-09 00:00:00 |
| Comments: | Not reported |

Detail:

| | |
|---|---|
| Manifest ID: | 1079 |
| Manifest Row: | 1 |
| Haz Material Name: | CORROSIVE LIQ NOS |
| Haz Class Number: | Not reported |
| UN NA Number: | UN1760 |
| Packing Group Number: | Not reported |
| Container Qty: | 26 |
| Container Code: | DMPF |
| Waste Qty: | 1430 |
| Waste Units Code: | AD |
| Waste Code List: | D002 |

| | |
|---|---|
| Manifest ID: | 1080 |
| Generator ID: | CAT080031420 |
| Generator AI ID: | 44527 |
| Transporter 1 ID: | CAD095991253 |
| Transporter 1 AI ID: | 17153 |
| Transporter 1 AI Name: | Great Western Chemical Milpitas |
| Transporter 1 Address: | 945 Ames Ave |
| Transporter 1 City: | Milpitas |
| Transporter 1 State: | CA |
| Transporter 1 ZIP: | 95035-6326 |
| Transporter 2 ID: | CAD980584510 |
| Transporter 2 AI ID: | 42161 |
| Transporter 2 AI Name: | Allwaste Transporation & Remediation I |
| Transporter 2 Address: | PO Box 150 |
| Transporter 2 City: | San Ardo |
| Transporter 2 State: | CA |
| Transporter 2 ZIP: | 93450-0150 |
| TSD ID: | MND981098478 |
| TSD AI ID: | 8214 |
| TSD AI Name: | Evoqua Water Technologies LLC |
| TSD Address: | 2430 Rose Pl |
| TSD City: | Roseville |
| TSD State: | MN |
| TSD Zip: | 55113 |
| Gen Copy Recd Date: | 3/6/1996 0:00:00 |
| Fac Copy Recd Date: | 1996-03-13 00:00:00 |
| Gen Ship Date: | 1996-02-19 00:00:00 |
| Trans 1 Recd Date: | 1996-02-19 00:00:00 |
| Trans 2 Recd Date: | 2/26/1996 0:00:00 |

**NMN INC (Continued)** **S119125061**

Tsd Recd Date: 1996-03-01 00:00:00
Comments: Not reported

Detail:
Manifest ID: 1080
Manifest Row: 1
Haz Material Name: CORROSIVE LIQ NOS
Haz Class Number: Not reported
UN NA Number: UN1760
Packing Group Number: Not reported
Container Qty: 12
Container Code: DMPF
Waste Qty: 660
Waste Units Code: AD
Waste Code List: D002

Manifest ID: 1081
Generator ID: CAT080031420
Generator AI ID: 44527
Transporter 1 ID: CAD095991253
Transporter 1 AI ID: 17153
Transporter 1 AI Name: Great Western Chemical Milpitas
Transporter 1 Address: 945 Ames Ave
Transporter 1 City: Milpitas
Transporter 1 State: CA
Transporter 1 ZIP: 95035-6326
Transporter 2 ID: CAD982403198
Transporter 2 AI ID: 33922
Transporter 2 AI Name: Advanced Environmental Inc
Transporter 2 Address: 2627 Gardena Ave
Transporter 2 City: Signal Hill
Transporter 2 State: CA
Transporter 2 ZIP: 90806-2012
TSD ID: MND981098478
TSD AI ID: 8214
TSD AI Name: Evoqua Water Technologies LLC
TSD Address: 2430 Rose Pl
TSD City: Roseville
TSD State: MN
TSD Zip: 55113
Gen Copy Recd Date: 3/11/1996 0:00:00
Fac Copy Recd Date: 1996-03-13 00:00:00
Gen Ship Date: 1996-02-28 00:00:00
Trans 1 Recd Date: 1996-02-28 00:00:00
Trans 2 Recd Date: 3/5/1996 0:00:00
Tsd Recd Date: 1996-03-08 00:00:00
Comments: Not reported

Detail:
Manifest ID: 1081
Manifest Row: 1
Haz Material Name: CORROSIVE LIQ NOS
Haz Class Number: Not reported
UN NA Number: UN1760
Packing Group Number: Not reported
Container Qty: 17
Container Code: DMPF

**NMN INC (Continued)** **S119125061**

Waste Qty: 935
Waste Units Code: AD
Waste Code List: D002

---

**J67 SSW 1/8-1/4 0.173 mi. 912 ft.** **PARAGON ELECTRONIC SYSTEMS, INC.** **CA ENVIROSTOR** **S118757464**
**2318 CALLE DE LUNA** **N/A**
**SANTA CLARA, CA 95054**

**Site 4 of 9 in cluster J**

**Relative: Higher**

**Actual: 12 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71003542 |
| Status: | No Action Required |
| Status Date: | 10/02/1997 |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | 0 |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.40797 |
| Longitude: | -121.9658 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAT080031420 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110017217625 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 71003542 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Phase I Verification |
| Completed Date: | 10/02/1997 |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |

**PARAGON ELECTRONIC SYSTEMS, INC. (Continued)** **S118757464**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

---

**J68 SSW 1/8-1/4 0.173 mi. 912 ft.** | **PARAGON** | **CA HIST UST** | **U001601798**
**2318 CALLE DE LUNA** | **N/A**
**SANTA CLARA, CA 95050**

**Site 5 of 9 in cluster J**

**Relative: Higher**
**Actual: 12 ft.**

HIST UST:

| | |
|---|---|
| File Number: | 00020684 |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00020684.pdf |
| Region: | STATE |
| Facility ID: | 00000001077 |
| Facility Type: | Other |
| Other Type: | MANUFACTURING |
| Contact Name: | STAN NELSON, PRESIDENT |
| Telephone: | 4087278824 |
| Owner Name: | NMV INC DBA PARAGON |
| Owner Address: | 2318 CALLE DE LUNA |
| Owner City,St,Zip: | SANTA CLARA, CA 95050 |
| Total Tanks: | 0004 |
| | |
| Tank Num: | 001 |
| Container Num: | 3 |
| Year Installed: | 1984 |
| Tank Capacity: | 00000470 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | 4 |
| Leak Detection: | Visual |
| | |
| Tank Num: | 002 |
| Container Num: | 1 |
| Year Installed: | 1981 |
| Tank Capacity: | 00000200 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | 3 |
| Leak Detection: | Not reported |
| | |
| Tank Num: | 003 |
| Container Num: | 2 |
| Year Installed: | 1981 |
| Tank Capacity: | 00001500 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | 3 |
| Leak Detection: | Not reported |
| | |
| Tank Num: | 004 |
| Container Num: | 4 |
| Year Installed: | 1984 |
| Tank Capacity: | 00002600 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | 4 |

**PARAGON (Continued)** **U001601798**

Leak Detection: Visual

Click here for Geo Tracker PDF:

---

**J69 SSW 1/8-1/4 0.173 mi. 912 ft.** **PARAGON ELECTRONIC SYSTEMS INC** **CA CUPA Listings** **S103644136**
**2318 CALLE DE LUNA** **CA EMI** **N/A**
**SANTA CLARA, CA 95054** **CA CIWQS**

**Site 6 of 9 in cluster J**

**Relative: Higher**

**Actual: 12 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2210 |
| Program Description: | GENERATES 500 TO <1000 TONS/YR |
| Latitude: | 37.408343 |
| Longitude: | -121.965667 |
| Record ID: | PR0312808 |
| Facility ID: | FA0211772 |

EMI:

| | |
|---|---|
| Year: | 1995 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 7 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1996 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 7 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1997 |
| County Code: | 43 |
| Air Basin: | SF |

**PARAGON ELECTRONIC SYSTEMS INC (Continued)** **S103644136**

| | |
|---|---|
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 19 |
| Reactive Organic Gases Tons/Yr: | 8 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1998 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 7 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1999 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 8 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2000 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |

**PARAGON ELECTRONIC SYSTEMS INC (Continued)** **S103644136**

| | |
|---|---|
| Total Organic Hydrocarbon Gases Tons/Yr: | 8 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2001 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3699 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 7 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2002 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 7 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

CIWQS:

| | |
|---|---|
| Agency: | Paragon Electronic Systems Inc |
| Agency Address: | 2318 Calle De Luna, Santa Clara, CA 95054 |
| Place/Project Type: | Industrial - Printed Circuit Boards |
| SIC/NAICS: | 3672 |
| Region: | 2 |
| Program: | INDSTW |
| Regulatory Measure Status: | Terminated |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 2 43I006980 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 05/18/1992 |
| Termination Date: | 05/23/2003 |

**PARAGON ELECTRONIC SYSTEMS INC (Continued)** **S103644136**

| | |
|---|---|
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 37.40861 |
| Longitude: | -121.96525 |

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**J70** **CALIFORNIA MACHINING CTR INC** **CA CUPA Listings** **S121470654**
**SW** **5181 LAFAYETTE ST** **N/A**
**1/8-1/4** **SANTA CLARA, CA 95054**
**0.177 mi.**
**934 ft.** **Site 7 of 9 in cluster J**

**Relative:**
**Higher**

**Actual:**
**13 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2201 |
| Program Description: | GENERATES WASTE OIL ONLY |
| Latitude: | 37.408566 |
| Longitude: | -121.967618 |
| Record ID: | PR0315059 |
| Facility ID: | FA0212631 |

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**J71** **INTERNATIONAL SPRAY PAINTING** **CA CUPA Listings** **S113075342**
**SSW** **5171 LAFAYETTE ST** **CA HAZNET** **N/A**
**1/8-1/4** **SANTA CLARA, CA 95054**
**0.183 mi.**
**964 ft.** **Site 8 of 9 in cluster J**

**Relative:**
**Higher**

**Actual:**
**13 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2202 |
| Program Description: | GENERATES < 100 KG/YR |
| Latitude: | 37.408382 |
| Longitude: | -121.967493 |
| Record ID: | PR0317292 |
| Facility ID: | FA0212630 |

HAZNET:

| | |
|---|---|
| envid: | S113075342 |
| Year: | 2004 |
| GEPAID: | CAL000138029 |
| Contact: | MIKE GRIZELJ-OWNER |
| Telephone: | 4087279704 |
| Mailing Name: | Not reported |
| Mailing Address: | 5171 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541011 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Unspecified solvent mixture |
| Disposal Method: | Recycler |
| Tons: | 0.91 |
| Cat Decode: | Not reported |

**INTERNATIONAL SPRAY PAINTING (Continued)** **S113075342**

| | |
|---|---|
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113075342 |
| Year: | 2004 |
| GEPAID: | CAL000138029 |
| Contact: | MIKE GRIZELJ-OWNER |
| Telephone: | 4087279704 |
| Mailing Name: | Not reported |
| Mailing Address: | 5171 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541011 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Oxygenated solvents (acetone, butanol, ethyl acetate, etc.) |
| Disposal Method: | Recycler |
| Tons: | 0.45 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113075342 |
| Year: | 2003 |
| GEPAID: | CAL000138029 |
| Contact: | MIKE GRIZELJ-OWNER |
| Telephone: | 4087279704 |
| Mailing Name: | Not reported |
| Mailing Address: | 5171 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541011 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Unspecified solvent mixture |
| Disposal Method: | Recycler |
| Tons: | 1.14 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113075342 |
| Year: | 2002 |
| GEPAID: | CAL000138029 |
| Contact: | MIKE GRIZELJ-OWNER |
| Telephone: | 4087279704 |
| Mailing Name: | Not reported |
| Mailing Address: | 5171 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541011 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Oxygenated solvents (acetone, butanol, ethyl acetate, etc.) |
| Disposal Method: | Recycler |
| Tons: | 0.22 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

**INTERNATIONAL SPRAY PAINTING (Continued)** **S113075342**

| | |
|---|---|
| envid: | S113075342 |
| Year: | 2002 |
| GEPAID: | CAL000138029 |
| Contact: | MIKE GRIZELJ-OWNER |
| Telephone: | 4087279704 |
| Mailing Name: | Not reported |
| Mailing Address: | 5171 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541011 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Unspecified organic liquid mixture |
| Disposal Method: | Recycler |
| Tons: | 0.22 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

Click this hyperlink while viewing on your computer to access
12 additional CA_HAZNET: record(s) in the EDR Site Report.

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**J72** **NU-METAL FINISHING INC** **RCRA NonGen / NLR** **1000298707**
**SSW** **5171 LAFAYETTE STREET** **FINDS** **CAT080029705**
**1/8-1/4** **SANTA CLARA, CA 95054** **ECHO**
**0.183 mi.**
**964 ft.** **Site 9 of 9 in cluster J**

**Relative:**
**Higher**

**Actual:**
**13 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 02/15/1981 |
| Facility name: | NU-METAL FINISHING INC |
| Facility address: | 5171 LAFAYETTE<br>SANTA CLARA, CA 95050 |
| EPA ID: | CAT080029705 |
| Mailing address: | LAFAYETTE<br>SANTA CLARA, CA 95050 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 5171 LAFAYETTE<br>SANTA CLARA, CA 95050 |
| Contact country: | US |
| Contact telephone: | 408-727-1050 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |

**NU-METAL FINISHING INC (Continued)** **1000298707**

Owner/Op end date: Not reported

Owner/operator name: M FREY & W TREMBLEY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002955446

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000298707
Registry ID: 110002955446
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002955446

**K73 SSW 1/8-1/4 0.191 mi. 1011 ft.** | **SERVER FARM REALTY**
**5101 LAFAYETTE ST**
**SANTA CLARA, CA 95054** | **CA CERS TANKS** | **S121746718**
**CA CERS** | **N/A**

**Site 1 of 4 in cluster K**

**Relative: Higher**

**Actual: 12 ft.**

CERS TANKS:

| | |
|---|---|
| Site ID: | 152548 |
| CERS ID: | 10087258 |
| CERS Description: | Aboveground Petroleum Storage |

Violations:

| | |
|---|---|
| Site ID: | 152548 |
| Site Name: | Server Farm Realty |
| Violation Date: | 09-18-2017 |
| Citation: | HSC 6.67 25270.6(a)(1), 25270.6(a)(2) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(a)(1), 25270.6(a)(2) |
| Violation Description: | Failure to submit a tank facility statement on or before January 1 annually unless a current Business Plan has been submitted. |
| Violation Notes: | Returned to compliance on 11/08/2017. Provided form- in HMBP |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | APSA |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 152548 |
| Site Name: | Server Farm Realty |
| Violation Date: | 09-18-2017 |
| Citation: | HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a) |
| Violation Description: | Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended. |
| Violation Notes: | Operator changed from Server Farm Reality To Zayo Group; Property owner and business lic name is RS Alameda; 3 diesel generator tanks with 3500 gallon capacity each |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | APSA |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 152548 |
| Site Name: | Server Farm Realty |
| Violation Date: | 09-18-2017 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Not reported |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-18-2017 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |

**SERVER FARM REALTY (Continued)** **S121746718**

| | |
|---|---|
| Eval Program: | APSA |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-18-2017 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 152548 |
| Facility Name: | Server Farm Realty |
| Env Int Type Code: | APSA |
| Program ID: | 10087258 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.407314 |
| Longitude: | -121.966080 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Greg Sampson |
| Entity Title: | Not reported |
| Affiliation Address: | 398 Libbey Parkway |
| Affiliation City: | Weymouth |
| Affiliation State: | MA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 02189 |
| Affiliation Phone: | (781) 952-6000 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 5101 Lafayette St |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Fred Jalali |
| Entity Title: | Facilities Operations Manager |

**SERVER FARM REALTY (Continued)** **S121746718**

| | |
|---|---|
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Server Farm |
| Entity Title: | Not reported |
| Affiliation Address: | 999 N. Sepulveda Blvd. Ste. 600 |
| Affiliation City: | El Segundo |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 90245 |
| Affiliation Phone: | (415) 505-4898 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Fred Jalali |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (669) 272-3904 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Server Farm Realty |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Fred Jalali |
| Entity Title: | Data Center Manger |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (415) 505-4898 |

CERS TANKS:

| | |
|---|---|
| Site ID: | 152548 |
| CERS ID: | 10087258 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 152548 |
| Site Name: | Server Farm Realty |
| Violation Date: | 09-18-2017 |

**SERVER FARM REALTY (Continued)** **S121746718**

Citation: HSC 6.67 25270.6(a)(1), 25270.6(a)(2) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(a)(1), 25270.6(a)(2)
Violation Description: Failure to submit a tank facility statement on or before January 1 annually unless a current Business Plan has been submitted.
Violation Notes: Returned to compliance on 11/08/2017. Provided form- in HMBP
Violation Division: Santa Clara City Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 152548
Site Name: Server Farm Realty
Violation Date: 09-18-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.
Violation Notes: Operator changed from Server Farm Reality To Zayo Group; Property owner and business lic name is RS Alameda; 3 diesel generator tanks with 3500 gallon capacity each
Violation Division: Santa Clara City Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 152548
Site Name: Server Farm Realty
Violation Date: 09-18-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-18-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-18-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

**SERVER FARM REALTY (Continued)** **S121746718**

Coordinates:

| | |
|---|---|
| Site ID: | 152548 |
| Facility Name: | Server Farm Realty |
| Env Int Type Code: | APSA |
| Program ID: | 10087258 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.407314 |
| Longitude: | -121.966080 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Greg Sampson |
| Entity Title: | Not reported |
| Affiliation Address: | 398 Libbey Parkway |
| Affiliation City: | Weymouth |
| Affiliation State: | MA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 02189 |
| Affiliation Phone: | (781) 952-6000 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 5101 Lafayette St |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Fred Jalali |
| Entity Title: | Facilities Operations Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Server Farm |
| Entity Title: | Not reported |
| Affiliation Address: | 999 N. Sepulveda Blvd. Ste. 600 |
| Affiliation City: | El Segundo |

**SERVER FARM REALTY (Continued)** **S121746718**

| | |
|---|---|
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 90245 |
| Affiliation Phone: | (415) 505-4898 |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Fred Jalali |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (669) 272-3904 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Server Farm Realty |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Primary Emergency Contact |
| Entity Name: | Fred Jalali |
| Entity Title: | Data Center Manger |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (415) 505-4898 |

---

**K74** **WESTERN DIGITAL CORP** **CA CUPA Listings** **S121470653**
**SSW** **5101 LAFAYETTE ST** **N/A**
**1/8-1/4** **SANTA CLARA, CA 95054**
**0.221 mi.**
**1166 ft.** **Site 2 of 4 in cluster K**

**Relative:**
**Higher**

**Actual:**
**13 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2211 |
| Program Description: | GENERATES 1000 TO <2000 TONS/YR |
| Latitude: | 37.406718 |
| Longitude: | -121.966379 |
| Record ID: | PR0312836 |
| Facility ID: | FA0212625 |

**K75 SSW 1/8-1/4 0.221 mi. 1166 ft.** | **MICRO LITHOGRAPHY INC**
**5101 LAFAYETTE ST**
**SANTA CLARA, CA 95054** | **RCRA-SQG**
**CA EMI**
**CA HAZNET** | **1004675421**
**CAR000072702**

**Site 3 of 4 in cluster K**

**Relative: Higher**

**Actual: 13 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 05/09/2000 |
| Facility name: | MICRO LITHOGRAPHY INC |
| Facility address: | 5101 LAFAYETTE ST<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAR000072702 |
| Mailing address: | 1257 ELKO DR<br>SUNNYVALE, CA 94089 |
| Contact: | KEVIN DUONG |
| Contact address: | 1257 ELKO DR<br>SUNNYVALE, CA 94089 |
| Contact country: | US |
| Contact telephone: | 408-747-1769 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | YUNG TSAI YEN |
| Owner/operator address: | 1257 ELKO DR<br>SUNNYVALE, CA 94089 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 408-747-1769 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

**MICRO LITHOGRAPHY INC (Continued)** **1004675421**

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

EMI:

| | |
|---|---|
| Year: | 2011 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 20241 |
| Air District Name: | BA |
| SIC Code: | 7374 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.003 |
| Reactive Organic Gases Tons/Yr: | 0.0025101 |
| Carbon Monoxide Emissions Tons/Yr: | 0.006 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.147 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2012 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 20241 |
| Air District Name: | BA |
| SIC Code: | 7374 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.003 |
| Reactive Organic Gases Tons/Yr: | 0.0025101 |
| Carbon Monoxide Emissions Tons/Yr: | 0.006 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.147 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |

**MICRO LITHOGRAPHY INC (Continued)** **1004675421**

| | |
|---|---|
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2014 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 20241 |
| Air District Name: | BA |
| SIC Code: | 7374 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.00339269 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0.004590084 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.11785337 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.000143551 |
| Particulate Matter Tons/Yr: | 0.000652181 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.000626094 |

| | |
|---|---|
| Year: | 2015 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 20241 |
| Air District Name: | BA |
| SIC Code: | 7374 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.003536623 |
| Reactive Organic Gases Tons/Yr: | 0.00322975 |
| Carbon Monoxide Emissions Tons/Yr: | 0.004784815 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.12285321 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.00014964 |
| Particulate Matter Tons/Yr: | 0.000679851 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.000652655 |

HAZNET:

| | |
|---|---|
| envid: | 1004675421 |
| Year: | 2007 |
| GEPAID: | CAR000072702 |
| Contact: | KEVIN DUONG |
| Telephone: | 4087471709 |
| Mailing Name: | Not reported |
| Mailing Address: | 1257 ELKO DR |
| Mailing City,St,Zip: | SUNNYVALE, CA 94089 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Other organic solids |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.05 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

**MICRO LITHOGRAPHY INC (Continued)** **1004675421**

envid: 1004675421
Year: 2006
GEPAID: CAR000072702
Contact: KEVIN DUONG
Telephone: 4087471709
Mailing Name: Not reported
Mailing Address: 1257 ELKO DR
Mailing City,St,Zip: SUNNYVALE, CA 94089
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Treatment, Incineration
Tons: 0.1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1004675421
Year: 2006
GEPAID: CAR000072702
Contact: KEVIN DUONG
Telephone: 4087471709
Mailing Name: Not reported
Mailing Address: 1257 ELKO DR
Mailing City,St,Zip: SUNNYVALE, CA 94089
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1004675421
Year: 2006
GEPAID: CAR000072702
Contact: KEVIN DUONG
Telephone: 4087471709
Mailing Name: Not reported
Mailing Address: 1257 ELKO DR
Mailing City,St,Zip: SUNNYVALE, CA 94089
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Treatment, Incineration
Tons: 0.12
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1004675421
Year: 2006

**MICRO LITHOGRAPHY INC (Continued)** **1004675421**

| | |
|---|---|
| GEPAID: | CAR000072702 |
| Contact: | KEVIN DUONG |
| Telephone: | 4087471709 |
| Mailing Name: | Not reported |
| Mailing Address: | 1257 ELKO DR |
| Mailing City,St,Zip: | SUNNYVALE, CA 94089 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Other organic solids |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.1 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

Click this hyperlink while viewing on your computer to access
5 additional CA_HAZNET: record(s) in the EDR Site Report.

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**K76** **SERVER FARM REALTY** **CA AST** **A100424388**
**SSW** **5101 LAFAYETTE ST** **N/A**
**1/8-1/4** **SANTA CLARA, CA 95054**
**0.221 mi.**
**1166 ft.** **Site 4 of 4 in cluster K**

**Relative:**
**Higher**

**Actual:**
**13 ft.**

AST:

| | |
|---|---|
| Certified Unified Program Agencies: | Not reported |
| Owner: | Red Sea Group LLC. |
| Total Gallons: | Not reported |
| CERSID: | 10087258 |
| Facility ID: | 43-010-600702 |
| Business Name: | RS Alameda LLC |
| Phone: | 408-496-6868 |
| Fax: | Not reported |
| Mailing Address: | 5101 Lafayette St |
| Mailing Address City: | Santa Clara |
| Mailing Address State: | CA |
| Mailing Address Zip Code: | 95054 |
| Operator Name: | Clayton Ooka |
| Operator Phone: | 408-444-0046 |
| Owner Phone: | 310-563-6295 |
| Owner Mail Address: | 999 N. Sepulveda Blvd. Ste. 600 |
| Owner State: | CA |
| Owner Zip Code: | 90245 |
| Owner Country: | United States |
| Property Owner Name: | Red Sea Group LLC. |
| Property Owner Phone: | 310-563-6295 |
| Property Owner Mailing Address: | 999 N. Sepulveda Blvd. Ste. 600 |
| Property Owner City: | El Segundo |
| Property Owner Stat : | CA |
| Property Owner Zip Code: | 90245 |
| Property Owner Country: | United States |
| EPAID: | Not reported |

**77 NNE 1/8-1/4 0.234 mi. 1233 ft.** | **THE ENCLAVE APARTMENTS**
**4343 RENAISSANCE DR 9**
**SAN JOSE, CA 95134** | **CA SAN JOSE HAZMAT** | **S118648292**
**N/A**

**Relative: Lower**
**Actual: 6 ft.**

SAN JOSE HAZMAT:

| | |
|---|---|
| Region: | SAN JOSE |
| File Num: | 411459 |
| Class: | Auto Wrecking/Misc Simple Facility |

---

**78 WNW 1/8-1/4 0.244 mi. 1289 ft.** | **ALL PURPOSE LANDFILL**
**5401 LAFAYETTE STREET**
**SANTA CLARA, CA 95054** | **CA ENVIROSTOR**
**CA CHMIRS**
**CA HIST CORTESE** | **S100278466**
**N/A**

**Relative: Higher**
**Actual: 9 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 43490056 |
| Status: | Refer: RWQCB |
| Status Date: | 05/08/1989 |
| Site Code: | Not reported |
| Site Type: | Historical |
| Site Type Detailed: | * Historical |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Referred - Not Assigned |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | * Site Char & Assess Grant (CERCLA 104) |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.41169 |
| Longitude: | -121.9697 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | * HOUSEHOLD WASTES * CONTAMINATED SOIL Asbestos Containing Materials (ACM * EMPTY CONTAINERS, LESS THAN 30 GALLONS |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | MISSION TRAILS |
| Alias Type: | Alternate Name |
| Alias Name: | SANTA CLARA LANDFILL |
| Alias Type: | Alternate Name |
| Alias Name: | CAD980637342 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 43490056 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Site Screening |
| Completed Date: | 10/06/1987 |
| Comments: | Site Screening Done: Operator (Mission): Union Carbide, 270 Park |

**ALL PURPOSE LANDFILL (Continued)** **S100278466**

Avenue, NY, NY 10017, (212) 551-4515. Site is adjacent to Santa Clara Landfill.

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | * Discovery |
| Completed Date: | 10/12/1983 |
| Comments: | Records Search: ERRIS. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | * Discovery |
| Completed Date: | 09/24/1981 |
| Comments: | Inactive site identified via Superfund Notification. |

| | |
|---|---|
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

CHMIRS:

| | |
|---|---|
| OES Incident Number: | 120417 |
| OES notification: | Not reported |
| OES Date: | Not reported |
| OES Time: | Not reported |
| **Date Completed:** | **13-NOV-91** |
| Property Use: | 099 |
| Agency Id Number: | 43090 |
| Agency Incident Number: | 915507 |
| Time Notified: | 255 |
| Time Completed: | 755 |
| Surrounding Area: | 931 |
| Estimated Temperature: | 60 |
| Property Management: | C |
| More Than Two Substances Involved?: | N |
| Resp Agncy Personel # Of Decontaminated: | 0 |
| Responding Agency Personel # Of Injuries: | 0 |
| Responding Agency Personel # Of Fatalities: | 0 |
| Others Number Of Decontaminated: | 0 |
| Others Number Of Injuries: | 0 |
| Others Number Of Fatalities: | 0 |
| Vehicle Make/year: | Not reported |
| Vehicle License Number: | Not reported |
| Vehicle State: | Not reported |
| Vehicle Id Number: | Not reported |
| CA DOT PUC/ICC Number: | Not reported |
| Company Name: | Not reported |
| Reporting Officer Name/ID: | DAVID PARKER 15 C-1 |
| Report Date: | 02-DEC-91 |
| Facility Telephone: | 408 984-3084 |
| Waterway Involved: | Not reported |
| Waterway: | Not reported |

**ALL PURPOSE LANDFILL (Continued)** **S100278466**

| | |
|---|---|
| Spill Site: | Not reported |
| Cleanup By: | Not reported |
| Containment: | Not reported |
| What Happened: | Not reported |
| Type: | Not reported |
| Measure: | Not reported |
| Other: | Not reported |
| Date/Time: | Not reported |
| Year: | 88-92 |
| Agency: | Not reported |
| Incident Date: | 13-NOV-91 |
| Admin Agency: | Not reported |
| Amount: | Not reported |
| Contained: | Not reported |
| Site Type: | Not reported |
| E Date: | 18-AUG-92 |
| Substance: | Not reported |
| Unknown: | Not reported |
| Substance #2: | Not reported |
| Substance #3: | Not reported |
| Evacuations: | Not reported |
| Number of Injuries: | Not reported |
| Number of Fatalities: | Not reported |
| #1 Pipeline: | Not reported |
| #2 Pipeline: | Not reported |
| #3 Pipeline: | Not reported |
| #1 Vessel >= 300 Tons: | Not reported |
| #2 Vessel >= 300 Tons: | Not reported |
| #3 Vessel >= 300 Tons: | Not reported |
| Evacs: | Not reported |
| Injuries: | Not reported |
| Fatals: | Not reported |
| Comments: | Y |
| Description: | Not reported |

HIST CORTESE:

| | |
|---|---|
| Region: | CORTESE |
| Facility County Code: | 43 |
| Reg By: | CALSI |
| Reg Id: | 43490056 |

---

**79**
**ENE**
**1/4-1/2**
**0.396 mi.**
**2090 ft.**

**AKASHIC MEMORIES CORPORATION**
**305 W TASMAN**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR** **S105629680**
**CA CHMIRS** **N/A**
**CA EMI**

**Relative:**
**Lower**

**Actual:**
**8 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71003087 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |

**AKASHIC MEMORIES CORPORATION (Continued)** **S105629680**

| | |
|---|---|
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.41201 |
| Longitude: | -121.9577 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAD982497844 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 71003087 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

CHMIRS:

| | |
|---|---|
| OES Incident Number: | 0919 |
| OES notification: | Not reported |
| OES Date: | 11/13/1993 |
| OES Time: | 07:35:00 AM |
| **Date Completed:** | **Not reported** |
| Property Use: | Not reported |
| Agency Id Number: | Not reported |
| Agency Incident Number: | Not reported |
| Time Notified: | Not reported |
| Time Completed: | Not reported |
| Surrounding Area: | Not reported |
| Estimated Temperature: | Not reported |
| Property Management: | Not reported |
| More Than Two Substances Involved?: | Not reported |
| Resp Agncy Personel # Of Decontaminated: | Not reported |
| Responding Agency Personel # Of Injuries: | Not reported |
| Responding Agency Personel # Of Fatalities: | Not reported |

**AKASHIC MEMORIES CORPORATION (Continued)** **S105629680**

| | |
|---|---|
| Others Number Of Decontaminated: | Not reported |
| Others Number Of Injuries: | Not reported |
| Others Number Of Fatalities: | Not reported |
| Vehicle Make/year: | Not reported |
| Vehicle License Number: | Not reported |
| Vehicle State: | Not reported |
| Vehicle Id Number: | Not reported |
| CA DOT PUC/ICC Number: | Not reported |
| Company Name: | Not reported |
| Reporting Officer Name/ID: | Not reported |
| Report Date: | Not reported |
| Facility Telephone: | Not reported |
| Waterway Involved: | YES |
| Waterway: | STORM DRAIN |
| Spill Site: | Not reported |
| Cleanup By: | AKASHIC MEMORIES CO |
| Containment: | Not reported |
| What Happened: | Not reported |
| Type: | CHEMICAL |
| Measure: | Not reported |
| Other: | Not reported |
| Date/Time: | Not reported |
| Year: | 1993 |
| Agency: | AKASHIC MEMORIES CO |
| Incident Date: | 11/13/93 0600 |
| Admin Agency: | Not reported |
| Amount: | 35GALS, 5 GAL IN STORMDRAIN. |
| Contained: | YES |
| Site Type: | PL |
| E Date: | Not reported |
| Substance: | ANTI-FREEZE |
| Unknown: | Not reported |
| Substance #2: | Not reported |
| Substance #3: | Not reported |
| Evacuations: | NO |
| Number of Injuries: | NO |
| Number of Fatalities: | NO |
| #1 Pipeline: | Not reported |
| #2 Pipeline: | Not reported |
| #3 Pipeline: | Not reported |
| #1 Vessel >= 300 Tons: | Not reported |
| #2 Vessel >= 300 Tons: | Not reported |
| #3 Vessel >= 300 Tons: | Not reported |
| Evacs: | Not reported |
| Injuries: | Not reported |
| Fatals: | Not reported |
| Comments: | Not reported |
| Description: | LEAKED FROM AN ELECTRICAL GENERATOR OUTSIDE BLDG. |

EMI:

| | |
|---|---|
| Year: | 1990 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5354 |
| Air District Name: | BA |
| SIC Code: | 3572 |
| Air District Name: | BAY AREA AQMD |

**AKASHIC MEMORIES CORPORATION (Continued)** **S105629680**

| | |
|---|---|
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 22 |
| Reactive Organic Gases Tons/Yr: | 13 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1995 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5354 |
| Air District Name: | BA |
| SIC Code: | 3572 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 18 |
| Reactive Organic Gases Tons/Yr: | 11 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1996 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5354 |
| Air District Name: | BA |
| SIC Code: | 3572 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 18 |
| Reactive Organic Gases Tons/Yr: | 11 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1997 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5354 |
| Air District Name: | BA |
| SIC Code: | 3572 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 25 |
| Reactive Organic Gases Tons/Yr: | 13 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |

**AKASHIC MEMORIES CORPORATION (Continued)** **S105629680**

| | |
|---|---|
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1998 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5354 |
| Air District Name: | BA |
| SIC Code: | 3572 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 24 |
| Reactive Organic Gases Tons/Yr: | 13 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

---

**80**
**NW**
**1/4-1/2**
**0.486 mi.**
**2564 ft.**

**SANTA CLARA GATEWAY**
**GREAT AMERICA WAY & LAFAYETTE**
**SANTA CLARA, CA 95050**

**CA ENVIROSTOR** **S104549167**
**CA VCP** **N/A**
**CA DEED**

**Relative:**
**Lower**

**Actual:**
**8 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 43290008 |
| Status: | Certified / Operation & Maintenance |
| Status Date: | 11/26/2003 |
| Site Code: | 201317 |
| Site Type: | Voluntary Cleanup |
| Site Type Detailed: | Voluntary Cleanup |
| Acres: | 40 |
| NPL: | NO |
| Regulatory Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Program Manager: | Claude Jemison |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Voluntary Cleanup Program |
| Restricted Use: | YES |
| Site Mgmt Req: | DAY, HOS, SCH, RES, DAY, HOS, SCH, RES |
| Funding: | Responsible Party |
| Latitude: | 37.41640 |
| Longitude: | -121.9743 |
| APN: | 104-01-057, 104-01-095, 104-01-098, 104-01-099, 104-01-101, 104-01-104<br>Not reported |
| Past Use: | MANUFACTURED GAS PLANT |
| Potential COC: | Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL |
| Confirmed COC: | Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL |
| Potential Description: | SOIL |
| Alias Name: | SANTA CLARA GATEWAY/ALL PURPOSE LANDFILL |

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Alias Type: Alternate Name
Alias Name: YERBA BUENA WAY
Alias Type: Alternate Name
Alias Name: 104-01-057
Alias Type: APN
Alias Name: 104-01-095
Alias Type: APN
Alias Name: 104-01-098
Alias Type: APN
Alias Name: 104-01-099
Alias Type: APN
Alias Name: 104-01-101
Alias Type: APN
Alias Name: 104-01-104
Alias Type: APN
Alias Name: 110033620981
Alias Type: EPA (FRS #)
Alias Name: 201317
Alias Type: Project Code (Site Code)
Alias Name: 43290008
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/19/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/19/2000
Comments: VCA - Signed Voluntary Cleanup Agreement (VCA) with the City of Santa Clara for the investigation and remediation of PAHs at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/27/2007
Comments: No problems noted during the inspection.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/15/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/25/2008

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Comments: The roadway and cell area are in good condition. However, a section of the fence was damaged.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/24/2013
Comments: A letter notifying RP/owner of DTSC oversight cost estimates.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/03/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/16/2009
Comments: The Yerba Buena Way roadway was observed to be in good condition and well maintained, with no evidence of pavement disturbance. Additionally, the containment cell was well-vegetated and there was no ponded water, erosion, spalling or large cracks or holes observed. There was no evidence of any activities or conditions prohibited by the Deed Restriction in either the containment cell area or on Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 11/20/2003
Comments: Deed Restrictions recorded. The total restricted area is proximately 3/4 of an acre.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 11/20/2003
Comments: Deed Restrictions recorded. The total restricted area is proximately 3.5 acres.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/16/2011

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 11/10/2003
Comments: OMA - Operation and Maintenance Agreement approved, which requires operation and maintenance of the Consolidation Cell and Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 05/30/2001
Comments: Approval of Initial Study and Negative Declaration along with the RAP. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/26/2003
Comments: Site Certification as cleaned up.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 09/30/2010
Comments: The Yerba Buena Way roadway was observed to be in good condition and well maintained, with no evidence of pavement disturbance. Additionally, the containment cell was well-vegetated and there was no ponded water, erosion, spalling or large cracks or holes observed. There was no evidence of any activities or conditions prohibited by the Deed Restriction in either the containment cell area or on Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/13/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 04/17/2001
Comments: RIFS - Remedial Investigation/Feasibility Study approved. Investigations identified buried layers of black material, apparently derived from prior charcoal manufacturing activities. Samples of this material indicate the presence of polycyclic aromatic hydrocarbons (PAHs). Petroleum hydrocarbon-impacted soil was encountered underneath and surrounding a maintenance building and the existing garage. Groundwater samples have shown contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 01/21/2010

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Comments: The Department of Toxic Substances Control (DTSC) has reviewed the Five-Year Review Yerba Buena Way. The Five Year Review is hereby approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 08/05/2003
Comments: O&M PLAN approved for operation and maintenance activities at both, the Consolidation Cell and Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/13/2001
Comments: DES - Remedial Design and Implementation Plan approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 08/05/2003
Comments: RMDL - Remedial Action approved. Approximately 15,636 cubic yards of polycyclic aromatic hydrocarbons (PAHs)-impacted material was placed in the consolidation cell and capped with a minimum of 2 feet of clean soil, and approximately 16,247 cubic yards of PAHs-impacted material, along with approximately 3,860 cubic yards of petroleum hydrocarbon-impacted soil, was excavated and removed offsite. Yerba Buena Way contained PAHs-impacted material. The Yerba Buena Way and the consolidation cell required deed restrictions and operation and maintenance. An Operation and Maintenance Plan was approved for the Consolidation Cell and Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 05/30/2001
Comments: RAP - Remedial Action Plan (RAP) approved for the remediation of the Santa Clara Gateway. The RAP required excavation and on-site consolidation and capping of the PAH-contaminated soil and excavation and off-site disposal of petroleum hydrocarbon-contaminated soil. The capped area will be deed restricted to prevent uncontrolled access

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/03/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/11/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Date: 01/24/2007
Comments: No problems noted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/04/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/17/2001
Comments: Fact Sheet issued announcing the start of the public comment period for the draft RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/16/2001
Comments: Copy of the Public Notice announcing the start of the public comment period for the draft RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/18/2003
Comments: Press Release issued announcing certification of the project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 03/01/2001
Comments: Final Public participation plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/27/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 02/18/2015
Comments: DTSC concurred with the conclusion of the Five-Year Review that the selected remedial action remains protective of human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Document Type: Operations and Maintenance Report
Completed Date: 04/13/2012
Comments: The City of Santa Clara submitted its Annual Summary Report for 2011 that documents the results of a visual inspection of the consolidation cell cap surface. DTSC approved the Report and recommended that a checklist be included in next year's inspection report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/29/2012
Comments: The results of the inspection noted that the consolidated cell cap and the Yerba Buena Way cap surfaces were in very good condition with no visible cracks or deterioration that would allow surface water to penetrate through the cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/11/2014
Comments: The City of Santa Clara performed a cap inspection on February 18, 2014 in accordance with the Operations and Maintenance Plan. The inspection noted that, with the exception of the west end, the consolidation cell cap is in very good condition with few visible cracks or deterioration that would allow surface to penetrate through the cap. The west end of the consolidation cell is being reconstructed to be within the property boundaries. The Yerba Buena Way (now Great American Parkway) cap surfaces were in satisfactory condition.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 12/20/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 12/31/2013
Comments: Notification was provided to DTSC that soil is to be removed from an approximately 25-feet long by 60-feet wide area at the western end of the consolidation cell where polycyclic aromatic hydrocarbon-impacted soil was placed in September 2001. DTSC approved the work proceeding and approved the Soil Management Plan and Health and Safety Plan that were submitted with the notification.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 05/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Date: 03/02/2015
Comments: The report presents a summary of the removal of 1,557 tons of impacted soil from a portion of a consolidation cell that was inadvertently constructed on Parcel 3 (most of the consolidation cell is situated on Parcel 3 Remainder).The excavated soil was disposed at a permitted Class II landfill.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/29/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/02/2017
Comments: City of Santa Clara staff performed an inspection of the capped areas of the site on January 30, 2017 and submitted an annual summary report documenting the inspection. No damage to or deterioration of the capped areas were observed and the cap was found to be in satisfactory condition. Based on the annual summary report, DTSC concluded site is in compliance with the Land Use Covenant and the Operation and Maintenance Agreement.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2019
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 04/30/2018
Schedule Revised Date: Not reported

VCP:
Facility ID: 43290008
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: DAY, HOS, SCH, RES, DAY, HOS, SCH, RES
Acres: 40
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 201317
Assembly: 25
Senate: 10
Special Programs Code: Voluntary Cleanup Program
Status: Certified / Operation & Maintenance

**SANTA CLARA GATEWAY (Continued)** **S104549167**

| | |
|---|---|
| Status Date: | 11/26/2003 |
| Restricted Use: | YES |
| Funding: | Responsible Party |
| Lat/Long: | 37.41640 / -121.9743 |
| APN: | 104-01-057, 104-01-095, 104-01-098, 104-01-099, 104-01-101, 104-01-104 |
| | Not reported |
| Past Use: | MANUFACTURED GAS PLANT |
| Potential COC: | 30019, 30024, 30025, 3002502 |
| Confirmed COC: | 30019,30024,30025,3002502 |
| Potential Description: | SOIL |
| Alias Name: | SANTA CLARA GATEWAY/ALL PURPOSE LANDFILL |
| Alias Type: | Alternate Name |
| Alias Name: | YERBA BUENA WAY |
| Alias Type: | Alternate Name |
| Alias Name: | 104-01-057 |
| Alias Type: | APN |
| Alias Name: | 104-01-095 |
| Alias Type: | APN |
| Alias Name: | 104-01-098 |
| Alias Type: | APN |
| Alias Name: | 104-01-099 |
| Alias Type: | APN |
| Alias Name: | 104-01-101 |
| Alias Type: | APN |
| Alias Name: | 104-01-104 |
| Alias Type: | APN |
| Alias Name: | 110033620981 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201317 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 43290008 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Annual Oversight Cost Estimate |
| Completed Date: | 09/19/2017 |
| Comments: | Not reported |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Voluntary Cleanup Agreement |
| Completed Date: | 05/19/2000 |
| Comments: | VCA - Signed Voluntary Cleanup Agreement (VCA) with the City of Santa Clara for the investigation and remediation of PAHs at the site. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Land Use Restriction - Site Inspection/Visit |
| Completed Date: | 04/27/2007 |
| Comments: | No problems noted during the inspection. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Annual Oversight Cost Estimate |
| Completed Date: | 12/15/2011 |
| Comments: | Not reported |

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/25/2008
Comments: The roadway and cell area are in good condition. However, a section of the fence was damaged.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/24/2013
Comments: A letter notifying RP/owner of DTSC oversight cost estimates.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/03/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/16/2009
Comments: The Yerba Buena Way roadway was observed to be in good condition and well maintained, with no evidence of pavement disturbance. Additionally, the containment cell was well-vegetated and there was no ponded water, erosion, spalling or large cracks or holes observed. There was no evidence of any activities or conditions prohibited by the Deed Restriction in either the containment cell area or on Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 11/20/2003
Comments: Deed Restrictions recorded. The total restricted area is proximately 3/4 of an acre.

Completed Area Name: PROJECT WIDE

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 11/20/2003
Comments: Deed Restrictions recorded. The total restricted area is proximately 3.5 acres.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/16/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 11/10/2003
Comments: OMA - Operation and Maintenance Agreement approved, which requires operation and maintenance of the Consolidation Cell and Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 05/30/2001
Comments: Approval of Initial Study and Negative Declaration along with the RAP. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/26/2003
Comments: Site Certification as cleaned up.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 09/30/2010
Comments: The Yerba Buena Way roadway was observed to be in good condition and well maintained, with no evidence of pavement disturbance. Additionally, the containment cell was well-vegetated and there was no ponded water, erosion, spalling or large cracks or holes observed. There was no evidence of any activities or conditions prohibited by the Deed Restriction in either the containment cell area or on Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/13/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 04/17/2001
Comments: RIFS - Remedial Investigation/Feasibility Study approved. Investigations identified buried layers of black material, apparently

**SANTA CLARA GATEWAY (Continued)** **S104549167**

derived from prior charcoal manufacturing activities. Samples of this material indicate the presence of polycyclic aromatic hydrocarbons (PAHs). Petroleum hydrocarbon-impacted soil was encountered underneath and surrounding a maintenance building and the existing garage. Groundwater samples have shown contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 01/21/2010
Comments: The Department of Toxic Substances Control (DTSC) has reviewed the Five-Year Review Yerba Buena Way. The Five Year Review is hereby approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 08/05/2003
Comments: O&M PLAN approved for operation and maintenance activities at both, the Consolidation Cell and Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/13/2001
Comments: DES - Remedial Design and Implementation Plan approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 08/05/2003
Comments: RMDL - Remedial Action approved. Approximately 15,636 cubic yards of polycyclic aromatic hydrocarbons (PAHs)-impacted material was placed in the consolidation cell and capped with a minimum of 2 feet of clean soil, and approximately 16,247 cubic yards of PAHs-impacted material, along with approximately 3,860 cubic yards of petroleum hydrocarbon-impacted soil, was excavated and removed offsite. Yerba Buena Way contained PAHs-impacted material. The Yerba Buena Way and the consolidation cell required deed restrictions and operation and maintenance. An Operation and Maintenance Plan was approved for the Consolidation Cell and Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 05/30/2001
Comments: RAP - Remedial Action Plan (RAP) approved for the remediation of the Santa Clara Gateway. The RAP required excavation and on-site consolidation and capping of the PAH-contaminated soil and excavation and off-site disposal of petroleum hydrocarbon-contaminated soil. The capped area will be deed restricted to prevent uncontrolled access

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/03/2006
Comments: Not reported

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/11/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/24/2007
Comments: No problems noted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/04/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/17/2001
Comments: Fact Sheet issued announcing the start of the public comment period for the draft RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/16/2001
Comments: Copy of the Public Notice announcing the start of the public comment period for the draft RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/18/2003
Comments: Press Release issued announcing certification of the project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 03/01/2001
Comments: Final Public participation plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/27/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 02/18/2015
Comments: DTSC concurred with the conclusion of the Five-Year Review that the selected remedial action remains protective of human health and the environment.

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/13/2012
Comments: The City of Santa Clara submitted its Annual Summary Report for 2011 that documents the results of a visual inspection of the consolidation cell cap surface. DTSC approved the Report and recommended that a checklist be included in next year's inspection report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/29/2012
Comments: The results of the inspection noted that the consolidated cell cap and the Yerba Buena Way cap surfaces were in very good condition with no visible cracks or deterioration that would allow surface water to penetrate through the cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/11/2014
Comments: The City of Santa Clara performed a cap inspection on February 18, 2014 in accordance with the Operations and Maintenance Plan. The inspection noted that, with the exception of the west end, the consolidation cell cap is in very good condition with few visible cracks or deterioration that would allow surface to penetrate through the cap. The west end of the consolidation cell is being reconstructed to be within the property boundaries. The Yerba Buena Way (now Great American Parkway) cap surfaces were in satisfactory condition.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 12/20/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 12/31/2013
Comments: Notification was provided to DTSC that soil is to be removed from an approximately 25-feet long by 60-feet wide area at the western end of the consolidation cell where polycyclic aromatic hydrocarbon-impacted soil was placed in September 2001. DTSC approved the work proceeding and approved the Soil Management Plan and Health and Safety Plan that were submitted with the notification.

Completed Area Name: PROJECT WIDE

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 05/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/02/2015
Comments: The report presents a summary of the removal of 1,557 tons of impacted soil from a portion of a consolidation cell that was inadvertently constructed on Parcel 3 (most of the consolidation cell is situated on Parcel 3 Remainder).The excavated soil was disposed at a permitted Class II landfill.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/29/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/02/2017
Comments: City of Santa Clara staff performed an inspection of the capped areas of the site on January 30, 2017 and submitted an annual summary report documenting the inspection. No damage to or deterioration of the capped areas were observed and the cap was found to be in satisfactory condition. Based on the annual summary report, DTSC concluded site is in compliance with the Land Use Covenant and the Operation and Maintenance Agreement.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2019
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 04/30/2018
Schedule Revised Date: Not reported

DEED:
Envirostor ID: 43290008
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 11/20/2003
File Name: Envirostor Land Use Restrictions

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Envirostor ID: 43290008
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 11/20/2003
File Name: Envirostor Land Use Restrictions

---

**81**
**ESE**
**1/4-1/2**
**0.495 mi.**
**2616 ft.**

**ULISTAC NATURAL AREA**
**TASMAN AT LICK MILL BLVD**
**SANTA CLARA, CA 95054**

**CA CPS-SLIC** **S106483669**
**CA CERS** **N/A**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

CPS-SLIC:
Region: STATE
**Facility Status: Open - Inactive**
Status Date: 07/31/2014
Global Id: SL0608513780
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.406896932858
Longitude: -121.956694721704
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 2188.07
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected: Sediments
Potential Contaminants of Concern: DDD / DDE / DDT
Site History: Wetland mitigation project with some pesticide affected soil.

Click here to access the California GeoTracker records for this facility:

CERS TANKS:
Site ID: 231468
CERS ID: SL0608513780
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

**82 ENE 1/2-1 0.522 mi. 2756 ft.**

**SUPERTEX**
**71 VISTA MONTANA**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR**
**CA VCP**
**CA WDS**

**1005452253**
**N/A**

**Relative: Higher**

**Actual: 10 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 60000591 |
| Status: | Inactive - Action Required |
| Status Date: | 08/01/2008 |
| Site Code: | 201738 |
| Site Type: | Voluntary Cleanup |
| Site Type Detailed: | Voluntary Cleanup |
| Acres: | 4.21 |
| NPL: | NO |
| Regulatory Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Program Manager: | Not reported |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Responsible Party |
| Latitude: | 37.41351 |
| Longitude: | -121.9565 |
| APN: | 097-52-027 |
| Past Use: | AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS |
| Potential COC: | Arsenic DDD DDE DDT Dieldrin |
| Confirmed COC: | 30207-NO 30001-NO 30006-NO 30007-NO 30008-NO |
| Potential Description: | SOIL |
| Alias Name: | 097-52-027 |
| Alias Type: | APN |
| Alias Name: | 110000770979 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 110033612972 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201738 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 60000591 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Correspondence |
| Completed Date: | 02/18/2016 |
| Comments: | The County of Santa Clara Hazardous Materials Compliance Division acknowledged receiving the final closure package for the Permit by Rule unit at the Supertex facility, and concluded the treatment operation was closed as of February 9, 2016 and is no longer subject to the operating standards of Permit by Rule. |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |

**SUPERTEX (Continued)** **1005452253**

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Facility ID: 71003060
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.41354
Longitude: -121.9565
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982471534
Alias Type: EPA Identification Number
Alias Name: 110000770979
Alias Type: EPA (FRS #)
Alias Name: 71003060
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 60000591

**SUPERTEX (Continued)** **1005452253**

| | |
|---|---|
| Site Type: | Voluntary Cleanup |
| Site Type Detail: | Voluntary Cleanup |
| Site Mgmt. Req.: | NONE SPECIFIED |
| Acres: | 4.21 |
| National Priorities List: | NO |
| Cleanup Oversight Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Lead Agency Description: | DTSC - Site Cleanup Program |
| Project Manager: | Not reported |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Site Code: | 201738 |
| Assembly: | 25 |
| Senate: | 10 |
| Special Programs Code: | Not reported |
| Status: | Inactive - Action Required |
| Status Date: | 08/01/2008 |
| Restricted Use: | NO |
| Funding: | Responsible Party |
| Lat/Long: | 37.41351 / -121.9565 |
| APN: | 097-52-027 |
| Past Use: | AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS |
| Potential COC: | 30001, 30006, 30007, 30008, 30207 |
| Confirmed COC: | 30207-NO,30001-NO,30006-NO,30007-NO,30008-NO |
| Potential Description: | SOIL |
| Alias Name: | 097-52-027 |
| Alias Type: | APN |
| Alias Name: | 110000770979 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 110033612972 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201738 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 60000591 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Correspondence |
| Completed Date: | 02/18/2016 |
| Comments: | The County of Santa Clara Hazardous Materials Compliance Division acknowledged receiving the final closure package for the Permit by Rule unit at the Supertex facility, and concluded the treatment operation was closed as of February 9, 2016 and is no longer subject to the operating standards of Permit by Rule. |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

**SUPERTEX (Continued)** **1005452253**

WDS:

| | |
|---|---|
| Facility ID: | San Francisco Bay 43I015071 |
| Facility Type: | Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping. |
| Facility Status: | Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. |
| NPDES Number: | CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board |
| Subregion: | 2 |
| Facility Telephone: | 4082228888 |
| Facility Contact: | ANH DO |
| Agency Name: | SUPERTEX INC |
| Agency Address: | 1235 Bordeaux Dr |
| Agency City,St,Zip: | Sunnyvale 940891203 |
| Agency Contact: | ANH DO |
| Agency Telephone: | 4082228888 |
| Agency Type: | Private |
| SIC Code: | 0 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Not reported |
| Primary Waste: | Not reported |
| Waste Type2: | Not reported |
| Waste2: | Not reported |
| Primary Waste Type: | Not reported |
| Secondary Waste: | Not reported |
| Secondary Waste Type: | Not reported |
| Design Flow: | 0 |
| Baseline Flow: | 0 |
| Reclamation: | Not reported |
| POTW: | Not reported |
| Treat To Water: | Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality. |
| Complexity: | Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds. |

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**83** **GIANERA 2 - HABITAT FOR HUMANITY SILICON VALLEY** **CA ENVIROSTOR** **S110275520**
**South** **2261 - 2285 GIANERA STREET** **CA VCP** **N/A**
**1/2-1** **SANTA CLARA, CA 95054**
**0.612 mi.**
**3231 ft.**

**Relative:**
**Higher**

**Actual:**
**16 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 60001273 |
| Status: | Certified |
| Status Date: | 03/30/2011 |

**GIANERA 2 - HABITAT FOR HUMANITY SILICON VALLEY (Continued)** **S110275520**

| | |
|---|---|
| Site Code: | 201878 |
| Site Type: | Voluntary Cleanup |
| Site Type Detailed: | Voluntary Cleanup |
| Acres: | 0.33 |
| NPL: | NO |
| Regulatory Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Program Manager: | Henry Chui |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Responsible Party |
| Latitude: | 37.40115 |
| Longitude: | -121.9651 |
| APN: | NONE SPECIFIED |
| Past Use: | UNKNOWN |
| Potential COC: | Lead |
| Confirmed COC: | Lead |
| Potential Description: | SOIL |
| Alias Name: | 201878 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 60001273 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | CEQA - Notice of Exemption |
| Completed Date: | 10/26/2010 |
| Comments: | Not reported |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Site Characterization Report |
| Completed Date: | 06/29/2010 |
| Comments: | Not reported |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Removal Action Workplan |
| Completed Date: | 11/03/2010 |
| Comments: | DTSC approved the final RAW. The cleanup will involve excavation of 200 to 300 cubic yards for lead-contaminated soil from landscaped areas around four single-family homes and a two-story condominium building that are currently on the site. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Fact Sheets |
| Completed Date: | 09/16/2010 |
| Comments: | The Gianera Removal Action Worlplan was public notice on September 22, 2010 and was sent to the San Jose Press Democrat on September 16, 2010. The public comment period will run from September 22 through October 22, 2010. |

**GIANERA 2 - HABITAT FOR HUMANITY SILICON VALLEY (Continued)** **S110275520**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/16/2010
Comments: The Gianera Removal Action Worlplan was public notice on September 22, 2010 and was sent to the San Jose Press Democrat on September 16, 2010. The public comment period will run from September 22 through October 22, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/15/2010
Comments: The field work for the removal of lead contaminated soil begun on December 15 and ie expected to last 1 week.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 11/15/2010
Comments: The Gianera Work Notice has been completed to annouce the start of the RAW implementation to remove lead contaminated soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/22/2011
Comments: Final Completion Report documents the remedial activities that were conducted under the approved Removal Action Workplan. Approxametaly 123 tons of lead contaminated soil was excavated. Confirmation samples showed they met the cleanup goal of 80 mg/kg for unrestricted use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 05/11/2010
Comments: DTSC approved the supplemental soil investigation work plan to characterize the vertial extent of the lead contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 07/30/2010
Comments: The community profile for Gianera Habitat for Humanity was completed in July 2010 after community survey was sent to the surrounding community.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/06/2010
Comments: This is a Voluntary Cleanup Agreement between the Department and Habitat for Humanity, Silicon Valley for the investigation and cleanup of lead contamination for residential use.

Completed Area Name: PROJECT WIDE

**GIANERA 2 - HABITAT FOR HUMANITY SILICON VALLEY (Continued)** **S110275520**

Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/30/2011
Comments: The certification report that all remedial activities have been completed as outline in the approved Remedial Action Workplan. The lead contaminated soil in the exposed areas have been removed to unresticted use and backfilled with cleanup imported materials.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 60001273
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.33
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Henry Chui
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 201878
Assembly: 25
Senate: 10
Special Programs Code: Not reported
Status: Certified
Status Date: 03/30/2011
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.40115 / -121.9651
APN: NONE SPECIFIED
Past Use: UNKNOWN
Potential COC: 30013
Confirmed COC: 30013
Potential Description: SOIL
Alias Name: 201878
Alias Type: Project Code (Site Code)
Alias Name: 60001273
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 10/26/2010
Comments: Not reported

**GIANERA 2 - HABITAT FOR HUMANITY SILICON VALLEY (Continued)** **S110275520**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/03/2010
Comments: DTSC approved the final RAW. The cleanup will involve excavation of 200 to 300 cubic yards for lead-contaminated soil from landscaped areas around four single-family homes and a two-story condominium building that are currently on the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/16/2010
Comments: The Gianera Removal Action Worlplan was public notice on September 22, 2010 and was sent to the San Jose Press Democrat on September 16, 2010. The public comment period will run from September 22 through October 22, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/16/2010
Comments: The Gianera Removal Action Worlplan was public notice on September 22, 2010 and was sent to the San Jose Press Democrat on September 16, 2010. The public comment period will run from September 22 through October 22, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/15/2010
Comments: The field work for the removal of lead contaminated soil begun on December 15 and ie expected to last 1 week.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 11/15/2010
Comments: The Gianera Work Notice has been completed to annouce the start of the RAW implementation to remove lead contaminated soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/22/2011
Comments: Final Completion Report documents the remedial activities that were conducted under the approved Removal Action Workplan. Approxametaly 123 tons of lead contaminated soil was excavated. Confirmation samples showed they met the cleanup goal of 80 mg/kg for unrestricted use.

**GIANERA 2 - HABITAT FOR HUMANITY SILICON VALLEY (Continued)** **S110275520**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 05/11/2010
Comments: DTSC approved the supplemental soil investigation work plan to characterize the vertial extent of the lead contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 07/30/2010
Comments: The community profile for Gianera Habitat for Humanity was completed in July 2010 after community survey was sent to the surrounding community.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/06/2010
Comments: This is a Voluntary Cleanup Agreement between the Department and Habitat for Humanity, Silicon Valley for the investigation and cleanup of lead contamination for residential use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/30/2011
Comments: The certification report that all remedial activities have been completed as outline in the approved Remedial Action Workplan. The lead contaminated soil in the exposed areas have been removed to unresticted use and backfilled with cleanup imported materials.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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**84**
**South**
**1/2-1**
**0.628 mi.**
**3316 ft.**

**HOGAN DRIVE PROPERTY** **CA ENVIROSTOR** **S108054464**
**HOGAN DRIVE AND LAFAYETTE STREET** **CA VCP** **N/A**
**SANTA CLARA, CA 95054**

**Relative:**
**Higher**

**Actual:**
**18 ft.**

ENVIROSTOR:
Facility ID: 60000397
Status: No Further Action
Status Date: 02/09/2011
Site Code: 201675
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 2.8
NPL: NO
Regulatory Agencies: SMBRP

**HOGAN DRIVE PROPERTY (Continued)** **S108054464**

| | |
|---|---|
| Lead Agency: | SMBRP |
| Program Manager: | Denise Tsuji |
| Supervisor: | Denise Tsuji |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Voluntary Cleanup Program |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Responsible Party |
| Latitude: | 37.401 |
| Longitude: | -121.962 |
| APN: | 097-17-128 |
| Past Use: | DRY CLEANING |
| Potential COC: | Tetrachloroethylene (PCE |
| Confirmed COC: | Tetrachloroethylene (PCE |
| Potential Description: | OTH, SOIL |
| Alias Name: | 097-17-128 |
| Alias Type: | APN |
| Alias Name: | 110033614907 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201675 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 60000397 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Voluntary Cleanup Agreement |
| Completed Date: | 12/01/2006 |
| Comments: | Not reported |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Site Characterization Workplan |
| Completed Date: | 02/28/2007 |
| Comments: | See SAP and Pilot Study Approval letter, |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Technical Workplan |
| Completed Date: | 02/28/2007 |
| Comments: | Not reported |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Fieldwork |
| Completed Date: | 07/15/2007 |
| Comments: | Final soil gas sampling lab data received 7/9/2007. |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Other Report |
| Completed Date: | 06/15/2007 |
| Comments: | Raw data from post injection GW sampling submitted. Second round of soil vapor sampling to occur June 28. |

**HOGAN DRIVE PROPERTY (Continued)** **S108054464**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 10/18/2007
Comments: Approved with modifications workplan for additional soil, soil vapor, and ground water sampling north and east of former dry cleaner location and along utility corridor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/31/2007
Comments: Field work to collected soil, soil vapor, and GW data on Snead, north of the site completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/28/2008
Comments: No action required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 01/03/2008
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 60000397
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.8
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Denise Tsuji
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Site Code: 201675
Assembly: 25
Senate: 10
Special Programs Code: Voluntary Cleanup Program
Status: No Further Action
Status Date: 02/09/2011
Restricted Use: NO

**HOGAN DRIVE PROPERTY (Continued)** **S108054464**

| | |
|---|---|
| Funding: | Responsible Party |
| Lat/Long: | 37.401 / -121.962 |
| APN: | 097-17-128 |
| Past Use: | DRY CLEANING |
| Potential COC: | 30022 |
| Confirmed COC: | 30022 |
| Potential Description: | OTH, SOIL |
| Alias Name: | 097-17-128 |
| Alias Type: | APN |
| Alias Name: | 110033614907 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201675 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 60000397 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Voluntary Cleanup Agreement |
| Completed Date: | 12/01/2006 |
| Comments: | Not reported |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Site Characterization Workplan |
| Completed Date: | 02/28/2007 |
| Comments: | See SAP and Pilot Study Approval letter, |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Technical Workplan |
| Completed Date: | 02/28/2007 |
| Comments: | Not reported |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Fieldwork |
| Completed Date: | 07/15/2007 |
| Comments: | Final soil gas sampling lab data received 7/9/2007. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Other Report |
| Completed Date: | 06/15/2007 |
| Comments: | Raw data from post injection GW sampling submitted. Second round of soil vapor sampling to occur June 28. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Remedial Investigation Workplan |
| Completed Date: | 10/18/2007 |
| Comments: | Approved with modifications workplan for additional soil, soil vapor, and ground water sampling north and east of former dry cleaner location and along utility corridor. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |

**HOGAN DRIVE PROPERTY (Continued)** **S108054464**

| | |
|---|---|
| Completed Document Type: | Fieldwork |
| Completed Date: | 10/31/2007 |
| Comments: | Field work to collected soil, soil vapor, and GW data on Snead, north of the site completed. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Other Report |
| Completed Date: | 02/28/2008 |
| Comments: | No action required |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Risk Assessment Report |
| Completed Date: | 01/03/2008 |
| Comments: | Not reported |

| | |
|---|---|
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

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**85**
**ENE**
**1/2-1**
**0.653 mi.**
**3450 ft.**

**VISTA MONTANA PARK**
**4145 N. 1ST STREET**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR** **S107737581**
**CA VCP** **N/A**
**CA DEED**
**CA SAN JOSE HAZMAT**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 60000294 |
| Status: | Active |
| Status Date: | 09/11/2006 |
| Site Code: | 202049 |
| Site Type: | Voluntary Cleanup |
| Site Type Detailed: | Voluntary Cleanup |
| Acres: | 20.75 |
| NPL: | NO |
| Regulatory Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Program Manager: | Jovanne Villamater |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Voluntary Cleanup Program |
| Restricted Use: | YES |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Responsible Party |
| Latitude: | 37.41475 |
| Longitude: | -121.9552 |
| APN: | 097-52-013, 097-52-028, 097-52-029, 097-52-041, 097-52-042, 097-53-015, 09752013, 09752028, 09752029, 09753015 |
| Past Use: | AGRICULTURAL - ORCHARD |

**VISTA MONTANA PARK (Continued)** **S107737581**

Potential COC: Arsenic DDT Lead
Confirmed COC: 30001-NO 30008-NO 30013-NO
Potential Description: SOIL
Alias Name: 097-52-013
Alias Type: APN
Alias Name: 097-52-028
Alias Type: APN
Alias Name: 097-52-029
Alias Type: APN
Alias Name: 097-52-041
Alias Type: APN
Alias Name: 097-52-042
Alias Type: APN
Alias Name: 097-53-015
Alias Type: APN
Alias Name: 09752013
Alias Type: APN
Alias Name: 09752028
Alias Type: APN
Alias Name: 09752029
Alias Type: APN
Alias Name: 09753015
Alias Type: APN
Alias Name: 110033614346
Alias Type: EPA (FRS #)
Alias Name: 201657
Alias Type: Project Code (Site Code)
Alias Name: 202049
Alias Type: Project Code (Site Code)
Alias Name: 60000294
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 03/04/2011
Comments: Demand Letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 05/09/2008
Comments: Notice of Determination and Statement of Findings signed with Final RAW approval on 5/9/2008; sent to OEARA for filing.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/03/2015
Comments: A Land Use Covenant that restricts land use and activities on Parcel C was recorded with Santa Clara County Recorder on 09-03-2015. The Land Use Covenant prohibits sensitive land uses (i.e. residences, hospital, day care, and school for persons under age 18) on Parcel C. Activities that disturb soil below the site cover/cap are required to performed in accordance with a DTSC-approved Soil Management Plan. A public park has been constructed and is expected to remain on the parcel.

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 08/28/2015
Comments: The Operation and Maintenance Agreement for Parcel C was fully executed on August 28, 2015. The Agreement is between DTSC, the City of San Jose, and Equity Residential. Both parties are responsible for implementing operation and maintenance activities for the cap at Parcel C, where a public park has been constructed.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/15/2015
Comments: DTSC certified the completion of the removal action at the Parcel C Operable Unit. Parcel C has been developed into a public park. A clean cap of varying thickness and materials (depending on use within the park) spans the entire parcel to prevent human contact with soil containing elevated levels of arsenic. Operation and maintenance to preserve the cap integrity will be implemented under an Operation and Maintenance Agreement between the City of San Jose, Equity Residential (developer), and DTSC. A Land Use Covenant restricting sensitive uses on Parcel C was recorded with the Santa Clara County Assessors Office on 09/03/2015.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Certification
Completed Date: 09/21/2017
Comments: Not reported

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2017
Comments: DTSC oversight cost estimate for fiscal year 2017/2018 (July 1, 2017 - June 30, 2018)

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2017
Comments: DTSC oversight cost estimate for fiscal year 2017/2018 (July 1, 2017 - June 30, 2018)

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 10/25/2013
Comments: The City of San Jose is the lead CEQA agency for the cleanup and development project at the Site. The City prepared and approved an EIR and two addenda to the EIR for the project. Based the evaluation in the Responsible Agency checklist, DTSC concurred with the City's findings in its CEQA documents pertaining to the remedy modification made through the Explanation of Significant Differences.

Completed Area Name: PROJECT WIDE

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/31/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/28/2006
Comments: Site investigations indicated that shallow soil is impacted from historical pesticide use. Arsenic concentrations were observed to be elevated. Other pesticide-associated COCs were detected at concentrations below human health screening levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/09/2008
Comments: DTSC approved Final RAW on 5/9/2008.

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/01/2012
Comments: Earth-moving activities completed at site; construction of on-site buildings and installation of hardscape cap to commence in Fall 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/26/2006
Comments: Site characterization approved. Site investigations indicated that shallow soil is impacted from historical pesticide use. Arsenic determined to be primary contaminant of concern at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 03/22/2007
Comments: Community profile approved. Survey indicated low community interest in site cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/17/2006
Comments: Letter acknowledges that project concept of residential development above ground-level parking with capped arsenic-impacted soils is generally feasible with identified controls and in the context of Department precedents. Letter refers project proponents to DTSC Sensitive Uses Policy Memo.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/12/2007
Comments: Public comment period set to begin 10/18/2007.

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/12/2007
Comments: Public comment period set to begin 10/18/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 05/09/2008
Comments: RAW finalized on 5-9-2008; O&M Plan is Appendix G of RAW. O&M Agreement to be drafted when construction commences.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/08/2011
Comments: Fact Sheet/Work Notice sent out to mailing list providing notification of fieldwork for Removal Action Workplan implementation to begin on July 18, 2011.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/03/2014
Comments: Site construction activities and the capping of Parcel C were completed.

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/11/2016
Comments: Not reported

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/24/2015
Comments: Not reported

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan w/ESD
Completed Date: 10/25/2013
Comments: The Explanation of Significant Differences details a modification of the remedy selected in the Final Removal Action Work Plan previously approved by DTSC due to the addition of a subterranean parking garage to the design of the residential redevelopment project at Parcels B1 and B2. Consolidation of impacted soil and the construction of a cap were selected for Parcels B1 and B2 in the Final Removal Work Plan. The ESD modifies the actions to be taken on Parcels B1 and B2 to excavation and off-site disposal of impacted soil along with the construction of a cap over impacted soils to remain in some areas at Parcels B1 and B2.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Document Type: Public Notice
Completed Date: 11/20/2013
Comments: Public Notice published in San Jose Mercury News (English) and El Observador (Spanish).

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/25/2013
Comments: The Work Notice announces the start of the fieldwork on Parcels B1 and B2 that is detailed in the Explanation of Significant Differences. Not reported

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/09/2016
Comments: Cap construction was completed, except for some landscape planting and irrigation installation at the park area. The cap was constructed to prevent site users from being exposed to underlying arsenic-impacted soil.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/16/2017
Comments: The Completion Report details installation of the cap at Parcels B1 and B2. Both parcels were redeveloped collectively as a multi-unit residential complex; a public right of way/street; and small park. Individual Land Use Covenants (LUCs), Operation and Maintenance (O&M) Plans and Agreements will be developed for each of the three areas separately, and the Parcel B1/B2 site certified once all LUCs and O&M Agreements have been executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/23/2014
Comments: DTSC distributed the work notice to inform the community about the start of cleanup activities on Parcel C, a five-acre portion of the Site. and to describe the activities that may be observed.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 04/17/2015
Comments: The Soil Management Plan addresses proper handling and management of potentially impacted soils encountered during any future utility work or special construction work that would disturb soil beneath the constructed cap on Parcel C.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 09/14/2016
Comments: Not reported

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 04/03/2017
Comments: City of San Jose Environmental Services Department staff performed an annual inspection at Parcel C to verify compliance with the Land Use Covenant and the integrity of the cap. No violations of the Land Use Covenant were identified and the site cap was observed to be in good condition with no disturbances. A park continues to operate on Parcel C (allowable use per the Land Use Covenant),

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 03/04/2015
Comments: The Operation and Maintenance (O&M) Plan outlines the cap inspection, maintenance, and reporting for Parcel C. The Site-wide cap, which varies in the materials that comprise it and in thickness, must be maintained. No disturbance of underlying arsenic-impacted soil shall take place without notification to DTSC. Annual inspections and reporting are required. The O&M Plan was included as Appendix F of and approved as part of the Removal Action Completion Report.

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 04/11/2016
Comments: The Operation and Maintenance (O&M) Plan outlines the cap inspection, maintenance, and reporting for Parcel A. The cap consists of building foundations, pavement/asphalt, and landscaped areas with 2 feet clean soil cover. Annual inspections and reporting are required. The O&M Plan was included as Appendix F of and approved as part of the Removal Action Completion Report.O&M Plan.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/11/2017
Comments: The Operation and Maintenance Plan for the Park Area of Parcel B1/B2 outlines the procedures for inspection, reporting, and maintenance of the hardscape cap to ensure it continues to be an effective barrier to the underlying impacted soil.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Land Use Restriction
Completed Date: 06/23/2017
Comments: Land Use Covenant for Santa Clara County Assessor Parcel Number 097-52-042 (new parcel, portion of Parcel B1/B2 Operable Unit). Parcel is now a children's park (tot-lot), A two foot thick cap covers the parcel. The Land Use Covenant includes a prohibition on sensitive land uses, requires a DTSC-approved Soil Management Plan for disturbance of impacted soil underlying the cap, and includes a prohibition on drilling for water/oil/gas. The parcel is to be maintained by the City of San Jose.

Completed Area Name: Parcel B1/B2

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Sub Area Name: Park Area
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 09/14/2017
Comments: Operation and Maintenance (O&M) Agreement between Equity Residential, the City of San Jose, and DTSC. No financial assurance required is required by the O&M Agreement--City of San Jose is a local government agency, and is exempt. The O&M Agreement covers cap maintenance and DTSC oversight for the Parcel B1/B2 Park Area, which is a small portion of the larger Vista Montana Park site. Certification of the Public Street and Residential Portion of the Parcel B1/B2 will be handled separately.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/17/2013
Comments: Letter drafted to City of San Jose, upon request: DTSC amenable to redesign of the cap to be constructed at Parcel C, given the following provisions: 1)final cap design is submitted to DTSC for approval prior to field implementation; 2) the O&M Plan is revised to reflect new design aspects; and 3) the future Land Use Covenant and Operations and Maintenance Agreement will reflect new design aspects, and provide pertinent and appropriate information as needed (ie depth to impacted soil across site, modified site-specific Soil Management Plan).

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/18/2013
Comments: The construction design of Parcel C will be redesigned, within the design concessions agreed upon by the City of San Jose (Letter dated April 17, 2013.) Instead of an at-grade 2-foot clean cap across the entirety of Parcel C, clean import fill will be brought to Parcel C to raise the grade. All landscaped areas and utility corridors will have at least 2 feet clean fill; asphalt-paved areas will not be required to have 2 feet clean fill lying beneath site surface cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/10/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 09/11/2006
Comments: Voluntary Cleanup Agreement signed.

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2016
Comments: DTSC letter with oversight cost estimate for fiscal year 2016/2017

Completed Area Name: Parcel C

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2016
Comments: DTSC letter with oversight cost estimate for fiscal year 2016/2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/28/2011
Comments: Demand Letter #1

Future Area Name: Parcel B1/B2
Future Sub Area Name: Public Street (Orchard Way)
Future Document Type: Land Use Restriction
Future Due Date: 2018
Future Area Name: Parcel B1/B2
Future Sub Area Name: Public Street (Orchard Way)
Future Document Type: Certification
Future Due Date: 2018
Future Area Name: Parcel A
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2018
Future Area Name: Parcel C
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2021
Schedule Area Name: Parcel B1/B2
Schedule Sub Area Name: Public Street (Orchard Way)
Schedule Document Type: Operations and Maintenance Plan
Schedule Due Date: 06/17/2018
Schedule Revised Date: Not reported
Schedule Area Name: Parcel B1/B2
Schedule Sub Area Name: Residential Development
Schedule Document Type: Operations and Maintenance Plan
Schedule Due Date: 02/13/2018
Schedule Revised Date: Not reported
Schedule Area Name: Parcel A
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 03/07/2018
Schedule Revised Date: Not reported
Schedule Area Name: Parcel B1/B2
Schedule Sub Area Name: Residential Development
Schedule Document Type: Certification
Schedule Due Date: 04/26/2018
Schedule Revised Date: Not reported
Schedule Area Name: Parcel B1/B2
Schedule Sub Area Name: Residential Development
Schedule Document Type: Land Use Restriction
Schedule Due Date: 03/15/2018

**VISTA MONTANA PARK (Continued)** **S107737581**

Schedule Revised Date: Not reported

VCP:

| | |
|---|---|
| Facility ID: | 60000294 |
| Site Type: | Voluntary Cleanup |
| Site Type Detail: | Voluntary Cleanup |
| Site Mgmt. Req.: | NONE SPECIFIED |
| Acres: | 20.75 |
| National Priorities List: | NO |
| Cleanup Oversight Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Lead Agency Description: | DTSC - Site Cleanup Program |
| Project Manager: | Jovanne Villamater |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Site Code: | 202049 |
| Assembly: | 25 |
| Senate: | 10 |
| Special Programs Code: | Voluntary Cleanup Program |
| Status: | Active |
| Status Date: | 09/11/2006 |
| Restricted Use: | YES |
| Funding: | Responsible Party |
| Lat/Long: | 37.41475 / -121.9552 |
| APN: | 097-52-013, 097-52-028, 097-52-029, 097-52-041, 097-52-042, 097-53-015, 09752013, 09752028, 09752029, 09753015 |
| Past Use: | AGRICULTURAL - ORCHARD |
| Potential COC: | 30001, 30008, 30013 |
| Confirmed COC: | 30001-NO,30008-NO,30013-NO |
| Potential Description: | SOIL |
| Alias Name: | 097-52-013 |
| Alias Type: | APN |
| Alias Name: | 097-52-028 |
| Alias Type: | APN |
| Alias Name: | 097-52-029 |
| Alias Type: | APN |
| Alias Name: | 097-52-041 |
| Alias Type: | APN |
| Alias Name: | 097-52-042 |
| Alias Type: | APN |
| Alias Name: | 097-53-015 |
| Alias Type: | APN |
| Alias Name: | 09752013 |
| Alias Type: | APN |
| Alias Name: | 09752028 |
| Alias Type: | APN |
| Alias Name: | 09752029 |
| Alias Type: | APN |
| Alias Name: | 09753015 |
| Alias Type: | APN |
| Alias Name: | 110033614346 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201657 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 202049 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 60000294 |

**VISTA MONTANA PARK (Continued)** **S107737581**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 03/04/2011
Comments: Demand Letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 05/09/2008
Comments: Notice of Determination and Statement of Findings signed with Final RAW approval on 5/9/2008; sent to OEARA for filing.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/03/2015
Comments: A Land Use Covenant that restricts land use and activities on Parcel C was recorded with Santa Clara County Recorder on 09-03-2015. The Land Use Covenant prohibits sensitive land uses (i.e. residences, hospital, day care, and school for persons under age 18) on Parcel C. Activities that disturb soil below the site cover/cap are required to performed in accordance with a DTSC-approved Soil Management Plan. A public park has been constructed and is expected to remain on the parcel.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 08/28/2015
Comments: The Operation and Maintenance Agreement for Parcel C was fully executed on August 28, 2015. The Agreement is between DTSC, the City of San Jose, and Equity Residential. Both parties are responsible for implementing operation and maintenance activities for the cap at Parcel C, where a public park has been constructed.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/15/2015
Comments: DTSC certified the completion of the removal action at the Parcel C Operable Unit. Parcel C has been developed into a public park. A clean cap of varying thickness and materials (depending on use within the park) spans the entire parcel to prevent human contact with soil containing elevated levels of arsenic. Operation and maintenance to preserve the cap integrity will be implemented under an Operation and Maintenance Agreement between the City of San Jose, Equity Residential (developer), and DTSC. A Land Use Covenant restricting sensitive uses on Parcel C was recorded with the Santa Clara County Assessors Office on 09/03/2015.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Certification
Completed Date: 09/21/2017

**VISTA MONTANA PARK (Continued)** **S107737581**

Comments: Not reported

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2017
Comments: DTSC oversight cost estimate for fiscal year 2017/2018 (July 1, 2017 - June 30, 2018)

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2017
Comments: DTSC oversight cost estimate for fiscal year 2017/2018 (July 1, 2017 - June 30, 2018)

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 10/25/2013
Comments: The City of San Jose is the lead CEQA agency for the cleanup and development project at the Site. The City prepared and approved an EIR and two addenda to the EIR for the project. Based the evaluation in the Responsible Agency checklist, DTSC concurred with the City's findings in its CEQA documents pertaining to the remedy modification made through the Explanation of Significant Differences.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/31/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/28/2006
Comments: Site investigations indicated that shallow soil is impacted from historical pesticide use. Arsenic concentrations were observed to be elevated. Other pesticide-associated COCs were detected at concentrations below human health screening levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/09/2008
Comments: DTSC approved Final RAW on 5/9/2008.

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/01/2012
Comments: Earth-moving activities completed at site; construction of on-site buildings and installation of hardscape cap to commence in Fall 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Document Type: Site Characterization Report
Completed Date: 09/26/2006
Comments: Site characterization approved. Site investigations indicated that shallow soil is impacted from historical pesticide use. Arsenic determined to be primary contaminant of concern at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 03/22/2007
Comments: Community profile approved. Survey indicated low community interest in site cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/17/2006
Comments: Letter acknowledges that project concept of residential development above ground-level parking with capped arsenic-impacted soils is generally feasible with identified controls and in the context of Department precedents. Letter refers project proponents to DTSC Sensitive Uses Policy Memo.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/12/2007
Comments: Public comment period set to begin 10/18/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/12/2007
Comments: Public comment period set to begin 10/18/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 05/09/2008
Comments: RAW finalized on 5-9-2008; O&M Plan is Appendix G of RAW. O&M Agreement to be drafted when construction commences.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/08/2011
Comments: Fact Sheet/Work Notice sent out to mailing list providing notification of fieldwork for Removal Action Workplan implementation to begin on July 18, 2011.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/03/2014
Comments: Site construction activities and the capping of Parcel C were completed.

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/11/2016
Comments: Not reported

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/24/2015
Comments: Not reported

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan w/ESD
Completed Date: 10/25/2013
Comments: The Explanation of Significant Differences details a modification of the remedy selected in the Final Removal Action Work Plan previously approved by DTSC due to the addition of a subterranean parking garage to the design of the residential redevelopment project at Parcels B1 and B2. Consolidation of impacted soil and the construction of a cap were selected for Parcels B1 and B2 in the Final Removal Work Plan. The ESD modifies the actions to be taken on Parcels B1 and B2 to excavation and off-site disposal of impacted soil along with the construction of a cap over impacted soils to remain in some areas at Parcels B1 and B2.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/20/2013
Comments: Public Notice published in San Jose Mercury News (English) and El Observador (Spanish).

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/25/2013
Comments: The Work Notice announces the start of the fieldwork on Parcels B1 and B2 that is detailed in the Explanation of Significant Differences. Not reported

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/09/2016
Comments: Cap construction was completed, except for some landscape planting and irrigation installation at the park area. The cap was constructed to prevent site users from being exposed to underlying arsenic-impacted soil.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/16/2017
Comments: The Completion Report details installation of the cap at Parcels B1 and B2. Both parcels were redeveloped collectively as a multi-unit

**VISTA MONTANA PARK (Continued)** **S107737581**

residential complex; a public right of way/street; and small park. Individual Land Use Covenants (LUCs), Operation and Maintenance (O&M) Plans and Agreements will be developed for each of the three areas separately, and the Parcel B1/B2 site certified once all LUCs and O&M Agreements have been executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/23/2014
Comments: DTSC distributed the work notice to inform the community about the start of cleanup activities on Parcel C, a five-acre portion of the Site. and to describe the activities that may be observed.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 04/17/2015
Comments: The Soil Management Plan addresses proper handling and management of potentially impacted soils encountered during any future utility work or special construction work that would disturb soil beneath the constructed cap on Parcel C.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 09/14/2016
Comments: Not reported

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 04/03/2017
Comments: City of San Jose Environmental Services Department staff performed an annual inspection at Parcel C to verify compliance with the Land Use Covenant and the integrity of the cap. No violations of the Land Use Covenant were identified and the site cap was observed to be in good condition with no disturbances. A park continues to operate on Parcel C (allowable use per the Land Use Covenant),

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 03/04/2015
Comments: The Operation and Maintenance (O&M) Plan outlines the cap inspection, maintenance, and reporting for Parcel C. The Site-wide cap, which varies in the materials that comprise it and in thickness, must be maintained. No disturbance of underlying arsenic-impacted soil shall take place without notification to DTSC. Annual inspections and reporting are required. The O&M Plan was included as Appendix F of and approved as part of the Removal Action Completion Report.

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 04/11/2016
Comments: The Operation and Maintenance (O&M) Plan outlines the cap inspection,

**VISTA MONTANA PARK (Continued)** **S107737581**

maintenance, and reporting for Parcel A. The cap consists of building foundations, pavement/asphalt, and landscaped areas with 2 feet clean soil cover. Annual inspections and reporting are required. The O&M Plan was included as Appendix F of and approved as part of the Removal Action Completion Report.O&M Plan.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/11/2017
Comments: The Operation and Maintenance Plan for the Park Area of Parcel B1/B2 outlines the procedures for inspection, reporting, and maintenance of the hardscape cap to ensure it continues to be an effective barrier to the underlying impacted soil.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Land Use Restriction
Completed Date: 06/23/2017
Comments: Land Use Covenant for Santa Clara County Assessor Parcel Number 097-52-042 (new parcel, portion of Parcel B1/B2 Operable Unit). Parcel is now a children's park (tot-lot), A two foot thick cap covers the parcel. The Land Use Covenant includes a prohibition on sensitive land uses, requires a DTSC-approved Soil Management Plan for disturbance of impacted soil underlying the cap, and includes a prohibition on drilling for water/oil/gas. The parcel is to be maintained by the City of San Jose.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 09/14/2017
Comments: Operation and Maintenance (O&M) Agreement between Equity Residential, the City of San Jose, and DTSC. No financial assurance required is required by the O&M Agreement--City of San Jose is a local government agency, and is exempt. The O&M Agreement covers cap maintenance and DTSC oversight for the Parcel B1/B2 Park Area, which is a small portion of the larger Vista Montana Park site. Certification of the Public Street and Residential Portion of the Parcel B1/B2 will be handled separately.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/17/2013
Comments: Letter drafted to City of San Jose, upon request: DTSC amenable to redesign of the cap to be constructed at Parcel C, given the following provisions: 1)final cap design is submitted to DTSC for approval prior to field implementation; 2) the O&M Plan is revised to reflect new design aspects; and 3) the future Land Use Covenant and Operations and Maintenance Agreement will reflect new design aspects, and provide pertinent and appropriate information as needed (ie depth to impacted soil across site, modified site-specific Soil Management Plan).

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Document Type: Correspondence
Completed Date: 07/18/2013
Comments: The construction design of Parcel C will be redesigned, within the design concessions agreed upon by the City of San Jose (Letter dated April 17, 2013.) Instead of an at-grade 2-foot clean cap across the entirety of Parcel C, clean import fill will be brought to Parcel C to raise the grade. All landscaped areas and utility corridors will have at least 2 feet clean fill; asphalt-paved areas will not be required to have 2 feet clean fill lying beneath site surface cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/10/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 09/11/2006
Comments: Voluntary Cleanup Agreement signed.

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2016
Comments: DTSC letter with oversight cost estimate for fiscal year 2016/2017

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2016
Comments: DTSC letter with oversight cost estimate for fiscal year 2016/2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/28/2011
Comments: Demand Letter #1

Future Area Name: Parcel B1/B2
Future Sub Area Name: Public Street (Orchard Way)
Future Document Type: Land Use Restriction
Future Due Date: 2018
Future Area Name: Parcel B1/B2
Future Sub Area Name: Public Street (Orchard Way)
Future Document Type: Certification
Future Due Date: 2018
Future Area Name: Parcel A
Future Sub Area Name: Not reported
Future Document Type: Certification

**VISTA MONTANA PARK (Continued)** **S107737581**

Future Due Date: 2018
Future Area Name: Parcel C
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2021
Schedule Area Name: Parcel B1/B2
Schedule Sub Area Name: Public Street (Orchard Way)
Schedule Document Type: Operations and Maintenance Plan
Schedule Due Date: 06/17/2018
Schedule Revised Date: Not reported
Schedule Area Name: Parcel B1/B2
Schedule Sub Area Name: Residential Development
Schedule Document Type: Operations and Maintenance Plan
Schedule Due Date: 02/13/2018
Schedule Revised Date: Not reported
Schedule Area Name: Parcel A
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 03/07/2018
Schedule Revised Date: Not reported
Schedule Area Name: Parcel B1/B2
Schedule Sub Area Name: Residential Development
Schedule Document Type: Certification
Schedule Due Date: 04/26/2018
Schedule Revised Date: Not reported
Schedule Area Name: Parcel B1/B2
Schedule Sub Area Name: Residential Development
Schedule Document Type: Land Use Restriction
Schedule Due Date: 03/15/2018
Schedule Revised Date: Not reported

DEED:
Envirostor ID: 60000294
Area: PARCEL B1/B2
Sub Area: PARK AREA
Site Type: VOLUNTARY CLEANUP
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 06/23/2017
File Name: Envirostor Land Use Restrictions

Envirostor ID: 60000294
Area: PARCEL C
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 09/03/2015
File Name: Envirostor Land Use Restrictions

SAN JOSE HAZMAT:
Date of Data: AS OF 02/07/2014
Region: SAN JOSE
File Num: 600058

**VISTA MONTANA PARK (Continued)** **S107737581**

Class: Electronics Firm

---

**86**
**North**
**1/2-1**
**0.669 mi.**
**3534 ft.**

**CISCO SYSTEMS SITE 6**
**NORTH FIRST STREET AND SYNTAX COURT**
**SAN JOSE, CA 95002**

**CA ENVIROSTOR** **S104735528**
**CA VCP** **N/A**
**CA DEED**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 43010027 |
| Status: | Certified O&M - Land Use Restrictions Only |
| Status Date: | 02/05/2007 |
| Site Code: | 201353 |
| Site Type: | Voluntary Cleanup |
| Site Type Detailed: | Voluntary Cleanup |
| Acres: | 19 |
| NPL: | NO |
| Regulatory Agencies: | SMBRP, CITY OF SAN JOSE |
| Lead Agency: | SMBRP |
| Program Manager: | Claude Jemison |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Voluntary Cleanup Program |
| Restricted Use: | YES |
| Site Mgmt Req: | DAY, HOS, LUC, NOWN, SCH, FOOD, RES |
| Funding: | Responsible Party |
| Latitude: | 37.42041 |
| Longitude: | -121.9636 |
| APN: | 015-39-046, 015-39-047 |
| Past Use: | LANDFILL - DOMESTIC |
| Potential COC: | Arsenic Lead |
| Confirmed COC: | Arsenic Lead |
| Potential Description: | SOIL |
| Alias Name: | CISCO SYSTEMS SITE 6 |
| Alias Type: | Alternate Name |
| Alias Name: | 015-39-046 |
| Alias Type: | APN |
| Alias Name: | 015-39-047 |
| Alias Type: | APN |
| Alias Name: | 110033606300 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201353 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 43010027 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Land Use Restriction - Site Inspection/Visit |
| Completed Date: | 08/16/2013 |
| Comments: | The RP, South Bay Development Company, had an annual inspection report performed on July 19, 2013. Animal burrows and some charring possibly from a grass fire were noted; however, impacted soil remains under the 1.5 foot layer of clean soil and remains undisturbed. Inspector recommend that fence maintenance should be considered for |

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

the shrubbery/trees growing into the fence since they may damage the fence. DTSC concurs with the conclusion that the current site conditions remain protective of human health.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/27/2015
Comments: Email is follow up on observations and notes from initial site visit made by Regional Water Quality Control Board on August 19, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/30/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/15/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/05/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/05/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/02/2012
Comments: DTSC conducted its annual site visit to verify compliance with the restrictions and requirements of the Land Use Covenant. The surface soil on the Site appeared undisturbed, and the Site remains undeveloped. However, numerous animal burrows were observed along the perimeter of the fence. There was no evidence of any activities prohibited by the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/06/2011
Comments: DTSC conducted an annual inspection to check the condition of the cap

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

that is on the site and to verify compliance with the land use restrictions that are included in a Deed Restriction. Numerous animal burrows were observed along the perimeter of the fence, although the cap was observed to be in generally good condition. The damaged fence observed during last year's inspection was repaired. There is no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/25/2009
Comments: Upon inspection, the surface soils appeared undisturbed, and the property remains undeveloped. Damage to the fence was observed during the inspection. However, there was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/28/2008
Comments: Requested a draft 5 year report to be submitted by 6/01/2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/04/2014
Comments: DTSC sent a letter to OTO Development confirming that the site may be used as a hotel.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/29/2014
Comments: Emails from consultant regarding sampling plan from June to September

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/06/2014
Comments: Email provided information on and conveyed a summary of the May 30, 2014 meeting between the Local Enforcement Agency, CalRecycle, and consultants for the site developer.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/06/2008
Comments: Damage fence was observed during the inspection. However, there was no evidence of any activites prohibited by the deed restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/01/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/27/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 12/11/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 05/23/2003
Comments: Executed and recorded Deed Restriction at the Santa Clara County Recorder's Office. Restricts any future onsite operations to commercial / industrial uses.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 10/19/2000
Comments: Cisco Systems Inc. entered into a VCA for DTSC to oversee development of a deed restriction and an operation and maintenance agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/20/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Voluntary Cleanup Agreement Completion
Completed Date: 05/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/03/2015
Comments: Letter from Krazan & Associates to DTSC providing notification, as required by the 2003 Land Use Covenant, of site grading activities on the proposed hotel parcel.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/31/2014
Comments: Not reported

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/27/2001
Comments: Soil Management Plan was approved to provide technical and operational guidelines to be followed during redevelopment and future activities at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/12/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/22/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 07/02/2009
Comments: The Five Year Review is hereby approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/20/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 05/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 07/31/2014
Comments: The work plan includes extending the grab groundwater sampling program based on the results of grab groundwater testing data resulting from field work conducted on July 1 and 2, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/11/2014
Comments: This supplemental proposed scope of work was developed based on the

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

results of soil vapor and groundwater grab testing data resulting from field work conducted on July 1 and 2, and August 7 and 8, 2014. The proposed supplemental work includes undertaking a supplemental round of soil, refuse, and grab groundwater sampling

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 05/21/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 06/09/2015
Comments: The Workplan for Limited Subsurface Assessment outlines investigation activities for the purpose of assessing the presence or absence and thickness of waste material within in the footprint of a proposed hotel. Additionally, the Workplan outlines soil management procedures for the work to comply with the requirement in the Land Use Covenant for a DTSC-approved Soil Management Plan for disturbance of soil 1.5 feet or deeper below the ground surface.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/24/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 09/09/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 06/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 05/23/2017
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2019
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

VCP:

| | |
|---|---|
| Facility ID: | 43010027 |
| Site Type: | Voluntary Cleanup |
| Site Type Detail: | Voluntary Cleanup |
| Site Mgmt. Req.: | DAY, HOS, LUC, NOWN, SCH, FOOD, RES |
| Acres: | 19 |
| National Priorities List: | NO |
| Cleanup Oversight Agencies: | SMBRP, CITY OF SAN JOSE |
| Lead Agency: | SMBRP |
| Lead Agency Description: | DTSC - Site Cleanup Program |
| Project Manager: | Claude Jemison |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Site Code: | 201353 |
| Assembly: | 25 |
| Senate: | 10 |
| Special Programs Code: | Voluntary Cleanup Program |
| Status: | Certified O&M - Land Use Restrictions Only |
| Status Date: | 02/05/2007 |
| Restricted Use: | YES |
| Funding: | Responsible Party |
| Lat/Long: | 37.42041 / -121.9636 |
| APN: | 015-39-046, 015-39-047 |
| Past Use: | LANDFILL - DOMESTIC |
| Potential COC: | 30001, 30013 |
| Confirmed COC: | 30001,30013 |
| Potential Description: | SOIL |
| Alias Name: | CISCO SYSTEMS SITE 6 |
| Alias Type: | Alternate Name |
| Alias Name: | 015-39-046 |
| Alias Type: | APN |
| Alias Name: | 015-39-047 |
| Alias Type: | APN |
| Alias Name: | 110033606300 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201353 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 43010027 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Land Use Restriction - Site Inspection/Visit |
| Completed Date: | 08/16/2013 |
| Comments: | The RP, South Bay Development Company, had an annual inspection report performed on July 19, 2013. Animal burrows and some charring possibly from a grass fire were noted; however, impacted soil remains under the 1.5 foot layer of clean soil and remains undisturbed. Inspector recommend that fence maintenance should be considered for the shrubbery/trees growing into the fence since they may damage the fence. DTSC concurs with the conclusion that the current site conditions remain protective of human health. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Correspondence |

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

Completed Date: 08/27/2015
Comments: Email is follow up on observations and notes from initial site visit made by Regional Water Quality Control Board on August 19, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/30/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/15/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/05/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/05/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/02/2012
Comments: DTSC conducted its annual site visit to verify compliance with the restrictions and requirements of the Land Use Covenant. The surface soil on the Site appeared undisturbed, and the Site remains undeveloped. However, numerous animal burrows were observed along the perimeter of the fence. There was no evidence of any activities prohibited by the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/06/2011
Comments: DTSC conducted an annual inspection to check the condition of the cap that is on the site and to verify compliance with the land use restrictions that are included in a Deed Restriction. Numerous animal burrows were observed along the perimeter of the fence, although the cap was observed to be in generally good condition. The damaged fence observed during last year's inspection was repaired. There is no evidence of any activities prohibited by the Deed Restriction.

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/25/2009
Comments: Upon inspection, the surface soils appeared undisturbed, and the property remains undeveloped. Damage to the fence was observed during the inspection. However, there was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/28/2008
Comments: Requested a draft 5 year report to be submitted by 6/01/2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/04/2014
Comments: DTSC sent a letter to OTO Development confirming that the site may be used as a hotel.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/29/2014
Comments: Emails from consultant regarding sampling plan from June to September

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/06/2014
Comments: Email provided information on and conveyed a summary of the May 30, 2014 meeting between the Local Enforcement Agency, CalRecycle, and consultants for the site developer.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/06/2008
Comments: Damage fence was observed during the inspection. However, there was no evidence of any activites prohibited by the deed restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/01/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/27/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 12/11/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 05/23/2003
Comments: Executed and recorded Deed Restriction at the Santa Clara County Recorder's Office. Restricts any future onsite operations to commercial / industrial uses.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 10/19/2000
Comments: Cisco Systems Inc. entered into a VCA for DTSC to oversee development of a deed restriction and an operation and maintenance agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/20/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Voluntary Cleanup Agreement Completion
Completed Date: 05/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/03/2015
Comments: Letter from Krazan & Associates to DTSC providing notification, as required by the 2003 Land Use Covenant, of site grading activities on the proposed hotel parcel.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/31/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/27/2001
Comments: Soil Management Plan was approved to provide technical and operational guidelines to be followed during redevelopment and future

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

activities at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/12/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/22/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 07/02/2009
Comments: The Five Year Review is hereby approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/20/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 05/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 07/31/2014
Comments: The work plan includes extending the grab groundwater sampling program based on the results of grab groundwater testing data resulting from field work conducted on July 1 and 2, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/11/2014
Comments: This supplemental proposed scope of work was developed based on the results of soil vapor and groundwater grab testing data resulting from field work conducted on July 1 and 2, and August 7 and 8, 2014. The proposed supplemental work includes undertaking a supplemental round of soil, refuse, and grab groundwater sampling

Completed Area Name: PROJECT WIDE

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 05/21/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 06/09/2015
Comments: The Workplan for Limited Subsurface Assessment outlines investigation activities for the purpose of assessing the presence or absence and thickness of waste material within in the footprint of a proposed hotel. Additionally, the Workplan outlines soil management procedures for the work to comply with the requirement in the Land Use Covenant for a DTSC-approved Soil Management Plan for disturbance of soil 1.5 feet or deeper below the ground surface.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/24/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 09/09/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 06/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 05/23/2017
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2019
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Envirostor ID: 43010027
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 05/23/2003
File Name: Envirostor Land Use Restrictions

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**87**
**ENE**
**1/2-1**
**0.713 mi.**
**3765 ft.**

**ASSEMBLY @ NORTH FIRST**
**4000 NORTH FIRST STREET**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR** **S106102037**
**CA NPDES** **N/A**
**CA WDS**
**CA CIWQS**

**Relative:**
**Higher**

**Actual:**
**13 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71002971 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.41530 |
| Longitude: | -121.9524 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAD982027534 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110002781428 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 71002971 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |

**ASSEMBLY @ NORTH FIRST (Continued)** **S106102037**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

NPDES:

| | |
|---|---|
| Npdes Number: | Not reported |
| Facility Status: | Not reported |
| Agency Id: | Not reported |
| Region: | 2 |
| Regulatory Measure Id: | 486294 |
| Order No: | Not reported |
| Regulatory Measure Type: | Construction |
| Place Id: | Not reported |
| WDID: | 2 43C380269 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| RECEIVED DATE: | 05/22/2017 |
| PROCESSED DATE: | 06/27/2017 |
| STATUS CODE NAME: | Active |
| STATUS DATE: | 06/27/2017 |
| PLACE SIZE: | 27 |
| PLACE SIZE UNIT: | Acres |
| FACILITY CONTACT NAME: | Timothy Smith |
| FACILITY CONTACT TITLE: | Sr. Project Manager |
| FACILITY CONTACT PHONE: | 415-421-8200 |
| FACILITY CONTACT PHONE EXT: | Not reported |
| FACILITY CONTACT EMAIL: | tsmith@sksre.com |
| OPERATOR NAME: | North First SJ LP |
| OPERATOR ADDRESS: | C/O SKS Partners |
| OPERATOR CITY: | San Francisco |
| OPERATOR STATE: | California |
| OPERATOR ZIP: | 94108 |
| OPERATOR CONTACT NAME: | Timothy Smith |
| OPERATOR CONTACT TITLE: | Sr. Project Manager |
| OPERATOR CONTACT PHONE: | 415-421-8200 |
| OPERATOR CONTACT PHONE EXT: | Not reported |
| OPERATOR CONTACT EMAIL: | tsmith@sksre.com |
| OPERATOR TYPE: | Private Business |
| DEVELOPER NAME: | North First SJ LP |
| DEVELOPER ADDRESS: | C/O SKS Partners |
| DEVELOPER CITY: | San Francisco |
| DEVELOPER STATE: | California |
| DEVELOPER ZIP: | 94108 |
| DEVELOPER CONTACT NAME: | Timothy Smith |
| DEVELOPER CONTACT TITLE: | Sr. Project Manager |
| CONSTYPE LINEAR UTILITY IND: | N |
| EMERGENCY PHONE NO: | Not reported |
| EMERGENCY PHONE EXT: | Not reported |
| CONSTYPE ABOVE GROUND IND: | N |

**ASSEMBLY @ NORTH FIRST (Continued)** **S106102037**

| | |
|---|---|
| CONSTYPE BELOW GROUND IND: | N |
| CONSTYPE CABLE LINE IND: | N |
| CONSTYPE COMM LINE IND: | N |
| CONSTYPE COMMERTIAL IND: | Y |
| CONSTYPE ELECTRICAL LINE IND: | N |
| CONSTYPE GAS LINE IND: | N |
| CONSTYPE INDUSTRIAL IND: | N |
| CONSTYPE OTHER DESRIPTION: | Not reported |
| CONSTYPE OTHER IND: | N |
| CONSTYPE RECONS IND: | N |
| CONSTYPE RESIDENTIAL IND: | N |
| CONSTYPE TRANSPORT IND: | N |
| CONSTYPE UTILITY DESCRIPTION: | Not reported |
| CONSTYPE UTILITY IND: | N |
| CONSTYPE WATER SEWER IND: | N |
| DIR DISCHARGE USWATER IND: | N |
| RECEIVING WATER NAME: | Guadalupe River |
| CERTIFIER NAME: | Timothy Smith |
| CERTIFIER TITLE: | Sr. Project Manager |
| CERTIFICATION DATE: | 22-MAY-17 |
| PRIMARY SIC: | Not reported |
| SECONDARY SIC: | Not reported |
| TERTIARY SIC: | Not reported |
| | |
| Npdes Number: | CAS000002 |
| Facility Status: | Active |
| Agency Id: | 0 |
| Region: | 2 |
| Regulatory Measure Id: | 486294 |
| Order No: | 2009-0009-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place Id: | Not reported |
| WDID: | 2 43C380269 |
| Program Type: | Construction |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 06/27/2017 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | North First SJ LP |
| Discharge Address: | C/O SKS Partners |
| Discharge City: | San Francisco |
| Discharge State: | California |
| Discharge Zip: | 94108 |
| RECEIVED DATE: | Not reported |
| PROCESSED DATE: | Not reported |
| STATUS CODE NAME: | Not reported |
| STATUS DATE: | Not reported |
| PLACE SIZE: | Not reported |
| PLACE SIZE UNIT: | Not reported |
| FACILITY CONTACT NAME: | Not reported |
| FACILITY CONTACT TITLE: | Not reported |
| FACILITY CONTACT PHONE: | Not reported |
| FACILITY CONTACT PHONE EXT: | Not reported |
| FACILITY CONTACT EMAIL: | Not reported |
| OPERATOR NAME: | Not reported |
| OPERATOR ADDRESS: | Not reported |
| OPERATOR CITY: | Not reported |

**ASSEMBLY @ NORTH FIRST (Continued)** **S106102037**

| | |
|---|---|
| OPERATOR STATE: | Not reported |
| OPERATOR ZIP: | Not reported |
| OPERATOR CONTACT NAME: | Not reported |
| OPERATOR CONTACT TITLE: | Not reported |
| OPERATOR CONTACT PHONE: | Not reported |
| OPERATOR CONTACT PHONE EXT: | Not reported |
| OPERATOR CONTACT EMAIL: | Not reported |
| OPERATOR TYPE: | Not reported |
| DEVELOPER NAME: | Not reported |
| DEVELOPER ADDRESS: | Not reported |
| DEVELOPER CITY: | Not reported |
| DEVELOPER STATE: | Not reported |
| DEVELOPER ZIP: | Not reported |
| DEVELOPER CONTACT NAME: | Not reported |
| DEVELOPER CONTACT TITLE: | Not reported |
| CONSTYPE LINEAR UTILITY IND: | Not reported |
| EMERGENCY PHONE NO: | Not reported |
| EMERGENCY PHONE EXT: | Not reported |
| CONSTYPE ABOVE GROUND IND: | Not reported |
| CONSTYPE BELOW GROUND IND: | Not reported |
| CONSTYPE CABLE LINE IND: | Not reported |
| CONSTYPE COMM LINE IND: | Not reported |
| CONSTYPE COMMERTIAL IND: | Not reported |
| CONSTYPE ELECTRICAL LINE IND: | Not reported |
| CONSTYPE GAS LINE IND: | Not reported |
| CONSTYPE INDUSTRIAL IND: | Not reported |
| CONSTYPE OTHER DESRIPTION: | Not reported |
| CONSTYPE OTHER IND: | Not reported |
| CONSTYPE RECONS IND: | Not reported |
| CONSTYPE RESIDENTIAL IND: | Not reported |
| CONSTYPE TRANSPORT IND: | Not reported |
| CONSTYPE UTILITY DESCRIPTION: | Not reported |
| CONSTYPE UTILITY IND: | Not reported |
| CONSTYPE WATER SEWER IND: | Not reported |
| DIR DISCHARGE USWATER IND: | Not reported |
| RECEIVING WATER NAME: | Not reported |
| CERTIFIER NAME: | Not reported |
| CERTIFIER TITLE: | Not reported |
| CERTIFICATION DATE: | Not reported |
| PRIMARY SIC: | Not reported |
| SECONDARY SIC: | Not reported |
| TERTIARY SIC: | Not reported |

WDS:

| | |
|---|---|
| Facility ID: | San Francisco Bay 43I014678 |
| Facility Type: | Not reported |
| Facility Status: | Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. |
| NPDES Number: | CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board |
| Subregion: | 2 |
| Facility Telephone: | Not reported |
| Facility Contact: | Not reported |
| Agency Name: | NOVELLUS SYSTEMS |
| Agency Address: | Not reported |
| Agency City,St,Zip: | 0 |
| Agency Contact: | Not reported |

**ASSEMBLY @ NORTH FIRST (Continued)** **S106102037**

| | |
|---|---|
| Agency Telephone: | Not reported |
| Agency Type: | Not reported |
| SIC Code: | 0 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Not reported |
| Primary Waste: | Not reported |
| Waste Type2: | Not reported |
| Waste2: | Not reported |
| Primary Waste Type: | Not reported |
| Secondary Waste: | Not reported |
| Secondary Waste Type: | Not reported |
| Design Flow: | 0 |
| Baseline Flow: | 0 |
| Reclamation: | Not reported |
| POTW: | Not reported |
| Treat To Water: | Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality. |
| Complexity: | Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds. |

CIWQS:

| | |
|---|---|
| Agency: | North First SJ LP |
| Agency Address: | C/O SKS Partners 601 California Street Suite 1310, San Francisco, CA 94108 |
| Place/Project Type: | Construction - Commercial |
| SIC/NAICS: | Not reported |
| Region: | 2 |
| Program: | CONSTW |
| Regulatory Measure Status: | Active |
| Regulatory Measure Type: | Storm water construction |
| Order Number: | 2009-0009-DWQ |
| WDID: | 2 43C380269 |
| NPDES Number: | CAS000002 |
| Adoption Date: | Not reported |
| Effective Date: | 06/27/2017 |
| Termination Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 37.414935 |
| Longitude: | -121.951647 |

**88**
**ENE**
**1/2-1**
**0.744 mi.**
**3926 ft.**

**SUNPOWER CORP.**
**3939 N FIRST ST**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR**

**S110494350**
**N/A**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71003820 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.41257 |
| Longitude: | -121.9514 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAD981447535 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 71003820 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

**L89 East 1/2-1 0.816 mi. 4311 ft.** | **NORTH FIRST STREET PLUME - SAN JOSE**
**3901 NORTH FIRST STREET**
**SAN JOSE, CA 95134** | **CA BOND EXP. PLAN** | **S100833374**
**N/A**

**Site 1 of 2 in cluster L**

**Relative: Higher**

**Actual: 13 ft.**

CA BOND EXP. PLAN:

| | |
|---|---|
| Reponsible Party: | DETAILED SITE EXPENDITURE PLAN |
| Project Revenue Source Company: | Not reported |
| Project Revenue Source Addr: | Not reported |
| Project Revenue Source City,St,Zip: | Not reported |
| Project Revenue Source Desc: | At this time, it appears that the Department will need to use Bond funds to remediate this site. If Bond funds are expended, the Department will undertake appropriate cost recovery action if any responsible parties are identified during the investigation. This site has not been identified as an NPL site, nor does it appear to be a candidate in the future. Therefore, federal funds may not be a viable source of revenues for the site. |
| Site Description: | The North First Street site is a plume of contaminated ground water. The Local Study Area is within the vicinity of North First Street. It was orginally farm land. Only one isolated well is contaminated from an undetermined source. |
| Hazardous Waste Desc: | Baseline water quality sampling identified a significant concentration of ethylene dibromide (EDB) in one well screened in the unconfined aquifer. No other contamination has been identified. |
| Threat To Public Health & Env: | At this time, no known immediate health threat exists at this site. All known and serviceable wells in the area have been tested for EDB. Only one shallow well at the site remains contaminated. |
| Site Activity Status: | Of nine shallow monitoring wells and eight soil borings only the dicovery well continues to show contamination by EDB. A monitoring well installed to the second water bearing zone and adjacent to the discovery well does not show EDB contamination. The FS is beginning. |

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**L90 East 1/2-1 0.816 mi. 4311 ft.** | **SVTC TECHNOLOGIES LLC**
**3901 N FIRST ST**
**SAN JOSE, CA 95134** | **SEMS-ARCHIVE**
**RCRA-SQG**
**CA RESPONSE**
**CA ENVIROSTOR**
**CA HIST UST**
**FTTS**
**HIST FTTS** | **1000356572**
**CAD981447535**

**Site 2 of 2 in cluster L**

**Relative: Higher**

**Actual: 13 ft.**

SEMS Archive:

| | |
|---|---|
| Site ID: | 902256 |
| EPA ID: | CAD981159072 |
| Cong District: | 10 |
| FIPS Code: | 6085 |
| FF: | N |
| NPL: | Not on the NPL |
| Non NPL Status: | NFRAP-Site does not qualify for the NPL based on existing information |

SEMS Archive Detail:

| | |
|---|---|
| Region: | 9 |
| Site ID: | 902256 |
| EPA ID: | CAD981159072 |
| Site Name: | NORTH FIRST ST PROPERTY |
| NPL: | N |
| FF: | N |
| OU: | 0 |
| Action Code: | VS |
| Action Name: | ARCH SITE |
| SEQ: | 1 |
| Start Date: | Not reported |

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

| | |
|---|---|
| Finish Date: | 1988-06-01 00:00:00 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf In-Hse |
| | |
| Region: | 9 |
| Site ID: | 902256 |
| EPA ID: | CAD981159072 |
| Site Name: | NORTH FIRST ST PROPERTY |
| NPL: | N |
| FF: | N |
| OU: | 0 |
| Action Code: | PA |
| Action Name: | PA |
| SEQ: | 1 |
| Start Date: | Not reported |
| Finish Date: | 1986-11-01 00:00:00 |
| Qual: | L |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 9 |
| Site ID: | 902256 |
| EPA ID: | CAD981159072 |
| Site Name: | NORTH FIRST ST PROPERTY |
| NPL: | N |
| FF: | N |
| OU: | 0 |
| Action Code: | DS |
| Action Name: | DISCVRY |
| SEQ: | 1 |
| Start Date: | 1985-10-01 00:00:00 |
| Finish Date: | 1985-10-01 00:00:00 |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 9 |
| Site ID: | 902256 |
| EPA ID: | CAD981159072 |
| Site Name: | NORTH FIRST ST PROPERTY |
| NPL: | N |
| FF: | N |
| OU: | 0 |
| Action Code: | PA |
| Action Name: | PA |
| SEQ: | 2 |
| Start Date: | Not reported |
| Finish Date: | 1988-06-01 00:00:00 |
| Qual: | N |
| Current Action Lead: | St Perf |

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 09/24/2009 |
| Facility name: | SVTC TECHNOLOGIES LLC |
| Facility address: | 3901 N FIRST ST<br>SAN JOSE, CA 95134 |
| EPA ID: | CAD981447535 |
| Contact: | SCOTT E ZAVACK |

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

| | |
|---|---|
| Contact address: | 3901 N FIRST ST<br>SAN JOSE, CA 95134 |
| Contact country: | US |
| Contact telephone: | 408-656-7038 |
| Contact email: | DL_FAB1_FACILITIES@SVTC.COM |
| EPA Region: | 09 |
| Land type: | Private |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | SVTC TECHNOLOGIES LLC |
| Owner/operator address: | Not reported<br>Not reported |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 03/08/2007 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | SVTC TECHNOLOGIES LLC |
| Owner/operator address: | 3901 N FIRST ST<br>SAN JOSE, CA 95134 |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 03/08/2007 |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 04/04/2006
Site name: CYPRESS SEMICONDUCTOR
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 04/29/2004
Site name: CYPRESS SEMICONDUCTOR
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D008
. Waste name: LEAD

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/19/2002
Site name: CYPRESS SEMICONDUCTOR CORPORATION
Classification: Large Quantity Generator

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 214
. Waste name: Unspecified solvent mixture

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 741
. Waste name: Liquids with halogenated organic compounds > 1000 mg/l

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D008
. Waste name: LEAD

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Date form received by agency: 10/12/2000
Site name: CYPRESS SEMICONDUCTOR
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: CYPRESS SEMICONDUCTOR CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 01/29/1998
Site name: CYPRESS SEMICONDUCTOR CORP
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: CYPRESS SEMICONDUCTOR CORP
Classification: Large Quantity Generator

Date form received by agency: 02/28/1996
Site name: CYPRESS SEMICONDUCTOR
Classification: Large Quantity Generator

Date form received by agency: 02/15/1994
Site name: CYPRESS SEMICONDUCTOR
Classification: Large Quantity Generator

Date form received by agency: 02/26/1992
Site name: CYPRESS SEMICONDUCTOR
Classification: Large Quantity Generator

Date form received by agency: 02/26/1986
Site name: CYPRESS SEMICONDUCTOR CORP
Classification: Large Quantity Generator

Date form received by agency: 02/26/1986
Site name: CYPRESS SEMICONDUCTOR CORP
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/02/2003
Date achieved compliance: 10/01/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/02/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/17/1994
Date achieved compliance: 09/09/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/02/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/01/2003
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/17/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/09/1994
Evaluation lead agency: State Contractor/Grantee

RESPONSE:
Facility ID: 43990001
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 4.6
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 200071
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 25
Senate: 10
Special Program Status: Not reported
Status: Certified
Status Date: 03/27/1990
Restricted Use: NO
Funding: Orphan Funds
Latitude: 37.41195
Longitude: -121.9504
APN: 097-53-009
Past Use: AGRICULTURAL - ORCHARD
Potential COC : 1,2-Dibromoethane (EDB

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

Confirmed COC: 1,2-Dibromoethane (EDB
Potential Description: AQUI
Alias Name: CYPRESS SEMICONDUCTOR
Alias Type: Alternate Name
Alias Name: NORTH FIRST STREET PROPERTY
Alias Type: Alternate Name
Alias Name: NORTH FIRST STREET SITE
Alias Type: Alternate Name
Alias Name: NORTH FIRST STREET, SAN JOSE SITE
Alias Type: Alternate Name
Alias Name: 097-53-009
Alias Type: APN
Alias Name: CAD981159072
Alias Type: EPA Identification Number
Alias Name: 110033611893
Alias Type: EPA (FRS #)
Alias Name: 200071
Alias Type: Project Code (Site Code)
Alias Name: 43990001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 10/15/1989
Comments: Approved RAP. Due to comments from the RWQCB, the draft RAP was modified to include a limited monitoring program, which is expected to last 10 years.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 10/31/1988
Comments: Updated status. Site was delisted from Expenditure Plan on 3/28/1990.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/01/1989
Comments: Fact sheet issued that describes investigation done to date and why State has concluded no further action is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 08/03/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 01/31/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

Completed Date: 06/09/1994
Comments: The Remedial Action Plan approved by DTSC in 1989 specified that groundwater monitoring would be conducted on a yearly basis for ten years or until ethylene dibromide (EDB) was not detected in any of the monitoring wells for two consecutive sampling events. The Final Annual Groundwater Monitoring Report, dated January 31, 1994, showed that four quarters of groundwater monitoring had non-detects of EDB. Therefore, DTSC approved the cessation of the groundwater monitoring program at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/27/1990
Comments: Low levels of solvents exist, but was found to be low risk. No futher action is required at this site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 03/28/1990
Comments: Delisted Site. Although the state MCL of .05 ppb for ethylene dibromide (EDB) in drinking water was not met (421 ppb EDB was detected in monitoring well #3), the state chose the "no further action" alternative based on the results of the RI which indicated that the EDB at the site does not pose a signifigant risk to the public health, safety, or the environment. An aquitard separates waters from the upper, saturated, EDB contaminated zone from those of the lower aquifer. Because of its high salinity, the upper, contaminated water is not likely to be used for drinking water even if the EDB was not present. EDB has been found only in one well (#3). Land around the site has been covered by parking lots, landscaping, or buildings such that no native soils are evident at the surface. Below this is 1.5-3.5 feet of non-native fill brought in during the development of the industrial park. The contamination appears to be historical in nature, rather than on-going, so contamination should decrease with time. EDB breaks down into non-carcenogenic, less toxic compounds. Its half-life is anywhere from 5 days to fourteen years. Since public health, welfare, and the environment are not threatened by the site, implementation of removal or remedial measures was deemed not necessary. The site is in limited monitoring involving the sampling and analysis of 5 ground water wells for a period of 10 years.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 04/22/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 04/25/1994
Comments: Not reported

Future Area Name: Not reported

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 71002842
Status: No Further Action
Status Date: 10/02/2014
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 1.5
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.41196
Longitude: -121.9504
APN: 097-53-009
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: SVTC Technologies
Alias Type: Alternate Name
Alias Name: 097-53-009
Alias Type: APN
Alias Name: CAD981447535
Alias Type: EPA Identification Number
Alias Name: 71002842
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/02/2014
Comments: DTSC recommended no further action is required for this Site. EDB was discovered in groundwater but was addressed as part of the North First Street Plume site. There was historical uses of VOCs, but a number of Environmental Site Assessments were performed and the reports did not identify any recognized environmental conditions. Soil, soil gas, and groundwater samples were taken in June 2014 and showed no environmental releases of concern.

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/20/1994
Comments: Phase I Environmental Site Assessment covers the Cypress Semiconductor facilities and operations at 3901 North First Street and 195 Champion Court in San Jose.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/22/2006
Comments: Phase I Environmental Site Assessment Report for Cypress Semiconductor facilities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/24/2011
Comments: Phase I Environmental Site Assessment for SVTC Technologies at 3901 North First Street.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/15/2013
Comments: The Post Closure Report documents activities performed as part of the closure of the SVTC facility under San Jose Fire Department oversight. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/11/2014
Comments: The Report documents the results of soil, groundwater, and soil vapor sampling at 3901 North First Street to show there was not a release of volatile organic compounds at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/10/2014
Comments: An addendum to the June 11, 2014 Soil, Vapor & Groundwater report to provide additional information on the vapor sampling protocol, sampling locations, and additional details requested by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/05/2014
Comments: Letter from the County of Santa Clara, Hazardous Material Compliance Division approving of the Post Closure Report for the facility and acknowledging closure of the neutralization treatment unit that was operated under the Conditional Authorization permit tier.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

Completed Document Type: Correspondence
Completed Date: 05/12/2014
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Facility ID: 43990001
Status: Certified
Status Date: 03/27/1990
Site Code: 200071
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 4.6
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Orphan Funds
Latitude: 37.41195
Longitude: -121.9504
APN: 097-53-009
Past Use: AGRICULTURAL - ORCHARD
Potential COC: 1,2-Dibromoethane (EDB
Confirmed COC: 1,2-Dibromoethane (EDB
Potential Description: AQUI
Alias Name: CYPRESS SEMICONDUCTOR
Alias Type: Alternate Name
Alias Name: NORTH FIRST STREET PROPERTY
Alias Type: Alternate Name
Alias Name: NORTH FIRST STREET SITE
Alias Type: Alternate Name
Alias Name: NORTH FIRST STREET, SAN JOSE SITE
Alias Type: Alternate Name
Alias Name: 097-53-009
Alias Type: APN
Alias Name: CAD981159072
Alias Type: EPA Identification Number
Alias Name: 110033611893
Alias Type: EPA (FRS #)
Alias Name: 200071
Alias Type: Project Code (Site Code)
Alias Name: 43990001

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 10/15/1989
Comments: Approved RAP. Due to comments from the RWQCB, the draft RAP was modified to include a limited monitoring program, which is expected to last 10 years.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 10/31/1988
Comments: Updated status. Site was delisted from Expenditure Plan on 3/28/1990.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/01/1989
Comments: Fact sheet issued that describes investigation done to date and why State has concluded no further action is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 08/03/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 01/31/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 06/09/1994
Comments: The Remedial Action Plan approved by DTSC in 1989 specified that groundwater monitoring would be conducted on a yearly basis for ten years or until ethylene dibromide (EDB) was not detected in any of the monitoring wells for two consecutive sampling events. The Final Annual Groundwater Monitoring Report, dated January 31, 1994, showed that four quarters of groundwater monitoring had non-detects of EDB. Therefore, DTSC approved the cessation of the groundwater monitoring program at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/27/1990
Comments: Low levels of solvents exist, but was found to be low risk. No futher action is required at this site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

Completed Document Type: Amendment - Order/Agreement
Completed Date: 03/28/1990
Comments: Delisted Site. Although the state MCL of .05 ppb for ethylene dibromide (EDB) in drinking water was not met (421 ppb EDB was detected in monitoring well #3), the state chose the "no further action" alternative based on the results of the RI which indicated that the EDB at the site does not pose a signifigant risk to the public health, safety, or the environment. An aquitard separates waters from the upper, saturated, EDB contaminated zone from those of the lower aquifer. Because of its high salinity, the upper, contaminated water is not likely to be used for drinking water even if the EDB was not present. EDB has been found only in one well (#3). Land around the site has been covered by parking lots, landscaping, or buildings such that no native soils are evident at the surface. Below this is 1.5-3.5 feet of non-native fill brought in during the development of the industrial park. The contamination appears to be historical in nature, rather than on-going, so contamination should decrease with time. EDB breaks down into non-carcenogenic, less toxic compounds. Its half-life is anywhere from 5 days to fourteen years. Since public health, welfare, and the environment are not threatened by the site, implementation of removal or remedial measures was deemed not necessary. The site is in limited monitoring involving the sampling and analysis of 5 ground water wells for a period of 10 years.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 04/22/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 04/25/1994
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST UST:
File Number: 0002D227
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D227.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

FTTS:
Case Number: Not reported
Docket Number: EPCRA09-90-0016
Complaint Issue Date: 07/06/90
Abatement Amount: 0.0000
Proposed Penalty: 151000.0000
Final Assessment: 30000.0000
Final Order Date: 11/15/91
Close Date: / /
Violations(s): EPCRA, Nonreporting/Failure to RPT to EPA

FTTS INSP:
Inspection Number: 19890720R0901 3
Region: 09
Inspection Date: 07/20/89
Inspector: GREENWALT
Violation occurred: Yes
Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: User

HIST FTTS:
Case Number: Not reported
Docket Number: EPCRA09-90-0016
Complaint Issue Date: 07/06/1990
Abatement Amount: 0.0000
Proposed Penalty: 151000.0000
Final Assessment: 30000.0000
Final Order Date: 11/15/1991
Close Date: / /
Violations(s): EPCRA, Nonreporting/Failure to RPT to EPA

HIST FTTS INSP:
Inspection Number: 19890720R0901 3
Region: 09
Inspection Date: Not reported
Inspector: GREENWALT
Violation occurred: Yes

**SVTC TECHNOLOGIES LLC (Continued)** **1000356572**

Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: User

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**91**
**ENE**
**1/2-1**
**0.823 mi.**
**4345 ft.**

**TWIN CREEKS TECHNOLOGIES, INC.**
**3930 N. FIRST STREET**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR** **S103656937**
**N/A**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

ENVIROSTOR:
Facility ID: 71002098
Status: Inactive - Needs Evaluation
Status Date: 05/11/2009
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.41442
Longitude: -121.9506
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAR000199919
Alias Type: EPA Identification Number
Alias Name: 71002098
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/07/2010
Comments: Phase I checklist indicates no further action. This has not been verified by DTSC.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported

**TWIN CREEKS TECHNOLOGIES, INC. (Continued)** **S103656937**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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**92**
**NNE**
**1/2-1**
**0.935 mi.**
**4939 ft.**

**SILICON GENESIS CORPORATION**
**145 BAYTECH DRIVE**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR** **S111760634**
**N/A**

**Relative:**
**Lower**

**Actual:**
**7 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 60002120 |
| Status: | Active |
| Status Date: | 11/17/2014 |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | 0.3 |
| NPL: | NO |
| Regulatory Agencies: | HWMP |
| Lead Agency: | HWMP |
| Program Manager: | Not reported |
| Supervisor: | Referred - Not Assigned |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Responsible Party |
| Latitude: | 37.42227 |
| Longitude: | -121.9561 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | 60002120 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Phase 1 |
| Completed Date: | 11/17/2014 |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

| | | | |
|---|---|---|---|
| **93<br>ENE<br>1/2-1<br>0.936 mi.<br>4944 ft.** | **LUMENTUM OPERATIONS LLC 80 ROW SITE<br>80 ROSE ORCHARD WAY<br>SAN JOSE, CA 95134** | **RCRA-LQG<br>CA ENVIROSTOR<br>FINDS<br>ECHO** | **1000181199<br>CAD981997513** |

**Relative:**
**Higher**

**Actual:**
**12 ft.**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 02/26/2016 |
| Facility name: | LUMENTUM OPERATIONS LLC 80 ROW SITE |
| Facility address: | 80 ROSE ORCHARD WAY<br>SAN JOSE, CA 95134 |
| EPA ID: | CAD981997513 |
| Mailing address: | ROSE ORCHARD WAY<br>SAN JOSE, CA 95134 |
| Contact: | SERGEI PACHT |
| Contact address: | ROSE ORCHARD WAY<br>SAN JOSE, CA 95134 |
| Contact country: | US |
| Contact telephone: | 408-750-3861 |
| Contact email: | SERGEI.PACHT@LUMENTUM.COM |
| EPA Region: | 09 |
| Land type: | Private |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | LUMENTUM OPERATIONS LLC |
| Owner/operator address: | NORTH MCCARTHY BLVD<br>MILPITAS, CA 95035 |
| Owner/operator country: | US |
| Owner/operator telephone: | 408-546-5483 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 08/01/2015 |
| Owner/Op end date: | Not reported |
| | |
| Owner/operator name: | JDS UNIPHASE |
| Owner/operator address: | Not reported<br>Not reported |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

Owner/Operator Type: Operator
Owner/Op start date: 01/15/2001
Owner/Op end date: Not reported

Owner/operator name: LUMENTUM OPERATIONS LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/01/2015
Owner/Op end date: Not reported

Owner/operator name: JDS UNIPHASE
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/15/2001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 411
. Waste name: Alum and gypsum sludge

. Waste code: 441
. Waste name: Sulfur sludge

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 581
. Waste name: Gas scrubber waste

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Historical Generators:
Date form received by agency: 08/06/2015
Site name: LUMENTUM OPERATIONS LLC 80 ROSE ORCHARD WAY SITE
Classification: Large Quantity Generator

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 291
. Waste name: Latex waste

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 725
. Waste name: Liquids with mercury > 20 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Date form received by agency: 03/01/2014
Site name: JDSU 80 ROSE ORCHARD WAY SITE
Classification: Large Quantity Generator

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/05/2012
Site name: JDSU 80 ROSE ORCHARD WAY SITE
Classification: Large Quantity Generator

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D007
. Waste name: CHROMIUM

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: U151
. Waste name: MERCURY

Date form received by agency: 06/03/2010
Site name: JDS UNIPHSE CORP - ROSE ORCHARD SITE
Classification: Large Quantity Generator

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 223
. Waste name: Unspecified oil-containing waste

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 791
. Waste name: Liquids with pH < 2

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Date form received by agency: 02/29/2008
Site name: JDS UNIPHASE CORP - ROSE ORCHARD SITE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D009
. Waste name: MERCURY

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

Date form received by agency: 03/01/2006
Site name: JDS UNIPHASE 80 ROSE ORCHARD WAY
Classification: Large Quantity Generator

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 741
. Waste name: Liquids with halogenated organic compounds > 1000 mg/l

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/28/2002

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

Site name: JDS UNIPHASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/12/2000
Site name: SDL, INC
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: SDL, INC.
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: SPECTRA DIODE LABS
Classification: Large Quantity Generator

Date form received by agency: 03/22/1996
Site name: SDL, INC
Classification: Large Quantity Generator

Date form received by agency: 05/27/1987
Site name: SPECTRA DIODE LABS
Classification: Large Quantity Generator

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 65665.5

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 1093

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 1727.3

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 55371

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 17124.3

Waste code: D008
Waste name: LEAD
Amount (Lbs): 21

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 3667

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

Facility Has Received Notices of Violations:

| | |
|---|---|
| Regulation violated: | Not reported |
| Area of violation: | Generators - General |
| Date violation determined: | 05/08/2008 |
| Date achieved compliance: | 07/15/2008 |
| Violation lead agency: | State |
| Enforcement action: | WRITTEN INFORMAL |
| Enforcement action date: | 05/08/2008 |
| Enf. disposition status: | Not reported |
| Enf. disp. status date: | Not reported |
| Enforcement lead agency: | State |
| Proposed penalty amount: | Not reported |
| Final penalty amount: | Not reported |
| Paid penalty amount: | Not reported |

| | |
|---|---|
| Regulation violated: | Not reported |
| Area of violation: | Generators - General |
| Date violation determined: | 03/09/2005 |
| Date achieved compliance: | 04/07/2005 |
| Violation lead agency: | State |
| Enforcement action: | WRITTEN INFORMAL |
| Enforcement action date: | 03/09/2005 |
| Enf. disposition status: | Not reported |
| Enf. disp. status date: | Not reported |
| Enforcement lead agency: | State |
| Proposed penalty amount: | Not reported |
| Final penalty amount: | Not reported |
| Paid penalty amount: | Not reported |

Evaluation Action Summary:

| | |
|---|---|
| Evaluation date: | 05/08/2008 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - General |
| Date achieved compliance: | 07/15/2008 |
| Evaluation lead agency: | State |

| | |
|---|---|
| Evaluation date: | 03/09/2005 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - General |
| Date achieved compliance: | 04/07/2005 |
| Evaluation lead agency: | State Contractor/Grantee |

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71002948 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.41397
Longitude: -121.9485
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981997513
Alias Type: EPA Identification Number
Alias Name: 110009541674
Alias Type: EPA (FRS #)
Alias Name: 71002948
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110009541674

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS AIR POLLUTANT MAJOR

HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000181199 |
| Registry ID: | 110009541674 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110009541674 |

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**94**
**ESE**
**1/2-1**
**0.959 mi.**
**5063 ft.**

**PANTRONIX CORP. - SAN JOSE**
**145 RIO ROBLES DRIVE**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR** **S108749644**
**N/A**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71003204 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.40605 |
| Longitude: | -121.9477 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAL000003421 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110000784964 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 71003204 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |

**PANTRONIX CORP. - SAN JOSE (Continued)** **S108749644**

| | |
|---|---|
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |
| | |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

Count: 1 records.

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|---|---|---|---|---|---|
| ALVISO | S101482387 | MARSHLAND DEVELOPMENTS, INC | GOLD STREET, NEAR SAN TOMAS AQ | 95002 | CA ENVIROSTOR |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### *Federal NPL site list*

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

| | |
|---|---|
| Date of Government Version: 12/11/2017 | Source: EPA |
| Date Data Arrived at EDR: 12/22/2017 | Telephone: N/A |
| Date Made Active in Reports: 01/05/2018 | Last EDR Contact: 05/30/2018 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 07/16/2018 |
| | Data Release Frequency: Quarterly |

***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

| | |
|---|---|
| Date of Government Version: 11/07/2016 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/05/2017 | Telephone: 703-603-8704 |
| Date Made Active in Reports: 04/07/2017 | Last EDR Contact: 04/06/2018 |
| Number of Days to Update: 92 | Next Scheduled EDR Contact: 07/16/2018 |
| | Data Release Frequency: Varies |

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

| | |
|---|---|
| Date of Government Version: 01/09/2018 | Source: EPA |
| Date Data Arrived at EDR: 02/06/2018 | Telephone: 800-424-9346 |
| Date Made Active in Reports: 04/13/2018 | Last EDR Contact: 05/30/2018 |
| Number of Days to Update: 66 | Next Scheduled EDR Contact: 07/30/2018 |
| | Data Release Frequency: Quarterly |

***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 66

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Quarterly

***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

***Federal institutional controls / engineering controls registries***

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/16/2018
Date Data Arrived at EDR: 02/22/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 78

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

***Federal ERNS list***

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

***State- and tribal - equivalent NPL***

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/30/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

***State- and tribal - equivalent CERCLIS***

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 01/30/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/12/2018
Date Data Arrived at EDR: 02/14/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 48

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

***State and tribal leaking storage tank lists***

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 7

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/24/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/06/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/16/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 7

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

***State and tribal registered storage tank lists***

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 15

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/21/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 01/13/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 134

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/24/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/16/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

***State and tribal voluntary cleanup sites***

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/21/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 01/30/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

***State and tribal Brownfields sites***

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Brownfield lists***

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/21/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

***Local Lists of Landfill / Solid Waste Disposal Sites***

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 02/08/2018
Date Data Arrived at EDR: 02/09/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 39

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/30/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/04/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 01/30/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2017
Date Data Arrived at EDR: 08/18/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Quarterly

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

***Local Lists of Registered Storage Tanks***

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 02/28/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 27

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 04/19/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

***Local Land Records***

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 01/28/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 46

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 94

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing
Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 02/08/2018
Date Data Arrived at EDR: 02/08/2018
Date Made Active in Reports: 02/08/2018
Number of Days to Update: 0

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

***Records of Emergency Release Reports***

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 51

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 7

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

***Other Ascertainable Records***

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 01/11/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/23/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/09/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 94

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/20/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 04/09/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/04/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/27/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 01/04/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 99

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 79

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 01/25/2018
Date Data Arrived at EDR: 02/28/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 72

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 87

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 28

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 73

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 06/01/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 02/25/2018
Date Data Arrived at EDR: 03/17/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 30

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA SAN FRANCISCO CO
Cupa facilities

Date of Government Version: 04/20/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 39

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

DRYCLEAN AVAQMD: DRYCLEAN AVAQMD
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 52

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: DRYCLEAN SOUTH COAST
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/16/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 36

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 147

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 54

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/20/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 60

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/14/2018
Date Data Arrived at EDR: 02/16/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 46

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 97

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/12/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Annually

ICE: ICE
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 41

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 03/14/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 04/19/2018
Number of Days to Update: 45

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/23/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 04/13/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/21/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Varies

UIC GEO: UIC GEO (GEOTRACKER)
Underground control injection sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

PROD WATER PONDS: PROD WATER PONDS (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

PROJECT: PROJECT (GEOTRACKER)
Projects sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

NON-CASE INFO: NON-CASE INFO (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

OTHER OIL GAS: OTHER OIL & GAS (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

SAMPLING POINT: SAMPLING POINT (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

WELL STIM PROJ: WELL SAMP PROJ (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CIWQS: The California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 60

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

**EDR HIGH RISK HISTORICAL RECORDS**

***EDR Exclusive Records***

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

**EDR RECOVERED GOVERNMENT ARCHIVES**

***Exclusive Recovered Govt. Archives***

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**COUNTY RECORDS**

ALAMEDA COUNTY:

Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 65

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List
Cupa Facility List

Date of Government Version: 03/31/2018
Date Data Arrived at EDR: 04/05/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 70

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 05/09/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 36

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/26/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 02/26/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 14

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 48

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/30/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 44

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 39

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/30/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 9

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/06/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/30/2018
Number of Days to Update: 53

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 50

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 54

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/14/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/09/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 34

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/16/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 04/16/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 60

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/16/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/17/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/17/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/22/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 40

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 03/30/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 28

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 01/11/2018
Date Data Arrived at EDR: 01/12/2018
Date Made Active in Reports: 02/08/2018
Number of Days to Update: 27

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 15

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 18

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 30

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 45

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/25/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/05/2018
Date Data Arrived at EDR: 02/13/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 49

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/05/2018
Date Data Arrived at EDR: 02/13/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 35

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2018
Date Data Arrived at EDR: 02/07/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 49

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/15/2018
Date Data Arrived at EDR: 03/19/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 46

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 50

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 71

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 76

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 11/17/2017
Number of Days to Update: 14

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 69

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 40

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/23/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 11

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/20/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 43

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/14/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/15/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/20/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/04/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 42

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 52

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 16

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 20

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/22/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/09/2018
Number of Days to Update: 33

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/22/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 35

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/16/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 01/08/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/30/2018
Number of Days to Update: 29

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List
Cupa facilities

Date of Government Version: 01/26/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 47

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

TULARE COUNTY:

CUPA Facility List
Cupa program facilities

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 04/17/2018
Number of Days to Update: 26

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/16/2018
Number of Days to Update: 50

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/26/2017
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 48

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/26/2017
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 54

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/28/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/30/2018
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 31

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/10/2018
Date Data Arrived at EDR: 05/15/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 31

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/25/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

**OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 02/14/2018
Date Made Active in Reports: 03/22/2018
Number of Days to Update: 36

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 107

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/23/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/12/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

**STREET AND ADDRESS INFORMATION**

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# GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

**TARGET PROPERTY ADDRESS**

2263 CALLE DEL MUNDO
2263 CALLE DEL MUNDO
SANTA CLARA, CA 95054

**TARGET PROPERTY COORDINATES**

| | |
|---|---|
| Latitude (North): | 37.410392 - 37˚ 24' 37.41'' |
| Longitude (West): | 121.965133 - 121˚ 57' 54.48'' |
| Universal Tranverse Mercator: | Zone 10 |
| UTM X (Meters): | 591584.8 |
| UTM Y (Meters): | 4140698.2 |
| Elevation: | 9 ft. above sea level |

**USGS TOPOGRAPHIC MAP**

| | |
|---|---|
| Target Property Map: | 5640070 MILPITAS, CA |
| Version Date: | 2012 |

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

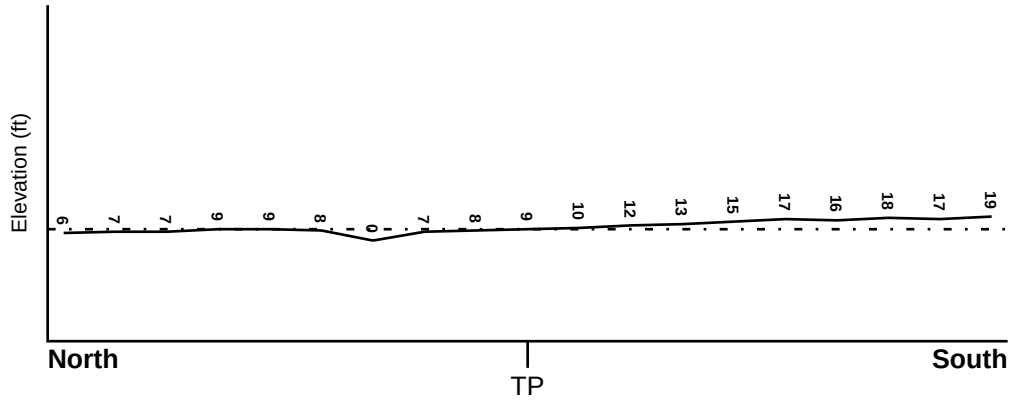
**TOPOGRAPHIC INFORMATION**

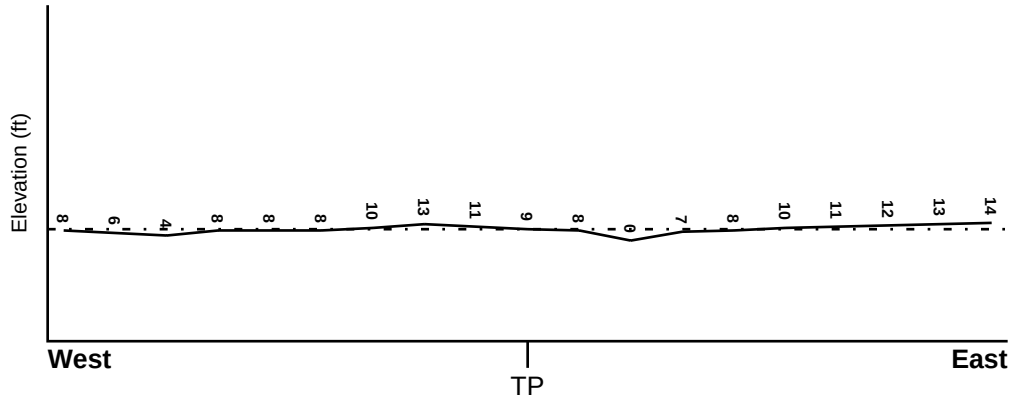
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

**TARGET PROPERTY TOPOGRAPHY**

General Topographic Gradient: General ENE

**SURROUNDING TOPOGRAPHY: ELEVATION PROFILES**




**Target Property Elevation: 9 ft.**

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE**

| Flood Plain Panel at Target Property | FEMA Source Type |
|---|---|
| 06085C0062J | FEMA FIRM Flood data |

| Additional Panels in search area: | FEMA Source Type |
|---|---|
| 06085C0061H | FEMA FIRM Flood data |
| 06085C0063H | FEMA FIRM Flood data |
| 06085C0064H | FEMA FIRM Flood data |

**NATIONAL WETLAND INVENTORY**

| NWI Quad at Target Property | NWI Electronic Data Coverage |
|---|---|
| MILPITAS | YES - refer to the Overview Map and Detail Map |

**HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

***Site-Specific Hydrogeological Data*:***

| | |
|---|---|
| Search Radius: | 1.25 miles |
| Location Relative to TP: | 1 - 2 Miles West |
| Site Name: | DYSAN CORPORATION |
| Site EPA ID Number: | CAD063541445 |
| Groundwater Flow Direction: | N ON A REGIONAL BASIS. |
| Measured Depth to Water: | 5 feet to 7 feet. |
| Hydraulic Connection: | The shallow aquifer and lower usable aquifer present at a depth of approximately 200 to 250 feet are separated by a continuous clay layer. |
| Sole Source Aquifer: | No information about a sole source aquifer is available |
| Data Quality: | Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s) |

**AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

| MAP ID | LOCATION FROM TP | GENERAL DIRECTION GROUNDWATER FLOW |
|---|---|---|
| Not Reported | | |

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

**GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

**ROCK STRATIGRAPHIC UNIT**

| | |
|---|---|
| Era: | Cenozoic |
| System: | Quaternary |
| Series: | Quaternary |
| Code: | Q *(decoded above as Era, System & Series)* |

**GEOLOGIC AGE IDENTIFICATION**

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

**DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

| | |
|---|---|
| Soil Component Name: | REYES |
| Soil Surface Texture: | clay |
| Hydrologic Group: | Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer. |
| Soil Drainage Class: | Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet. |

Hydric Status: Soil does not meet the requirements for a hydric soil.

| | |
|---|---|
| Corrosion Potential - Uncoated Steel: | HIGH |
| Depth to Bedrock Min: | > 60 inches |
| Depth to Bedrock Max: | > 60 inches |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | | |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | Permeability Rate (in/hr) | Soil Reaction (pH) |
| 1 | 0 inches | 14 inches | clay | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt. | Max: 0.20<br>Min: 0.06 | Max: 6.50<br>Min: 3.60 |
| 2 | 14 inches | 63 inches | clay | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt. | Max: 0.20<br>Min: 0.06 | Max: 6.00<br>Min: 3.60 |

**OTHER SOIL TYPES IN AREA**

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: mucky - clay
silty clay loam
loam
clay loam
silt loam

Surficial Soil Types: mucky - clay
silty clay loam
loam
clay loam
silt loam

Shallow Soil Types: clay

Deeper Soil Types: mucky - clay
cobbly - clay loam
clay loam
stratified
silty clay loam

**LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

| DATABASE | SEARCH DISTANCE (miles) |
|---|---|
| Federal USGS | 1.000 |
| Federal FRDS PWS | Nearest PWS within 0.001 miles |
| State Database | 1.000 |

## FEDERAL USGS WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| No Wells Found | | |

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| No PWS System Found | | |

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| 1 | 6843 | 1/2 - 1 Mile SE |

# PHYSICAL SETTING SOURCE MAP - 5339729.2s

County Boundary
Major Roads
Contour Lines
Earthquake Fault Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Closest Hydrogeological Data
Oil, gas or related wells

| | |
|---|---|
| SITE NAME: 2263 Calle Del Mundo | CLIENT: Allwest Environmental Inc. |
| ADDRESS: 2263 Calle Del Mundo<br>Santa Clara CA 95054 | CONTACT: Belinda Blackie<br>INQUIRY #: 5339729.2s |
| LAT/LONG: 37.410392 / 121.965133 | DATE: June 21, 2018 11:22 am |

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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | Database | EDR ID Number |
|---|---|---|
| **1**<br>**SE**<br>**1/2 - 1 Mile**<br>**Higher** | **CA WELLS** | **6843** |

**Water System Information:**

| | | | |
|---|---|---|---|
| Prime Station Code: | 06S/01W-22B01 M | User ID: | HEN |
| FRDS Number: | 4310012020 | County: | Santa Clara |
| District Number: | 05 | Station Type: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Water Type: | Well/Groundwater | Well Status: | Inactive Raw |
| Source Lat/Long: | 372401.0 1215719.0 | Precision: | 1 Mile (One Minute) |
| Source Name: | WELL 19 - INACTIVE | | |
| System Number: | 4310012 | | |
| System Name: | City of Santa Clara | | |
| Organization That Operates System: | | | |
| | 1500 WARBURTON AVE | | |
| | SANTA CLARA, CA 95050 | | |
| Pop Served: | 94925 | Connections: | 23702 |
| Area Served: | SANTA CLARA CITY | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
# RADON

**AREA RADON INFORMATION**

State Database: CA Radon

Radon Test Results

| Zipcode | Num Tests | > 4 pCi/L |
|---|---|---|
| 95054 | 9 | 0 |

Federal EPA Radon Zone for SANTA CLARA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for Zip Code: 95054

Number of sites tested: 1

| Area | Average Activity | % <4 pCi/L | % 4-20 pCi/L | % >20 pCi/L |
|---|---|---|---|---|
| Living Area - 1st Floor | 0.700 pCi/L | 100% | 0% | 0% |
| Living Area - 2nd Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Basement | Not Reported | Not Reported | Not Reported | Not Reported |

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

**STREET AND ADDRESS INFORMATION**

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**2263 Calle Del Mundo**

2263 Calle Del Mundo

Santa Clara, CA 95054

Inquiry Number: 5339729.8

June 21, 2018

# The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

# EDR Aerial Photo Decade Package

06/21/18

**Site Name:**

2263 Calle Del Mundo
2263 Calle Del Mundo
Santa Clara, CA 95054
EDR Inquiry # 5339729.8

**Client Name:**

Allwest Environmental Inc.
2141 Mission Street, Suite 100
San Francisco, CA 94110
Contact: Belinda Blackie

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

***Search Results:***

| *Year* | *Scale* | *Details* | *Source* |
|---|---|---|---|
| 2016 | 1"=500' | Flight Year: 2016 | USDA/NAIP |
| 2012 | 1"=500' | Flight Year: 2012 | USDA/NAIP |
| 2009 | 1"=500' | Flight Year: 2009 | USDA/NAIP |
| 2006 | 1"=500' | Flight Year: 2006 | USDA/NAIP |
| 1998 | 1"=500' | Flight Date: September 06, 1998 | USDA |
| 1993 | 1"=500' | Acquisition Date: June 16, 1993 | USGS/DOQQ |
| 1982 | 1"=500' | Flight Date: July 05, 1982 | USDA |
| 1979 | 1"=500' | Flight Date: August 16, 1979 | USDA |
| 1974 | 1"=500' | Flight Date: June 06, 1974 | USGS |
| 1968 | 1"=500' | Flight Date: June 14, 1968 | USGS |
| 1963 | 1"=500' | Flight Date: June 23, 1963 | USGS |
| 1956 | 1"=500' | Flight Date: June 09, 1956 | USDA |
| 1950 | 1"=500' | Flight Date: April 01, 1950 | USDA |
| 1948 | 1"=500' | Flight Date: September 26, 1948 | USDA |
| 1939 | 1"=500' | Flight Date: July 31, 1939 | USDA |

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INQUIRY #: 5339729.8
YEAR: 2016
= 500'
N
EDR

INQUIRY #: 5339729.8
YEAR: 2012
= 500'
N
EDR

INQUIRY #: 5339729.8
YEAR: 2009
= 500'
N
EDR

INQUIRY #: 5339729.8
YEAR: 2006
= 500'
N
EDR

INQUIRY #: 5339729.8
YEAR: 1998
= 500'
N
EDR

INQUIRY #: 5339729.8
YEAR: 1993
= 500'
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EDR

INQUIRY #: 5339729.8
YEAR: 1982
= 500'
N
EDR

INQUIRY #: 5339729.8
YEAR: 1979
= 500'
N
EDR

INQUIRY #: 5339729.8
YEAR: 1974
= 500'
N
EDR

INQUIRY #: 5339729.8
YEAR: 1968
= 500'
N
EDR

INQUIRY #: 5339729.8
YEAR: 1963
= 500'
N
EDR

INQUIRY #: 5339729.8
YEAR: 1956
= 500'
N
EDR

INQUIRY #: 5339729.8
YEAR: 1950
= 500'
N
EDR

INQUIRY #: 5339729.8
YEAR: 1948
= 500'
N
EDR

INQUIRY #: 5339729.8
YEAR: 1939
= 500'
N
EDR

2263 Calle Del Mundo

2263 Calle Del Mundo

Santa Clara, CA 95054

Inquiry Number: 5339729.3

June 21, 2018

# Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

# Certified Sanborn® Map Report

06/21/18

| Site Name: | Client Name: |
|---|---|
| 2263 Calle Del Mundo | Allwest Environmental Inc. |
| 2263 Calle Del Mundo | 2141 Mission Street, Suite 100 |
| Santa Clara, CA 95054 | San Francisco, CA 94110 |
| EDR Inquiry # 5339729.3 | Contact: Belinda Blackie |

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## *Certified Sanborn Results:*

**Certification #** E190-4B76-B1E4

**PO #** NA

**Project** 18T023.20

**UNMAPPED PROPERTY**

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: E190-4B76-B1E4

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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2263 Calle Del Mundo

2263 Calle Del Mundo

Santa Clara, CA 95054

Inquiry Number: 5339729.4

June 21, 2018

# EDR Historical Topo Map Report

## with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

# EDR Historical Topo Map Report

06/21/18

| Site Name: | Client Name: |
|---|---|
| 2263 Calle Del Mundo | Allwest Environmental Inc. |
| 2263 Calle Del Mundo | 2141 Mission Street, Suite 100 |
| Santa Clara, CA 95054 | San Francisco, CA 94110 |
| EDR Inquiry # 5339729.4 | Contact: Belinda Blackie |

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Allwest Environmental Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

***Search Results:***

| | |
|---|---|
| **P.O.#** | NA |
| **Project:** | 18T023.20 |

***Coordinates:***

| | |
|---|---|
| **Latitude:** | 37.410392 37° 24' 37" North |
| **Longitude:** | -121.965133 -121° 57' 54" West |
| **UTM Zone:** | Zone 10 North |
| **UTM X Meters:** | 591582.48 |
| **UTM Y Meters:** | 4140902.56 |
| **Elevation:** | 9.00' above sea level |

**Maps Provided:**

| | |
|---|---|
| 2012 | 1889 |
| 1980 | |
| 1973 | |
| 1968 | |
| 1961 | |
| 1953 | |
| 1899 | |
| 1897 | |

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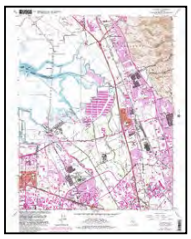
## *Topo Sheet Key*

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2012 Source Sheets

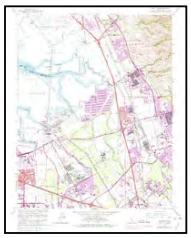
Milpitas
2012
7.5-minute, 24000

### 1980 Source Sheets



Milpitas
1980
7.5-minute, 24000
Aerial Photo Revised 1979

### 1973 Source Sheets



Milpitas
1973
7.5-minute, 24000
Aerial Photo Revised 1973

### 1968 Source Sheets

Milpitas
1968
7.5-minute, 24000
Aerial Photo Revised 1968

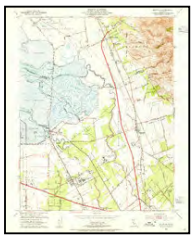
## *Topo Sheet Key*

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1961 Source Sheets

Milpitas
1961
7.5-minute, 24000
Aerial Photo Revised 1960

### 1953 Source Sheets



Milpitas
1953
7.5-minute, 24000
Aerial Photo Revised 1948

### 1899 Source Sheets

San Jose
1899
15-minute, 62500

### 1897 Source Sheets

San Jose
1897
15-minute, 62500

## *Topo Sheet Key*

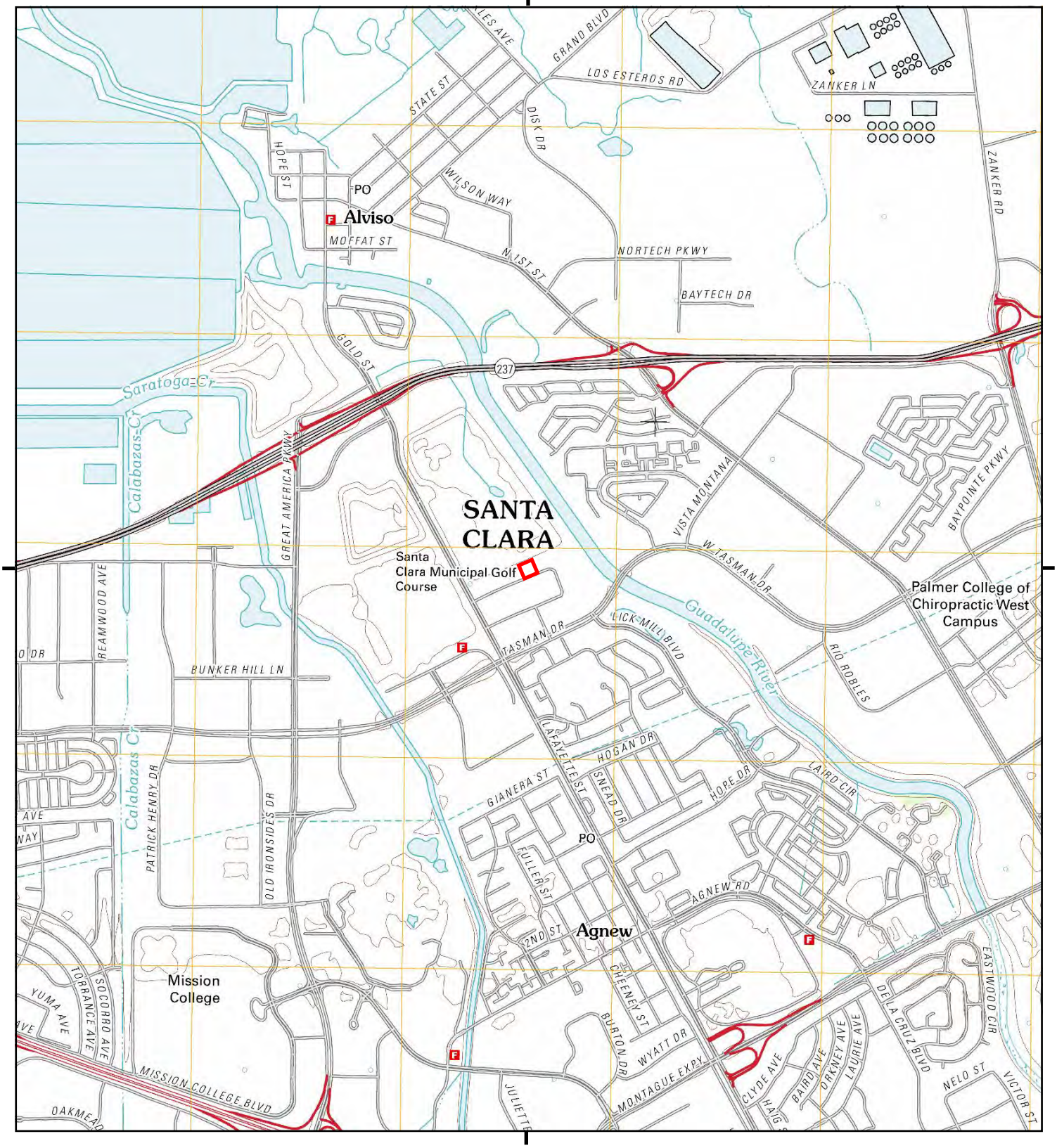
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1889 Source Sheets

San Jose
1889
15-minute, 62500

# Historical Topo Map

2012




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

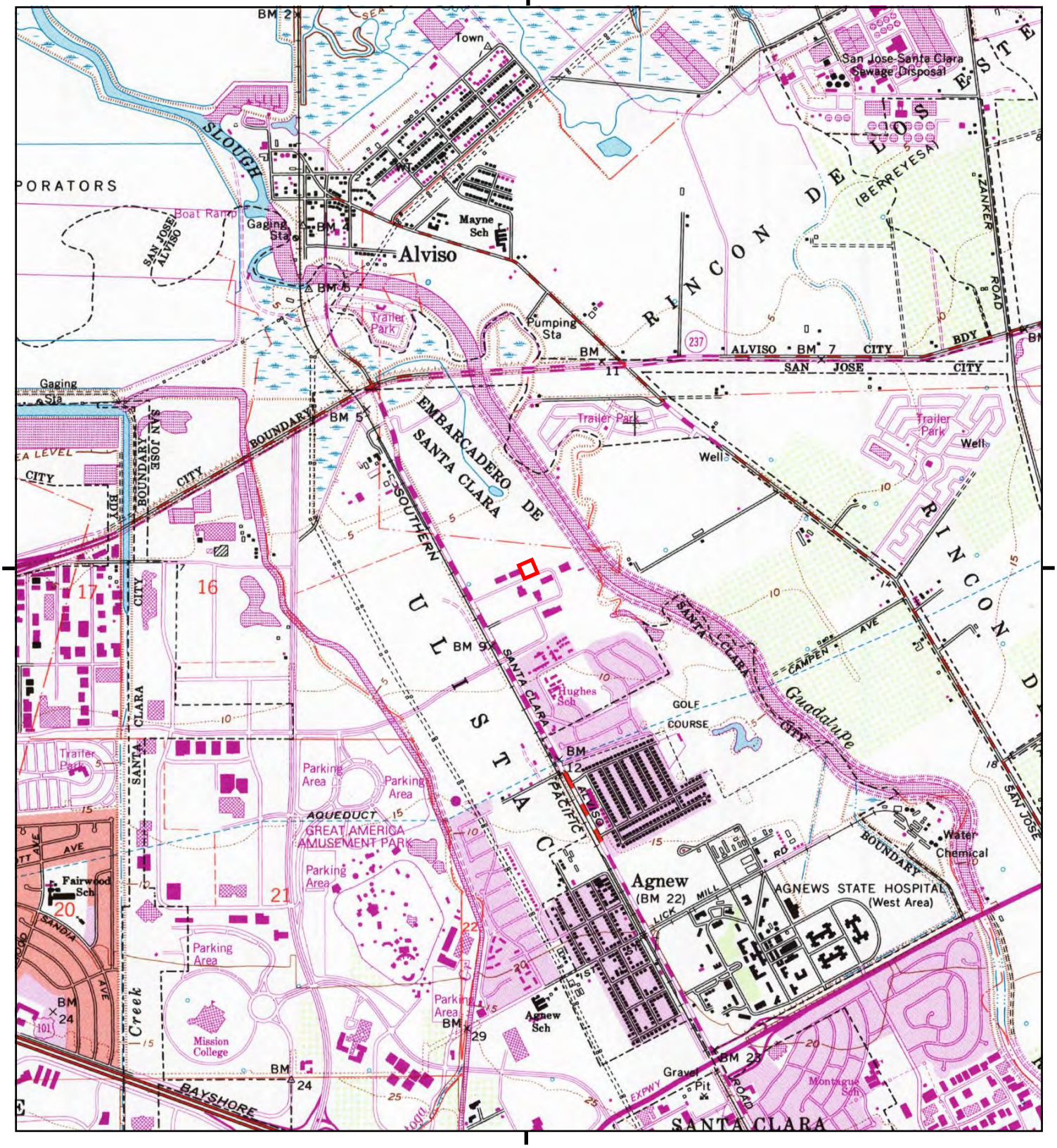
TP, Milpitas, 2012, 7.5-minute

SITE NAME: 2263 Calle Del Mundo
ADDRESS: 2263 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Allwest Environmental Inc.

N

# Historical Topo Map

1980




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

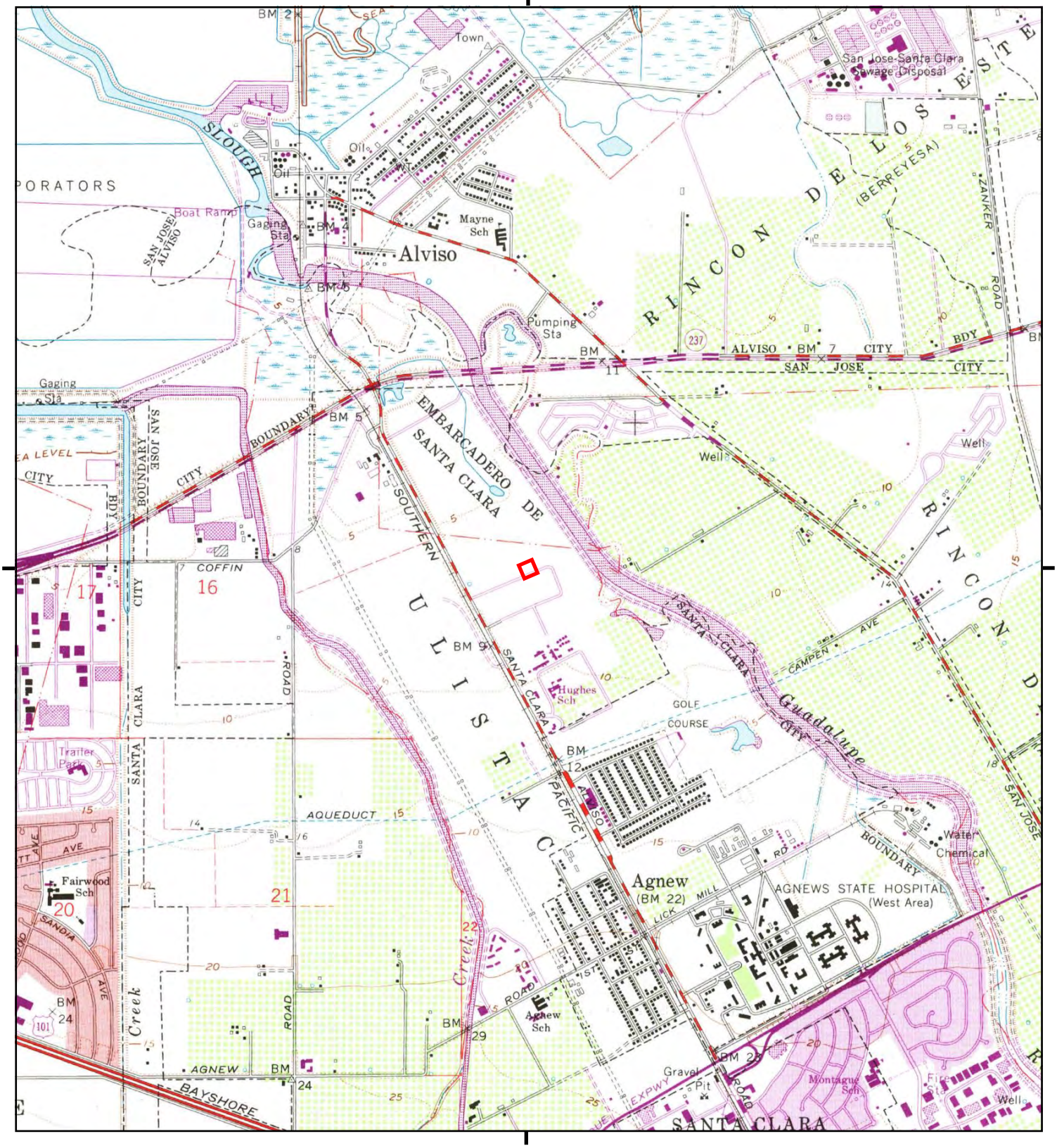
TP, Milpitas, 1980, 7.5-minute

SITE NAME: 2263 Calle Del Mundo
ADDRESS: 2263 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Allwest Environmental Inc.

N

# Historical Topo Map

1973




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

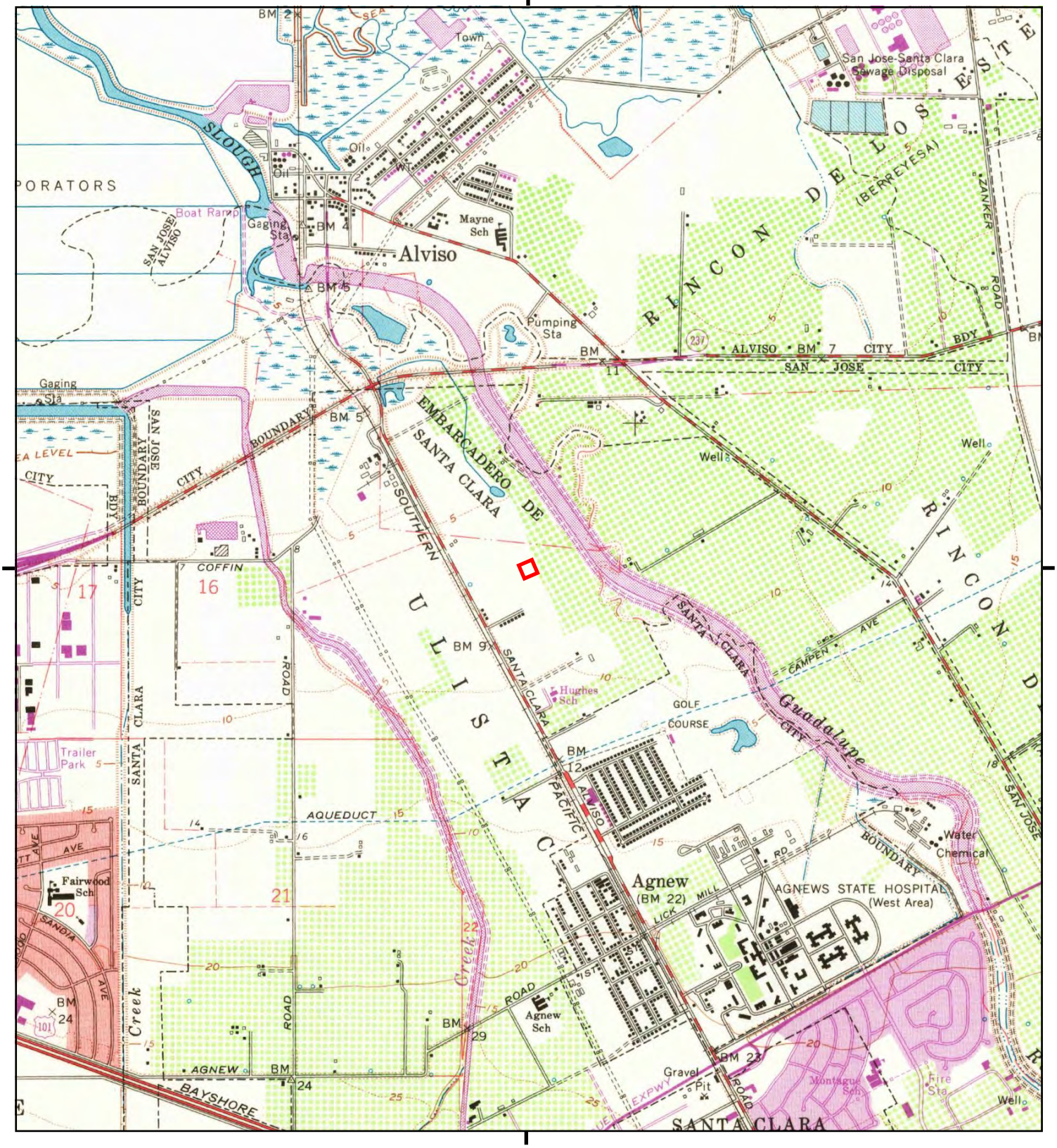
TP, Milpitas, 1973, 7.5-minute

SITE NAME: 2263 Calle Del Mundo
ADDRESS: 2263 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Allwest Environmental Inc.

N

# Historical Topo Map

1968




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

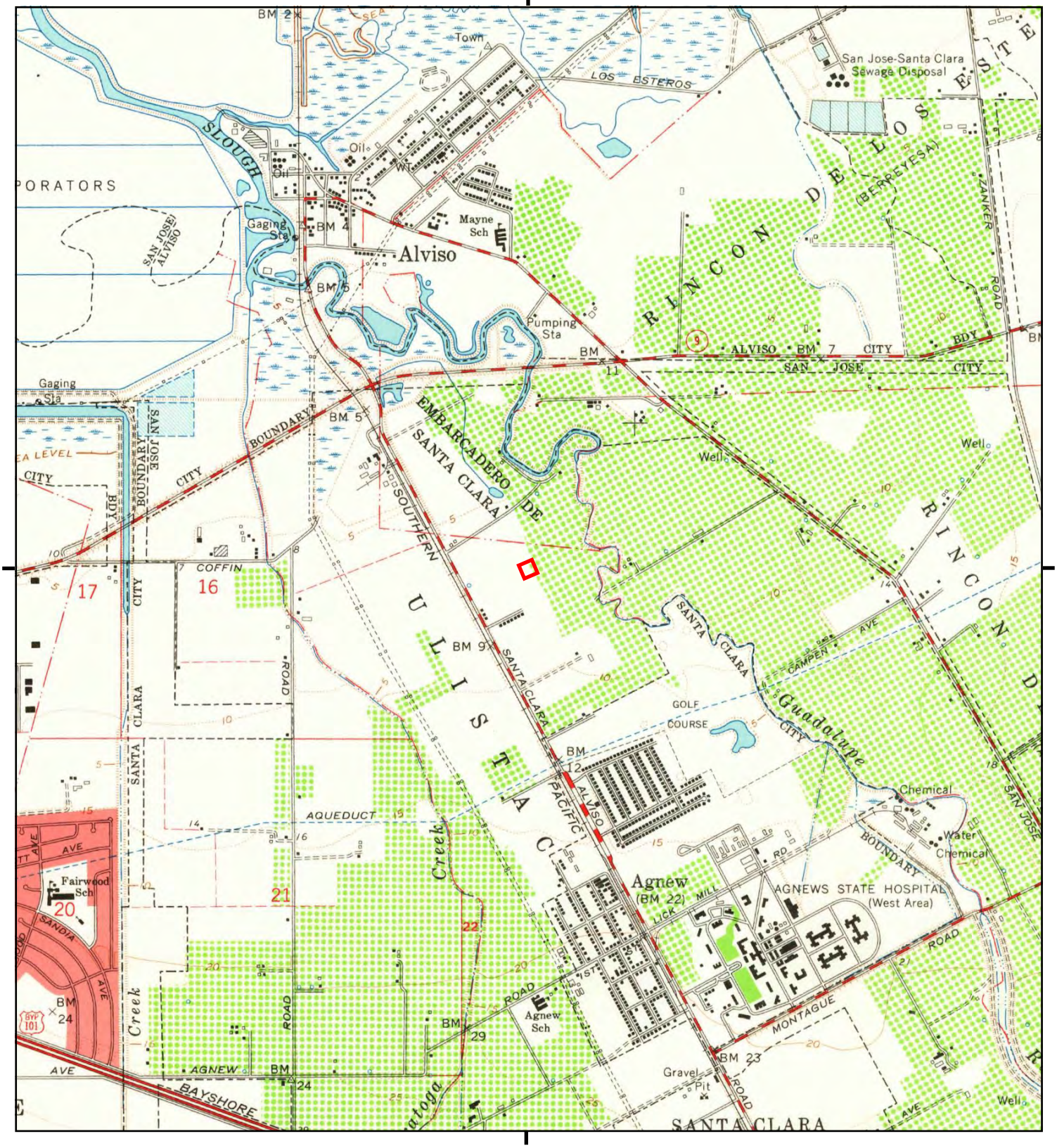
TP, Milpitas, 1968, 7.5-minute

SITE NAME: 2263 Calle Del Mundo
ADDRESS: 2263 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Allwest Environmental Inc.

N

# Historical Topo Map

1961




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

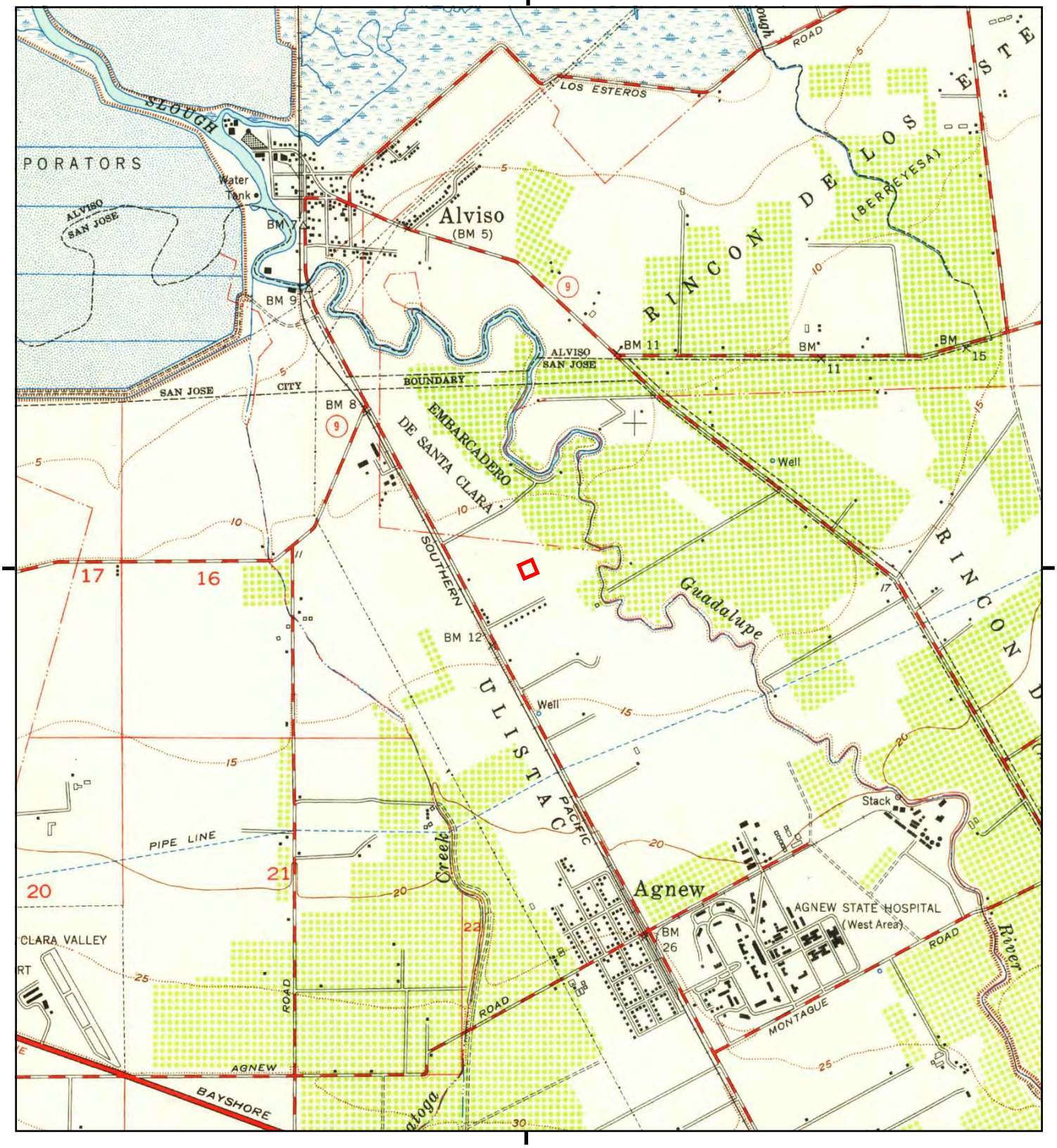
TP, Milpitas, 1961, 7.5-minute

SITE NAME: 2263 Calle Del Mundo
ADDRESS: 2263 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Allwest Environmental Inc.

N

# Historical Topo Map

1953




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

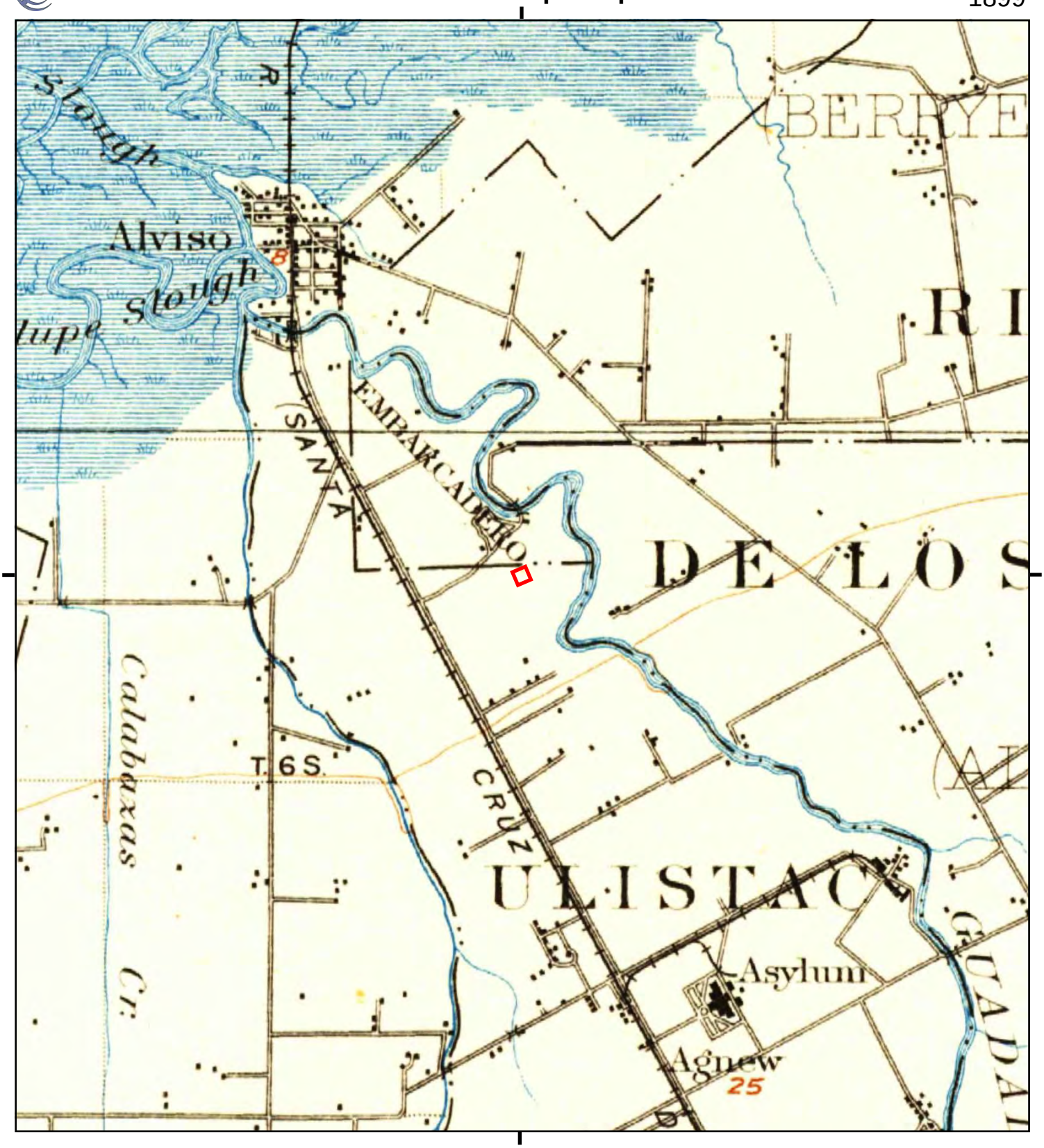
TP, Milpitas, 1953, 7.5-minute

SITE NAME: 2263 Calle Del Mundo
ADDRESS: 2263 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Allwest Environmental Inc.

N

# Historical Topo Map

1899




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Jose, 1899, 15-minute

SITE NAME: 2263 Calle Del Mundo
ADDRESS: 2263 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Allwest Environmental Inc.

N

# Historical Topo Map

1897

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

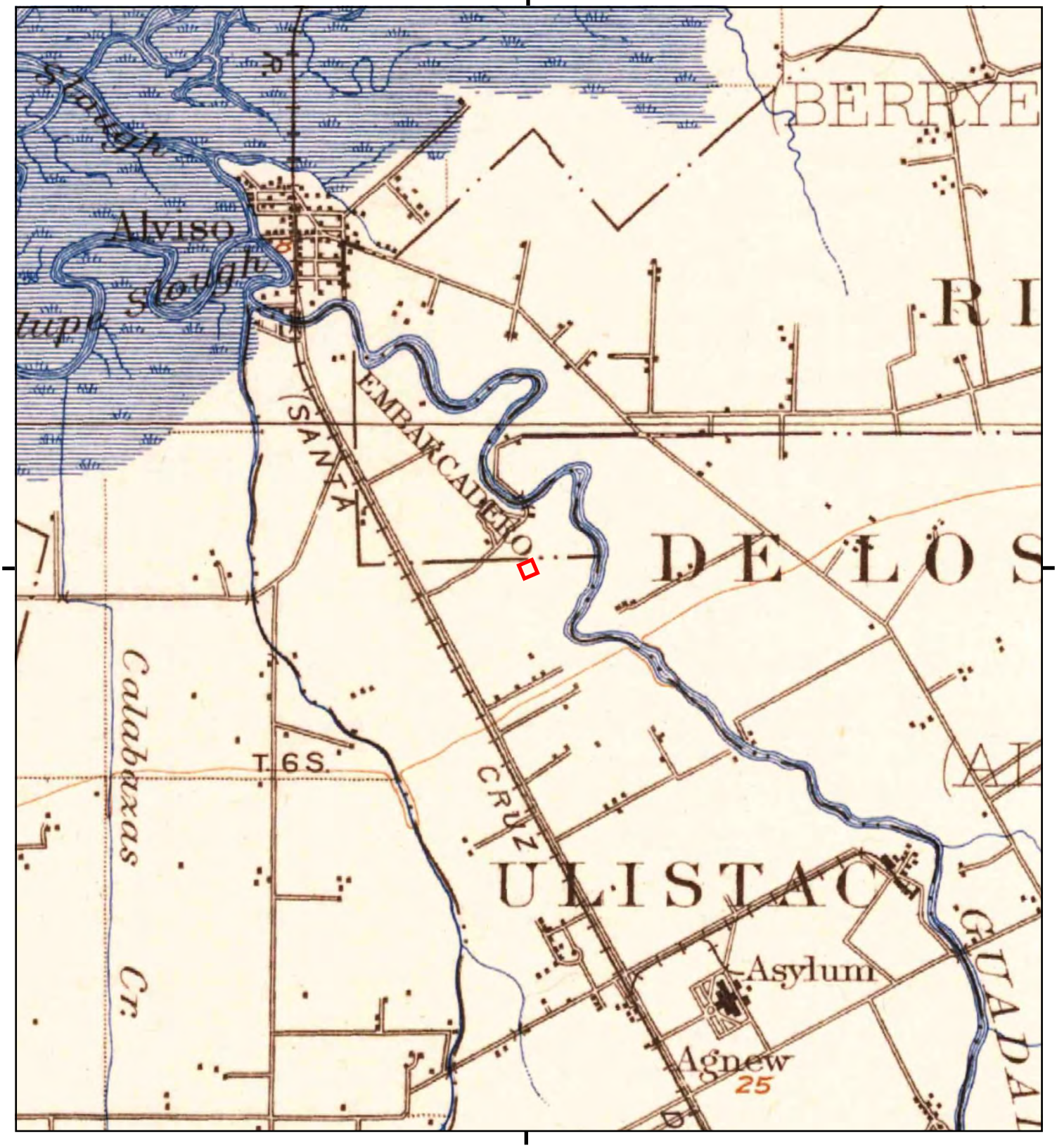
TP, San Jose, 1897, 15-minute

SITE NAME: 2263 Calle Del Mundo
ADDRESS: 2263 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Allwest Environmental Inc.

N

# Historical Topo Map

1889




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Jose, 1889, 15-minute

SITE NAME: 2263 Calle Del Mundo
ADDRESS: 2263 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Allwest Environmental Inc.

N

**2263 Calle Del Mundo**
2263 Calle Del Mundo
Santa Clara, CA 95054

Inquiry Number: 5339729.5
June 21, 2018

# The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

# TABLE OF CONTENTS

## SECTION

**Executive Summary**

**Findings**

**City Directory Images**

***Thank you for your business.***
Please contact EDR at 1-800-352-0050
with any questions or comments.

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# EXECUTIVE SUMMARY

## DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

## RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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## RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

| Year | Source | TP | Adjoining | Text Abstract | Source Image |
|---|---|---|---|---|---|
| 2014 | EDR Digital Archive | - | X | X | - |
| 2010 | EDR Digital Archive | - | X | X | - |
| 2006 | Haines Company, Inc. | - | - | - | - |
| 2001 | Haines Company, Inc. | - | X | X | - |
| | Haines Company, Inc. | X | X | X | - |
| 2000 | Haines Company | - | - | - | - |
| 1996 | Pacific Bell | - | X | X | - |
| | Pacific Bell | X | X | X | - |
| 1991 | PACIFIC BELL WHITE PAGES | X | X | X | - |
| 1986 | Pacific Bell | - | X | X | - |
| | Pacific Bell | X | X | X | - |
| 1985 | Pacific Bell | X | X | X | - |

# EXECUTIVE SUMMARY

| Year | Source | TP | Adjoining | Text Abstract | Source Image |
|---|---|---|---|---|---|
| 1982 | Pacific Telephone | - | X | X | - |
| 1980 | Pacific Telephone | - | X | X | - |
| 1978 | R. L. Polk & Co. | - | - | - | - |
| 1975 | R. L. Polk Co. | - | - | - | - |
| 1974 | R. L. Polk Co. | - | - | - | - |
| 1970 | R. L. Polk Co. | - | - | - | - |
| 1968 | R. L. Polk Co. | - | - | - | - |
| 1966 | R. L. POLK | - | - | - | - |
| 1965 | R. L. Polk Co. | - | - | - | - |
| 1964 | R. L. Polk & Co. | - | - | - | - |
| 1963 | Pacific Telephone | - | - | - | - |
| 1962 | R. L. Polk & Co. | - | - | - | - |
| 1960 | R. L. Polk Co. | - | - | - | - |
| 1957 | R. L. Polk Co. | - | - | - | - |
| 1955 | R. L. Polk Co. | - | - | - | - |
| 1950 | R. L. Polk Co. | - | - | - | - |
| 1946 | R. L. Polk Co. | - | - | - | - |
| 1945 | R. L. Polk & Co. | - | - | - | - |
| 1942 | R.L. Polk | - | - | - | - |
| 1940 | R. L. Polk Co. | - | - | - | - |
| 1936 | R. L. Polk Co. | - | - | - | - |
| 1935 | R. L. Polk Co. | - | - | - | - |
| 1931 | R. L. Polk Co. | - | - | - | - |
| 1930 | R. L. Polk Co. | - | - | - | - |
| 1926 | R. L. Polk Co. | - | - | - | - |
| 1925 | R. L. Polk Co. of California | - | - | - | - |
| 1922 | R. L. Polk Co. | - | - | - | - |

# FINDINGS

## TARGET PROPERTY INFORMATION

### ADDRESS

2263 Calle Del Mundo
Santa Clara, CA 95054

### FINDINGS DETAIL

Target Property research detail.

## CALLE DEL MUNDO

**2263 CALLE DEL MUNDO**

| *Year* | *Uses* | *Source* |
|---|---|---|
| 2001 | HOWELL ELECTRIC | Haines Company, Inc. |
| 1996 | HOWELL ELECTRIC INC | Pacific Bell |
| 1991 | COS | PACIFIC BELL WHITE PAGES |
| 1986 | Cofer Component Processing | Pacific Bell |

## DEL MUNDO

**2263 DEL MUNDO**

| *Year* | *Uses* | *Source* |
|---|---|---|
| 1991 | COS | PACIFIC BELL WHITE PAGES |
| 1985 | COFER COMPONENT PROCESSING | Pacific Bell |

# FINDINGS

## ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

## CALLE DE LUCIA

**2220 CALLE DE LUCIA**

| Year | Uses | Source |
|---|---|---|
| 1980 | Bar Con Inc | Pacific Telephone |

**2271 CALLE DE LUCIA**

| Year | Uses | Source |
|---|---|---|
| 1980 | Digicon | Pacific Telephone |

## Calle de Luna

**2200 Calle de Luna**

| Year | Uses | Source |
|---|---|---|
| 2014 | MAXFORD TECHNOLOGY LLC | EDR Digital Archive |
| 2010 | MAXFORD TECHNOLOGY LLC | EDR Digital Archive |

## CALLE DE LUNA

**2200 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | ESPINOZA Robert | Haines Company, Inc. |
| 1980 | Doran Bill Co | Pacific Telephone |

## Calle de Luna

**2220 Calle de Luna**

| Year | Uses | Source |
|---|---|---|
| 2014 | JA-MAR INDUSTRIES INC | EDR Digital Archive |
| | BAR-CON INC | EDR Digital Archive |
| | IMPERIAL SPRINKLER SUPPLY INC | EDR Digital Archive |
| 2010 | BAR-CON INC | EDR Digital Archive |
| | JA-MAR INDUSTRIES INC | EDR Digital Archive |

# FINDINGS

## CALLE DE LUNA

### 2220 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | SBARCELONAJack | Haines Company, Inc. |
| | A 1 R FLIGHT SERVICE | Haines Company, Inc. |
| 1996 | AIR FLIGHT SERVICE | Pacific Bell |
| 1991 | Bar Coninc | PACIFIC BELL WHITE PAGES |
| | AIR FULIGHT SERVICE | PACIFIC BELL WHITE PAGES |
| | Barcon Inc Bar Can Inc | PACIFIC BELL WHITE PAGES |
| 1986 | Barcon Inc Bar Con Inc | Pacific Bell |
| | Bar Con Inc | Pacific Bell |
| | AIR FLIGHT SERVICE | Pacific Bell |
| 1980 | Barcon Inc Bar Con Inc | Pacific Telephone |
| | AIR FLIGHT SERVICE | Pacific Telephone |

## Calle de Luna

### 2221 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2014 | PORTABLE POWER INNOVATIONS INC | EDR Digital Archive |
| 2010 | GLOBAL NETWORK RESOURCES INC | EDR Digital Archive |

## CALLE DE LUNA

### 2221 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | SHIBATEC | Haines Company, Inc. |

## Calle de Luna

### 2222 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2014 | MC BRIDE ELECTRIC | EDR Digital Archive |
| | GREATER BAY MECHANICAL INC | EDR Digital Archive |
| 2010 | NEW MILLENNIUM CONSTRUCTION | EDR Digital Archive |

# FINDINGS

## CALLE DE LUNA

### 2222 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1996 | +2231 BROCADE | Pacific Bell |
| | 4 MICROBREW EXPRESS | Pacific Bell |
| | COMMUNICATIONS SYSTEMS INC | Pacific Bell |

## Calle de Luna

### 2225 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2010 | TWBD INC | EDR Digital Archive |

### 2231 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2014 | PACIFIC SCIENCES INTERNATIONAL | EDR Digital Archive |
| 2010 | POSITION2 | EDR Digital Archive |
| | CURASEAL INC | EDR Digital Archive |
| | VENTURE MANUFACTURING GROUP | EDR Digital Archive |

## CALLE DE LUNA

### 2231 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | SOREXLERSIeaen ELSA | Haines Company, Inc. |
| 1991 | Catalyst Semiconductor Inc | PACIFIC BELL WHITE PAGES |
| | Catalyst Semiconductor Inc | PACIFIC BELL WHITE PAGES |

## Calle de Luna

### 2241 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2014 | GLOBAL NETWORK RESOURCES INC | EDR Digital Archive |
| 2010 | CALIFORNIA MARKETING ENTPS | EDR Digital Archive |

# FINDINGS

## CALLE DE LUNA

### 2241 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | APPLIED 408 S | Haines Company, Inc. |
| | CONSTRUCTION TECH LAZER MAINTENANCE | Haines Company, Inc. |
| | MASON PROPERTY | Haines Company, Inc. |
| 1996 | MASON PROPERTY COMPANY INC THE | Pacific Bell |

### 2258 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1980 | Century Plastics | Pacific Telephone |

## Calle de Luna

### 2260 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2014 | DE CARLI SHEET METAL INC | EDR Digital Archive |
| 2010 | DE CARLI SHEET METAL INC | EDR Digital Archive |

## CALLE DE LUNA

### 2260 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | DECARLISHEETMETAL | Haines Company, Inc. |
| 1996 | DE CARLI SHEETMETAL INC | Pacific Bell |
| 1991 | De Carli Sheetmetal Inc | PACIFIC BELL WHITE PAGES |
| 1986 | De Carli Sheetmetal Inc | Pacific Bell |
| 1980 | De Carli Sheetmetal Inc | Pacific Telephone |
| | Cal Welding | Pacific Telephone |

## Calle de Luna

### 2262 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2014 | BAY AREA FORKLIFT | EDR Digital Archive |

# FINDINGS

## CALLE DE LUNA

### 2262 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1980 | Clark Precision Sheet Metal Co | Pacific Telephone |

### 2264 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | WESTVLY PRECISION | Haines Company, Inc. |
| 1996 | WEST VALLEY PRECISION INC | Pacific Bell |
| 1991 | West Valley Precision Inc | PACIFIC BELL WHITE PAGES |
| 1986 | Altatron Inc | Pacific Bell |
| 1980 | Stamford Wallpaper Co | Pacific Telephone |

## Calle de Luna

### 2266 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2010 | ABU-ROBERTO GUN DRILLING | EDR Digital Archive |

## CALLE DE LUNA

### 2268 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1980 | De Anna Manufacturing Services Inc | Pacific Telephone |

### 2270 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 1996 | L C SERVICE INC | Pacific Bell |

## Calle de Luna

### 2271 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2014 | 420LIFESTYLES CORPORATION | EDR Digital Archive |
| 2010 | DOUBLE PRECISION MFG | EDR Digital Archive |

# FINDINGS

## CALLE DE LUNA

### 2271 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | DOUBLE PRECISION | Haines Company, Inc. |
| 1996 | DOUBLE PRECISION MANUFACTURING | Pacific Bell |
| 1991 | Double Precision Manufacturing | PACIFIC BELL WHITE PAGES |
| 1986 | Abacus Machining & Mechanical Assembly Inc | Pacific Bell |
| 1980 | Dusan | Pacific Telephone |

## Calle de Luna

### 2272 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2014 | COATEK INC | EDR Digital Archive |
| 2010 | COATEK INC | EDR Digital Archive |

## CALLE DE LUNA

### 2272 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 1996 | COATEK INC | Pacific Bell |
| 1980 | Microcomputer Power Inc | Pacific Telephone |

## Calle de Luna

### 2273 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2014 | DOUBLE PRECISION MFG | EDR Digital Archive |

## CALLE DE LUNA

### 2273 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1996 | CONCRETE CONTRACTORS | Pacific Bell |
| | LOOMIS & SORIA INC | Pacific Bell |
| 1986 | Loomis & Soria Inc Concrete Contractors | Pacific Bell |

# FINDINGS

## Calle de Luna

**2275 Calle de Luna**

| Year | Uses | Source |
|---|---|---|
| 2014 | TRI DELTA ENGINEERING INC | EDR Digital Archive |
| 2010 | TRI DELTA ENGINEERING INC | EDR Digital Archive |

## CALLE DE LUNA

**2275 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | TRI DELTA | Haines Company, Inc. |
| 1996 | TRI DELTA | Pacific Bell |
| 1986 | Tri Delta | Pacific Bell |

## Calle de Luna

**2276 Calle de Luna**

| Year | Uses | Source |
|---|---|---|
| 2010 | COATEK INC | EDR Digital Archive |

**2277 Calle de Luna**

| Year | Uses | Source |
|---|---|---|
| 2014 | ALL PARTY RENTALS | EDR Digital Archive |
| | QUALITY MACHINE SHOP | EDR Digital Archive |
| 2010 | ALL PARTY RENTALS | EDR Digital Archive |

## CALLE DE LUNA

**2277 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1991 | Licari Manufacturing | PACIFIC BELL WHITE PAGES |
| | Silicon Valley Welding Co | PACIFIC BELL WHITE PAGES |
| 1986 | Licari Manufacturing | Pacific Bell |
| 1980 | COMPONENT FINISHING INC | Pacific Telephone |

# FINDINGS

## Calle de Luna

**2278 Calle de Luna**

| Year | Uses | Source |
|---|---|---|
| 2014 | NEO CENTURY INTERNATIONAL LLC | EDR Digital Archive |
| | LUH LLC | EDR Digital Archive |
| 2010 | LUH LLC | EDR Digital Archive |
| | NEO CENTURY INTERNATIONAL LLC | EDR Digital Archive |

## CALLE DE LUNA

**2278 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1986 | Pyco Enterprises Inc | Pacific Bell |
| 1980 | Production Printing Inc | Pacific Telephone |

## Calle de Luna

**2281 Calle de Luna**

| Year | Uses | Source |
|---|---|---|
| 2014 | TASMAN COMPANY LLC | EDR Digital Archive |
| | INTA TECHNOLOGIES CORPORATION | EDR Digital Archive |
| 2010 | LFI MACHINING INC | EDR Digital Archive |
| | INTA TECHNOLOGIES CORPORATION | EDR Digital Archive |

## CALLE DE LUNA

**2281 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | MASON Norman XOFTMICROTUBE | Haines Company, Inc. |
| 1991 | International Technical Associates | PACIFIC BELL WHITE PAGES |
| | INTA | PACIFIC BELL WHITE PAGES |
| 1986 | International Technical Associates | Pacific Bell |

**2300 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1986 | B & C LITHOGRAPHERS INC | Pacific Bell |

# FINDINGS

**2301 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | D&H MANUFACTURING | Haines Company, Inc. |
| | COMPANY | Haines Company, Inc. |
| | WILLS Richard | Haines Company, Inc. |
| 1996 | MANUFACTURING COMPANY | Pacific Bell |
| | D & H | Pacific Bell |
| 1991 | D & H Manufacturing Company | PACIFIC BELL WHITE PAGES |
| 1986 | D & H Mfg Co | Pacific Bell |

**2309 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | W 1 LLS Richard | Haines Company, Inc. |
| 1980 | A & H Renovations P | Pacific Telephone |
| | Al A Associates | Pacific Telephone |

**2317 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | APPRENTICESHIP | Haines Company, Inc. |
| | WILLS Richard | Haines Company, Inc. |
| | PROGRAM | Haines Company, Inc. |
| | BRAZING NTMA | Haines Company, Inc. |
| | AMALARALUM | Haines Company, Inc. |
| 1996 | AMALAR ALUMINUM DIP BRAZING | Pacific Bell |
| | APPRENTICESHIP PROGRAM | Pacific Bell |
| | NTM A | Pacific Bell |
| 1991 | Amalar Aluminum Dip Brazing | PACIFIC BELL WHITE PAGES |
| 1986 | Universal technology International | Pacific Bell |

**2318 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | PARAGON | Haines Company, Inc. |
| | ELECTRONIC SYSTEMS | Haines Company, Inc. |
| 1996 | PARAGON INC | Pacific Bell |
| 1991 | Paragon Inc | PACIFIC BELL WHITE PAGES |
| 1986 | Paragon Inc | Pacific Bell |

**2325 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | P 1 VK Leopold | Haines Company, Inc. |
| 1982 | Anacomp Micrographics | Pacific Telephone |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1982 | AN EYE FOR BEAUTY | Pacific Telephone |

## Calle del Mundo

**2232 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | ITALIX COMPANY INC | EDR Digital Archive |
| 2010 | ITALIX COMPANY INC | EDR Digital Archive |
| | RAAF LLC | EDR Digital Archive |

## CALLE DEL MUNDO

**2232 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | ITALIXCODN C | Haines Company, Inc. |
| 1996 | ITALIX CO INC | Pacific Bell |
| 1991 | ITAUXCOINC | PACIFIC BELL WHITE PAGES |
| 1986 | ITALIX CO INC | Pacific Bell |
| 1980 | Italix | Pacific Telephone |

## Calle del Mundo

**2233 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | VENTURE MANUFACTURING GROUP | EDR Digital Archive |
| | TMK MANUFACTURING INC | EDR Digital Archive |
| | ALTA MICROTEC INC | EDR Digital Archive |
| 2010 | DELTA PACIFIC PRODUCTS INC | EDR Digital Archive |
| | TMK MANUFACTURING INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2233 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | SSCHULZWerner | Haines Company, Inc. |
| | DELTA PACIFIC | Haines Company, Inc. |
| 1996 | DELTA PACIFIC PRODUCTS INC | Pacific Bell |
| 1991 | MOS Plastics Inc | PACIFIC BELL WHITE PAGES |
| | M OS Tool & Engineering Co | PACIFIC BELL WHITE PAGES |
| 1986 | M O S Tool & Engineering Co | Pacific Bell |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1986 | MOS Plastics Inc | Pacific Bell |

**2234 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1986 | Gyrex Corp | Pacific Bell |
| 1980 | Gyrex Corp | Pacific Telephone |

**2236 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |

**2238 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |

**2240 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1996 | BAYWOOD ENTERPRISES | Pacific Bell |
| 1986 | Accu Cad | Pacific Bell |

## Calle del Mundo

**2242 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | AK TECH USA | EDR Digital Archive |
| | XYNASURE INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2242 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1980 | Ability Welding | Pacific Telephone |

**2244 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1996 | BEAM ON TECHNOLOGY CORP | Pacific Bell |
| | BEAM ON TECHNOLOGY CORP | Pacific Bell |

# FINDINGS

## Calle del Mundo

**2246 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | KINA ENGINEERING INC | EDR Digital Archive |
| 2010 | KINA ENGINEERING INC | EDR Digital Archive |
| | SHAKALA COMMUNICATIONS INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2246 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1986 | Tanthap Inc | Pacific Bell |
| 1980 | E S N Electronic Sheet Metal | Pacific Telephone |

## Calle del Mundo

**2262 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | NU -METAL FINISHING INC | EDR Digital Archive |
| 2010 | NU-METAL FINISHING INC | EDR Digital Archive |
| | M2S ASSOC LLC | EDR Digital Archive |

## CALLE DEL MUNDO

**2262 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | NU METAL FINISHING | Haines Company, Inc. |
| 1996 | NU METAL FINISHING INC | Pacific Bell |
| 1986 | NU METAL FINISHING INC | Pacific Bell |

## Calle del Mundo

**2265 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | CENTERLINE PRECISION INC | EDR Digital Archive |
| 2010 | CENTERLINE PRECISION INC | EDR Digital Archive |

# FINDINGS

## CALLE DEL MUNDO

**2265 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1996 | RNS MECHANICAL INC | Pacific Bell |
| 1991 | RNR MACHINING | PACIFIC BELL WHITE PAGES |
| | I RN S Mechanical Inc | PACIFIC BELL WHITE PAGES |
| 1986 | REGCO PLUMBING INCORPORATED | Pacific Bell |

## Calle del Mundo

**2272 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | TRUE SOLAR USA INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2272 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | MIAO Yi | Haines Company, Inc. |
| | TECHNOLOGYCORP | Haines Company, Inc. |
| | BEAM ON | Haines Company, Inc. |
| 1996 | SEMICONDUCTOR SCS EOUIPMENT | Pacific Bell |
| | CORION INDUSTRIAL CORP USA | Pacific Bell |
| | TAURA KAKEN CORP | Pacific Bell |
| | SANTA CLARA | Pacific Bell |
| 1986 | Window Fashions By Cardell | Pacific Bell |
| | WINDOW FASHIONS BY CARDELL | Pacific Bell |
| | Venetian Blind Systems Corp | Pacific Bell |

## Calle del Mundo

**2273 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | GLOBAL ELECTRONIC MFG CO | EDR Digital Archive |
| | BIG BEAR AUTOMATION | EDR Digital Archive |
| 2010 | BIG BEAR AUTOMATION | EDR Digital Archive |
| | GLOBAL ELECTRONIC MFG CO | EDR Digital Archive |

# FINDINGS

## CALLE DEL MUNDO

**2273 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | S&SPRE PRESS | Haines Company, Inc. |
| 1996 | Z TECH T E | Pacific Bell |
| 1991 | Veco Custom Optics Inc | PACIFIC BELL WHITE PAGES |
| | ES Coating | PACIFIC BELL WHITE PAGES |
| 1986 | Veco Custom Optics Inc | Pacific Bell |

## Calle del Mundo

**2275 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | CLARK PRECISION SHEETMETAL | EDR Digital Archive |
| 2010 | CLARK PRECISION SHEETMETAL | EDR Digital Archive |

## CALLE DEL MUNDO

**2275 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | CLARKPRCSNSHT | Haines Company, Inc. |
| 1996 | CLARK PRECISION SHEETMETALINC | Pacific Bell |
| 1991 | CLARK PRECISION SHEET METAL CO | PACIFIC BELL WHITE PAGES |
| 1986 | CLARK PRECISION SHEET METAL CO | Pacific Bell |
| | Future Mill Precision Machining | Pacific Bell |

## Calle del Mundo

**2302 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2010 | RAHIMA INTL FOUNDATION | EDR Digital Archive |
| | RAHIMA FOUNDATION | EDR Digital Archive |

## CALLE DEL MUNDO

**2302 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | PRINTING | Haines Company, Inc. |
| | SMAZZUCO Viclor | Haines Company, Inc. |
| | LEATCOMPANY | Haines Company, Inc. |

| Year | Uses | Source |
|---|---|---|
| 1996 | CENTURY GRAPHICS | Pacific Bell |
| 1991 | Century Graphics | PACIFIC BELL WHITE PAGES |
| 1986 | Century Graphics | Pacific Bell |

**2303 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1996 | PERMIAN BUILDERS INC | Pacific Bell |
| 1980 | Fletcher Construction Co | Pacific Telephone |

## Calle del Mundo

**2304 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2010 | ALL PROFESSIONALS AUTO CARE | EDR Digital Archive |

## CALLE DEL MUNDO

**2304 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | PSC ELECTRONICS | Haines Company, Inc. |
| | PSC ELECTRONICS | Haines Company, Inc. |
| 1996 | INSTRUMENT GRAPHICS | Pacific Bell |
| 1991 | Instrument Graphics | PACIFIC BELL WHITE PAGES |
| 1986 | AMERICAN PRECISION SPRING CORP | Pacific Bell |
| 1980 | Bills Plastics | Pacific Telephone |

## Calle del Mundo

**2307 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | POWER SUPPLY COMPONENTS INC | EDR Digital Archive |
| 2010 | POWER SUPPLY COMPONENTS INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2307 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | PSC ELECTRONICS | Haines Company, Inc. |
| 1996 | RUSE KEVIN & ASSOCIATES | Pacific Bell |
| | LEAT COMPANY PRINTING | Pacific Bell |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1991 | G&K Metal Finishing | PACIFIC BELL WHITE PAGES |
| 1986 | G & K Metal Finishing | Pacific Bell |

## Calle del Mundo

**2311 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | COACH BRAKES | EDR Digital Archive |
| | DURABRAKE CO LLC | EDR Digital Archive |

## CALLE DEL MUNDO

**2311 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | WACHTEL FASTENING | Haines Company, Inc. |
| 1996 | ADVANCED FASTENING SYSTEMS INC | Pacific Bell |
| | WACHTEL FASTENING SYSTEM | Pacific Bell |
| 1991 | W & W Landscaping & Hauling | PACIFIC BELL WHITE PAGES |
| | Wachtel Co Inc The | PACIFIC BELL WHITE PAGES |

**2312 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1986 | Motorola tnc Display Monitors | Pacific Bell |
| 1980 | Motorola Inc Display Products | Pacific Telephone |

## Calle del Mundo

**2314 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | DRY FORCE | EDR Digital Archive |
| 2010 | GREEN CONTRACTING GROUP INC | EDR Digital Archive |
| | EJA BUILDERS INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2314 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1996 | MARKETING RESPONSE SYSTEMS | Pacific Bell |
| 1991 | MARKETING RESPONSE SYSTEMS | PACIFIC BELL WHITE PAGES |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1986 | MARKETING RESPONSE SYSTEMS | Pacific Bell |
| 1980 | Kesterson Machine Products Inc | Pacific Telephone |

**2315 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | SEXTON NMRCLCNTRL | Haines Company, Inc. |
| 1996 | SEXTON NUMERICAL CONTROL | Pacific Bell |
| 1991 | Sexton Numerlcal Control | PACIFIC BELL WHITE PAGES |
| | Accu Vac | PACIFIC BELL WHITE PAGES |
| 1980 | C & M Precision | Pacific Telephone |

**2319 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | COMNONCTMNTWRK | Haines Company, Inc. |
| | CBLNG | Haines Company, Inc. |
| 1996 | COMMUNICATION NETWORK CABLING | Pacific Bell |
| 1980 | Pleasure Craft Ceramics | Pacific Telephone |

## Calle del Mundo

**2322 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | L P GLASSBLOWING INC | EDR Digital Archive |
| 2010 | L P GLASSBLOWING INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2322 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | LPGLASSBLOWING | Haines Company, Inc. |
| | PIVK Leopold | Haines Company, Inc. |
| 1996 | L P GLASSBLOWING INC | Pacific Bell |
| 1986 | L P Glassblowing Inc | Pacific Bell |

**2323 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | WATTS Douglas | Haines Company, Inc. |
| 1996 | CELAN TECHNOLOGY INC | Pacific Bell |
| | NETPLEXINC | Pacific Bell |
| 1991 | ABCs | PACIFIC BELL WHITE PAGES |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1991 | Access | PACIFIC BELL WHITE PAGES |
| | Access | PACIFIC BELL WHITE PAGES |
| | ccess Business Communications Success | PACIFIC BELL WHITE PAGES |
| 1986 | C & M Precision | Pacific Bell |
| 1980 | De Anza Glasss Inc | Pacific Telephone |

**2324 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |

**2325 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1996 | CREATIVE SIGN CO | Pacific Bell |

**2330 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | SKAISERHorst L P GLASSBLOWING | Haines Company, Inc. |
| 1996 | TECHNO MOLD & MACHINING INC | Pacific Bell |
| 1991 | Sales | PACIFIC BELL WHITE PAGES |
| | Cirtex | PACIFIC BELL WHITE PAGES |
| 1986 | Cirtex International | Pacific Bell |
| | Cadventures | Pacific Bell |
| 1980 | CDA | Pacific Telephone |

**2331 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |

## Calle del Mundo

**2338 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | PAIN MANAGEMENT & ACUPNCTRE | EDR Digital Archive |
| | CHINESE MDICNE HLTH REHAB CTR | EDR Digital Archive |
| | YANG CHIROPRACTIC & REHAB | EDR Digital Archive |
| 2010 | CHINESE MDICNE HLTH REHAB CTR | EDR Digital Archive |

# FINDINGS

## CALLE DEL MUNDO

**2338 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | W&K AUTOMOTIVE | Haines Company, Inc. |
| | BOEHMWi MWdlam HONDA ACURA REPAIR | Haines Company, Inc. |
| | ACURAHONDA REPAIR | Haines Company, Inc. |
| 1996 | W & K AUTOMOTIVE | Pacific Bell |
| | A IN BOX AUTOMATION | Pacific Bell |
| 1991 | Warren Associates | PACIFIC BELL WHITE PAGES |
| | W & K Automotive | PACIFIC BELL WHITE PAGES |
| 1986 | Warren Associates | Pacific Bell |
| 1980 | Warren Associates | Pacific Telephone |

## Calle del Mundo

**2339 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | WATTS MACHINING INC | EDR Digital Archive |
| 2010 | WATTS MACHINING INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2339 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | WATTS MACHINING | Haines Company, Inc. |
| 1996 | DESIGN SIGNS S | Pacific Bell |
| 1991 | C | PACIFIC BELL WHITE PAGES |
| 1986 | Sprout Jay D Co Inc | Pacific Bell |
| 1980 | Crown Circuits Inc | Pacific Telephone |

## Calle del Mundo

**2343 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | ALZETA CORPORATION | EDR Digital Archive |
| 2010 | ALZETA CORPORATION | EDR Digital Archive |

# FINDINGS

## CALLE DEL MUNDO

### 2343 CALLE DEL MUNDO

| Year | Uses | Source |
|---|---|---|
| 2001 | ALZETACORP | Haines Company, Inc. |
| 1996 | ALZETA CORP | Pacific Bell |
| 1991 | Alzeta Corp | PACIFIC BELL WHITE PAGES |
| 1986 | Alzeta Corp | Pacific Bell |

### 2346 CALLE DEL MUNDO

| Year | Uses | Source |
|---|---|---|
| 2001 | GENES MACHINING | Haines Company, Inc. |
| | SWILSON Eugene | Haines Company, Inc. |
| 1991 | Production | PACIFIC BELL WHITE PAGES |
| | Cirtex | PACIFIC BELL WHITE PAGES |
| 1986 | Cirtex | Pacific Bell |
| | Sales | Pacific Bell |
| | Production | Pacific Bell |
| | Cirtex | Pacific Bell |

### 2348 CALLE DEL MUNDO

| Year | Uses | Source |
|---|---|---|
| 2001 | S 8 HAIGAVAAnvin | Haines Company, Inc. |
| | MACHINING | Haines Company, Inc. |
| | MAXPOL PRECISION | Haines Company, Inc. |
| 1996 | MAXPOL PRECISION MACHINING | Pacific Bell |
| 1980 | Noack Ronald K | Pacific Telephone |

### 2354 CALLE DEL MUNDO

| Year | Uses | Source |
|---|---|---|
| 1991 | Fang Bros Printing Inc | PACIFIC BELL WHITE PAGES |
| | Fong B&8 | PACIFIC BELL WHITE PAGES |
| 1986 | Fong Bros Printing Inc | Pacific Bell |

### 2363 CALLE DEL MUNDO

| Year | Uses | Source |
|---|---|---|
| 2001 | SIDEMARK | Haines Company, Inc. |
| | a DESIGMMARK | Haines Company, Inc. |
| 1996 | SIDEMARK | Pacific Bell |
| | CORPORATE FURNITURE | Pacific Bell |
| 1986 | Digital Microwave Corporation | Pacific Bell |

# FINDINGS

**2365 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1996 | CCT LASER SERVICES | Pacific Bell |

## DE LUNA

**2200 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1985 | DORAN BILL CO | Pacific Bell |

**2220 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | AIR FULIGHT S E RVICE | PACIFIC BELL WHITE PAGES |
| | BAR-CONINC | PACIFIC BELL WHITE PAGES |
| | BARCON INC BAR-CAN INC | PACIFIC BELL WHITE PAGES |
| 1985 | AIR FLIGHT SERVICE | Pacific Bell |
| | BARCON INC BAR-CON INC | Pacific Bell |
| | BAR-CON INC | Pacific Bell |

**2222 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | SOUTH BAY TRUCK & EQUIP | PACIFIC BELL WHITE PAGES |

**2231 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | CATALYST SEMICONDUCTOR INC | PACIFIC BELL WHITE PAGES |
| | CATALYST SEMICONDUCTOR INC | PACIFIC BELL WHITE PAGES |
| 1985 | IMPART CORP | Pacific Bell |
| | COMPUTER HABITAT | Pacific Bell |
| | DATA SERVICES INC | Pacific Bell |
| | PERSONETICS | Pacific Bell |
| | SANTA CRUZ COMPUTER INC | Pacific Bell |
| | SOUTHWEST AUTOMATION | Pacific Bell |
| | DOCUTRIEVE | Pacific Bell |
| | ONTTNTRAL | Pacific Bell |
| | CMI | Pacific Bell |

**2260 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | DE CARLI SHEETMETAL INC | PACIFIC BELL WHITE PAGES |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1985 | DE CARLI SHEETMETAL INC | Pacific Bell |

**2264 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | WEST VALLEY PRECISION INC | PACIFIC BELL WHITE PAGES |
| 1985 | ALTATRON INC | Pacific Bell |

**2271 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | DOUBLE PRECISION MANUFACTURING | PACIFIC BELL WHITE PAGES |
| 1985 | ABACUS MACHINING & MECHANICAL ASSEMBLY INC | Pacific Bell |

**2272 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1985 | RAND COR INTERNATIONAL | Pacific Bell |

**2273 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1985 | LOOMIS & SORIA INC CONCRETE CONTRACTORS | Pacific Bell |

**2277 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | SILICON VALLEY WELDING CO | PACIFIC BELL WHITE PAGES |
| | LICARI MANUFACTURING | PACIFIC BELL WHITE PAGES |
| 1985 | LICARI MANUFACTURING | Pacific Bell |

**2278 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1985 | PYCO ENTERPRISES INC | Pacific Bell |

**2281 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | INTERNATIONAL TECHNICAL ASSOCIATES | PACIFIC BELL WHITE PAGES |

**2301 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | D & H MANUFACTURING COMPANY | PACIFIC BELL WHITE PAGES |
| 1985 | D & H MFG CO | Pacific Bell |

**2309 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1985 | AMERICAN COMPUTER PRODUCTS | Pacific Bell |
| | CIRTEX | Pacific Bell |

**2317 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | AMALAR ALUMINUM DIP BRAZING | PACIFIC BELL WHITE PAGES |
| 1985 | UNIVERSAL TECHNOLOGY INTERNATIONAL | Pacific Bell |

**2318 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | PARAGON INC SANTA CLARA 727 88 | PACIFIC BELL WHITE PAGES |
| 1985 | PARAGON INC | Pacific Bell |

**2325 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1985 | DATACORP-DIVISION OF KALVAR | Pacific Bell |

## DEL MUNDO

**2232 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1985 | TALIX | Pacific Bell |

**2233 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | MOS PLASTICS INC | PACIFIC BELL WHITE PAGES |
| | M OS TOOL & ENGINEERING CO | PACIFIC BELL WHITE PAGES |
| 1985 | M 0 S TOOL & ENGINEERING CO | Pacific Bell |
| | MOS PLASTICS INC | Pacific Bell |

**2234 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1985 | GYREX CORP | Pacific Bell |

**2246 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | SCREEN MANUFACTURING TECHNOLOGIES | PACIFIC BELL WHITE PAGES |

# FINDINGS

**2262 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | N KRME IMAGE | PACIFIC BELL WHITE PAGES |
| 1985 | NU-METAL FINISHING INC | Pacific Bell |

**2265 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1985 | REGCO PLUMBING INCORPORATED | Pacific Bell |

**2272 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1985 | WINDOW FASHIONS BY CARDELL | Pacific Bell |
| | VENETIAN BLIND SYSTEMS CORP | Pacific Bell |

**2273 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | E S COATING SANTA CLARA 748 02 | PACIFIC BELL WHITE PAGES |
| | VECO CUSTOM OPTICS INC | PACIFIC BELL WHITE PAGES |
| 1985 | PLAS-TEX ENTERPRISES | Pacific Bell |

**2275 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | CLARK PRE CIS ION S HE E T ME TAL CO | PACIFIC BELL WHITE PAGES |
| 1985 | FUTURE MILL PRECISION MACHINING | Pacific Bell |

**2302 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | CENTURY GRAPHICS | PACIFIC BELL WHITE PAGES |
| 1985 | CENTUIY GRAPHICS | Pacific Bell |

**2304 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | INSTRUMENT GRAPHICS SANTA CLARA 727 565 | PACIFIC BELL WHITE PAGES |
| 1985 | AMERICAN PRECISION SPRING CORP | Pacific Bell |

**2307 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | G&K METAL FINISHING | PACIFIC BELL WHITE PAGES |
| 1985 | G& K METAL FINISHING | Pacific Bell |

# FINDINGS

**2311 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | WACHTEL CO INC THE | PACIFIC BELL WHITE PAGES |

**2312 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1985 | MOTOROLA INC DISPLAY PRODUCTS | Pacific Bell |

**2314 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | MARKE TIN G RE S PON S E S YS TE MS | PACIFIC BELL WHITE PAGES |
| 1985 | MARKETING RESPONSE SYSTEMS | Pacific Bell |

**2315 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | SEXTON NUMERLCAL CONTROL | PACIFIC BELL WHITE PAGES |
| | ACCUVAC | PACIFIC BELL WHITE PAGES |
| 1985 | C & M PRECISION | Pacific Bell |

**2322 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1985 | L P GLASSBLOWING INC | Pacific Bell |

**2323 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | ACCESS | PACIFIC BELL WHITE PAGES |
| | ABC S | PACIFIC BELL WHITE PAGES |
| | ACCESS | PACIFIC BELL WHITE PAGES |
| 1985 | MODTECH MANUFACTURING CO | Pacific Bell |
| | CAP-DAN | Pacific Bell |

**2327 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | US K MANUFACTURING | PACIFIC BELL WHITE PAGES |
| 1985 | SUN CIRCUITS | Pacific Bell |

**2330 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | THETICS TECHNOLOGY CO | PACIFIC BELL WHITE PAGES |
| | CIRTEX | PACIFIC BELL WHITE PAGES |
| 1985 | CADVENTURES | Pacific Bell |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1985 | TUNZI DEVELOPMENT CO | Pacific Bell |
| | CIRTEX INTERNATIONAL | Pacific Bell |
| | CIRCABCO ASSOCIATES | Pacific Bell |
| | CDA | Pacific Bell |

**2338 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | W & K AUTOMOTIVE | PACIFIC BELL WHITE PAGES |
| | WARREN ASSOCIATES | PACIFIC BELL WHITE PAGES |
| 1985 | WARREN ASSOCIATES | Pacific Bell |

**2339 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | C | PACIFIC BELL WHITE PAGES |
| 1985 | SPROUT JAY D CO INC | Pacific Bell |

**2343 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | ALZETA CORP | PACIFIC BELL WHITE PAGES |
| 1985 | ALZETA CORP | Pacific Bell |

**2346 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | CIRTEX | PACIFIC BELL WHITE PAGES |
| 1985 | CIRTEX | Pacific Bell |

**2354 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | FANG BROS PRINTING INC | PACIFIC BELL WHITE PAGES |
| 1985 | FONG BROS PRINTING INC | Pacific Bell |

**2363 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1985 | DIGITAL MICROWAVE CORPORATION | Pacific Bell |

# FINDINGS

## TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2263 Calle Del Mundo | 2014, 2010, 2006, 2000, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

## ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2200 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2200 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2200 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2220 CALLE DE LUCIA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2220 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2220 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2220 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2221 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2221 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2222 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2222 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2222 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2225 Calle de Luna | 2014, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2231 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2231 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2231 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2232 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2232 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2232 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2233 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2233 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2233 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2234 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1996, 1991, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2234 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2236 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2238 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2240 CALLE DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2241 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2241 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2242 Calle del Mundo | 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2242 CALLE DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2244 CALLE DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2246 CALLE DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2246 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2246 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2258 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2260 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2260 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2260 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2262 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2262 Calle de Luna | 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2262 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2262 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2262 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2264 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2264 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2265 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2265 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2265 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2266 Calle de Luna | 2014, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2268 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2270 CALLE DE LUNA | 2014, 2010, 2006, 2001, 2000, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2271 CALLE DE LUCIA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2271 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2271 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2271 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2272 CALLE DE LUNA | 2014, 2010, 2006, 2001, 2000, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2272 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2272 Calle del Mundo | 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2272 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2272 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2272 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2273 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2273 Calle de Luna | 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2273 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2273 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2273 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2273 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2275 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2275 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2275 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2275 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2275 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2276 Calle de Luna | 2014, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2277 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2277 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2277 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2278 CALLE DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2278 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2278 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2281 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2281 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2281 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2300 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2301 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2301 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2302 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2302 Calle del Mundo | 2014, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2302 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2303 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2304 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2304 Calle del Mundo | 2014, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2304 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2307 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2307 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2307 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2309 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2309 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2311 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2311 Calle del Mundo | 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2311 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2312 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1996, 1991, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2312 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2314 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2314 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2314 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2315 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2315 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2317 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2317 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2318 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2318 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2319 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2322 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2322 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2322 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2323 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2323 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2324 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2325 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2325 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2325 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2327 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2330 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2330 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2331 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2338 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2338 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2338 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2339 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2339 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2339 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2343 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2343 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2343 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2346 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1996, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2346 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2348 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2354 CALLE DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2354 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2363 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2363 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2365 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# APPENDIX B

**Belinda P. Blackie**, environmental engineer, has 20 years of experience performing Phase I environmental site assessments and related studies, and more than nine years of experience performing soil and ground water quality investigations, underground storage tank (UST) removals and replacements, remediation projects, hazardous materials facility closures, environmental compliance projects, visual asbestos surveys, and storm water and small water system management. She is well-practiced in the ASTM E 1527-05 (AAI) Phase I environmental site assessment standard. Ms. Blackie's experience also includes subsurface exploration, monitoring well installation and sampling, collection of surface water, ground water, and drinking water samples, storm water pollution prevention and monitoring, water treatment system monitoring and oversight, surface water monitoring for nutrient concentrations and algal growth, aerial photograph interpretation, soil and ground water modeling, soil and ground water remediation, hazardous materials facility closure, and vicinity hazardous materials users surveys. Ms. Blackie received her Master of Science degree in civil engineering from San Jose State University and her Bachelor of Arts degree in zoology from the University of California at Berkeley. She is a registered professional civil engineer in the State of California, No. 056448.

# APPENDIX C

# APPLICATION FOR AUTHORIZATION TO USE

**REPORT TITLE:** **ENVIRONMENTAL SITE ASSESSMENT**

2263 Calle del Mundo
Santa Clara, CA 95054

**PROJECT NUMBER:** 18T023.20

To: AllWest Environmental, Inc.
2141 Mission Street, Suite 100
San Francisco, CA 94110

From (Applicant): _____

_____

_____

*(Please clearly identify name and address of person/entity applying for permission to use or copy this document)*

Ladies and Gentlemen:

Applicant states they have thoroughly reviewed the report and had the opportunity to discuss with AllWest the report's methodology, findings and conclusion(s).

Applicant hereby applies for permission to rely upon AllWest's work product, as described above, for the purpose of (state here the purpose for which you wish to rely upon the work product):

Applicant only can accept and rely upon AllWest work product under the strict understanding that Applicant is bound by all provisions in the General Conditions to the Work Authorization Agreement provided below. Every report, recommendation, finding, or conclusion issued by AllWest shall be subject to the limitations stated in the Agreement and subject report(s). If this is agreeable, please sign below and return one copy of this letter to us along with the applicable fees. Upon receipt and if acceptable, our signed letter will be returned. AllWest may withhold permission at its sole discretion or require additional re-use fees or terms.

**FEES:** A $1,650 coordination and reliance fee, payable in advance, will apply. If desired, for an additional $150 report reproduction fee, we will reissue the report in the name of the Applicant; the report date, however, will remain the same. All checks will be returned if your request for reliance is not approved.

| **REQUESTED BY** | **APPROVED BY** |
|---|---|
| _____ | **AllWest Environmental, Inc.** |
| Applicant Company | |
| _____ | _____ |
| Print Name and Title | Print Name and Title |
| _____ | _____ |
| Signature and Date | Signature and Date |

# GENERAL CONDITIONS TO THE WORK AUTHORIZATION AGREEMENT

It is hereby agreed that the Client retains AllWest to provide services as set forth in the Work Authorization attached hereto (the "Work"). This contract shall be controlled by the following terms and conditions, and these terms and conditions shall also control any further assignments performed pursuant to this Work Authorization. Client's signature on this Work Authorization constitutes Client's agreement to the all terms to this contract, including these General Conditions.

## FEES AND COSTS

1. AllWest shall charge for work performed by its personnel at the rates identified in the Work Authorization. These rates are subject to reasonable increases by AllWest upon giving Client 30 days advance notice. Reimbursable Costs will be charged to the Client in addition to the fees for the basic services under this Agreement and all Additional Services (defined below) under the Agreement. Reimbursable Costs include, but are not limited to, expenses for travel, including transportation, meals, lodging, long distance telephone and other related expenses, as well as the costs of reproduction of all drawings for the Client's use, costs for specifications and type-written reports, permit and approval fees, automobile travel reimbursement, costs and fees of subcontractors, and soil and other materials testing. No overtime is accrued for time spent in travel. All costs incurred which relate to the services or materials provided by a contractor or subcontractor to AllWest shall be invoiced by AllWest on the basis of cost plus twenty percent (20%). Automobile travel reimbursement shall be at the rate of fifty- eight cents ($0.58) per mile. All other reimbursable costs shall be invoiced and billed by AllWest at the rate of 1.1 times the direct cost to AllWest. Reimbursable costs will be charged to the client only as outlined in the Work Authorization if the scope of work is for Phase I Environmental Site Assessment, Property Condition Assessment, Seismic Assessment or ALTA survey. Invoices for work performed shall be submitted monthly. Payment will be due upon receipt of invoice. Client shall pay interest on the balance of unpaid invoices which are overdue by more than 30 days, at a rate of 18% per annum as well as all attorney fees and costs incurred by AllWest to secure payment of unpaid invoices. AllWest may waive such fees at its sole discretion.

## STANDARD OF CARE

2. AllWest will perform its work in accordance with the standard of care of its industry, as it is at the time of the work being performed, and applicable in the locale of the work being performed. AllWest makes no other warranties, express or implied regarding its work.

## LIMITATION OF REMEDIES

3. Client expressly agrees that to the fullest extent permitted by law, Client's remedies for any liability incurred by AllWest, and/or its employees or agents, for any and all claims arising from AllWest's services, shall be $50,000 or its fees, whichever is greater.

Client may request a higher limitation of remedies, but must do so in writing. Upon such written request, AllWest may agree to increase this limit in exchange for a mutually negotiated higher fee commensurate with the increased risk to AllWest. Any such agreed increase in fee and limitation of remedies amount must be memorialized by written agreement which expressly amends the terms of this clause.

As used in this section, the term "limitation of remedies" shall apply to claims of any kind, including, but not limited to, claims brought in contract, tort, strict liability, or otherwise, for any and all injuries, claims, losses, expenses, or damages whatsoever arising out of or in any way related to AllWest's services or the services of AllWest's subcontractors, consultants, agents, officers, directors, and employees from any cause(s). AllWest shall not be liable for any claims of loss of profits or any other indirect, incidental, or consequential damages of any nature whatsoever. Client & AllWest have specifically negotiated this limitation.

## INDEMNIFICATION

4. Notwithstanding any other provision of this Agreement, Client agrees, to the fullest extent permitted by law, to waive any claim against, release from any liability or responsibility for, and , indemnify and hold harmless AllWest, its employees, agents and sub-consultants (collectively, Consultant) from and against any and all damages, liabilities, claims, actions or costs of any kind, including reasonable attorney's fees and defense costs, arising or alleged to arise out of or to be in any way connected with the Project or the performance or non-performance of Consultant of any services under this Agreement, excepting only any such liabilities determined by a court or other forum of competent jurisdiction to have been caused by the negligence or willful misconduct of Consultant. This provision shall be in addition to any rights of indemnity that Consultant may have under the law and shall survive and remain in effect following the termination of this Agreement for any reason. Should any part of this provision be determined to be unenforceable, AllWest and Client agree that the rest of the provision shall apply to the maximum extent permitted by law. The Client's duty to defend AllWest shall arise immediately upon tender of any matter potentially covered by the above obligations to indemnify and hold harmless.

## MEDIATION & JUDICIAL REFERENCE

5. In an effort to resolve any conflicts or disputes that arise regarding the performance of this agreement, the Client & AllWest agree that all such disputes shall be submitted to non-binding mediation, using a mutually agreed upon mediation service experienced in the resolution of construction disputes. Unless the parties mutually agree otherwise, such mediation shall be a condition precedent to the initiation of any other adjudicative proceedings. It is further agreed that any dispute that is not settled pursuant to such mediation shall be adjudicated by a court appointed referee in accordance with the Judicial Reference procedures as set forth in California Code of Civil Procedure Section 638 et seq. The parties hereby mutually agree to waive any right to a trial by jury regarding any dispute arising out of this agreement.

The parties further agree to include a similar mediation, Judicial Reference & waiver of jury trial provision in their agreements with other independent contractors & consultants retained for the project and require them to similarly agree to these dispute resolution procedures. The cost of said Mediation shall be split equally between the parties. This agreement to mediate shall be specifically enforceable under the prevailing law of the jurisdiction in which this agreement was signed.

## HAZARDOUS WASTE

6. Client acknowledges that AllWest and its sub-contractors have played no part in the creation of any hazardous waste, pollution sources, nuisance, or chemical or industrial disposal problem, which may exist, and that AllWest has been retained for the sole purpose of performing the services set out in the scope of work within this Agreement, which may include, but is not necessarily limited to such services as assisting the Client in assessing any problem which may exist and in assisting the

Client in formulating a remedial program. Client acknowledges that while necessary for investigations, commonly used exploration methods employed by AllWest may penetrate through contaminated materials and serve as a connecting passageway between the contaminated material and an uncontaminated aquifer or groundwater, possibly inducing cross contamination. While back-filling with grout or other means, according to a state of practice design is intended to provide a seal against such passageway, it is recognized that such a seal may be imperfect and that there is an inherent risk in drilling borings of performing other exploration methods in a hazardous waste site.

AllWest will not sign or execute hazardous waste manifests or other waste tracking documents on behalf of Client unless Client specifically establishes AllWest as an express agent of Client under a written agency agreement approved by AllWest. In addition, Client agrees that AllWest shall not be required to sign any documents, no matter requested by whom, that would have the effect of AllWest providing any form of certification, guarantee, or warranty as to any matter or to opine on conditions for which the existence AllWest cannot ascertain. Client also agrees that it shall never seek or otherwise attempt to have AllWest provide any form of such certification, guarantee or warranty in exchange for resolution of any disputes between Client and AllWest, or as a condition precedent to making payment to AllWest for fees and costs owing under this Agreement.

Client understands and agrees that AllWest is not, and has no responsibility as, a generator, operator, treater, storer, transporter , arranger or disposer of hazardous or toxic substances found or identified at the site, including investigation-derived waste. The Client shall undertake and arrange for the removal, treatment, storage, disposal and/or treatment of hazardous material and investigation derived waste (such as drill cuttings) and further, assumes full responsibility for such wastes to the complete exclusion of any responsibility, duty or obligation upon AllWest. AllWest's responsibilities shall be limited to recommendations regarding such matters and assistance with appropriate arrangements if authorized by Client.

## FORCE MAJUERE

7. Neither party shall be responsible for damages or delays in performance under this Agreement caused by acts of God, strikes, lockouts, accidents or other events or condition (other than financial inability ) beyond the other Party's reasonable control.

## TERMINATION

8. This Agreement may be terminated by either party upon ten (10) days' written notice should the other party substantially fail to perform in accordance with its duties and responsibilities as set forth in this Agreement and such failure to perform is through no fault of the party initiating the termination. Client agrees that if it chooses to terminate AllWest for convenience, and AllWest has otherwise satisfactorily performed its obligations under this Agreement to that point, AllWest shall be paid no less than eighty percent (80%) of the contract price, provided, however, that if AllWest shall have completed more than eighty percent of the Work at the time of said termination, AllWest shall be compensated as provided in the Work Authorization for all services performed prior to the termination date which fall within the scope of work described in the Work Authorization and may as well, at its sole discretion and in accordance with said Schedule of Fees, charge Client, and Client agrees to pay AllWest's reasonable costs and labor in winding up its files and removing equipment and other materials from the Project.

Upon notice of termination by Client to AllWest, AllWest may issue notice of such termination to other consultants, contractors, subcontractors and to governing agencies having jurisdiction over the Project, and take such other actions as are reasonably necessary in order to give notice that AllWest is no longer associated with the Project and to protect AllWest from claims of liability from the work of others.

## DOCUMENTS

9. Any documents prepared by AllWest, including, but not limited to proposals, project specifications, drawings, calculations, plans and maps, and any ideas and designs incorporated therein, as well as any reproduction of the above are instruments of service and shall remain the property of AllWest and AllWest retains copyrights to these instruments of service. AllWest grants to Client a non-exclusive license to use these instruments of service for the purpose of completing and maintaining the Project. The Client shall be permitted to retain a copy of any instruments of service, but Client expressly agrees and acknowledges that the instruments of service may not be used by the Client on other projects, or for any other purpose, except the project for which they were prepared, unless Client first obtains a written agreement expanding the license to such use from AllWest, and with appropriate compensation to AllWest. Client further agrees that such instruments of service shall not be provided to any third parties without the express written permission of AllWest.

Client shall furnish, or cause to be furnished to AllWest all documents and information known to Client that relate to the identity, location, quantity, nature, or characteristics of any asbestos, PCBs, or any other hazardous materials or waste at, on or under the site. In addition, Client will furnish or cause to be furnished such reports, data, studies, plans, specifications, documents and other information on surface or subsurface site conditions, e.g., underground tanks, pipelines and buried utilities, required by AllWest for proper performance of its services. IF Client fails to provide AllWest with all hazardous material subject matter reports including geotechnical assessments in its possession during the period that AllWest is actively providing its services (including up to 30 days after its final invoice), Client shall release AllWest from any and all liability for risks and damages the Client incurs resulting from its reliance on AllWest's professional opinion. AllWest shall be entitled to rely upon Client - provided documents and information in performing the services required in this Agreement; however, AllWest assumes no responsibility or liability for the accuracy or completeness of Client-provided documents. Client-provided documents will remain the property of the Client.

## ACCESS TO PROJECT

10. Client grants to AllWest the right of access and entry to the Project at all times necessary for AllWest to perform the Work. If Client is not the owner of the Project, then Client represents that Client has full authority to grant access and right of entry to AllWest for the purpose of AllWest's performance of the Work. This right of access and entry extends fully to any agents, employees, contractors or subcontractors of AllWest upon reasonable proof of association with AllWest. Client's failure to provide such timely access and permission shall constitute a material breach of this Agreement excusing AllWest from performance of its duties under this Agreement.

## CONFIDENTIAL INFORMATION

11. Both Client and AllWest understand that in conjunction with AllWest's performance of the Work on the project, both Client and AllWest may receive or be exposed to Proprietary Information of the other. As used herein, the term "Proprietary Information" refers to any and all information of a confidential, proprietary or secret nature which may be either applicable to, or relate in any way to: (a) the personal, financial or other affairs of the business of each of the Parties, or (b) the

research and development or investigations of each of the Parties. Proprietary Information includes, for example and without limitation, trade secrets, processes, formulas, data, know-how, improvements, inventions, techniques, software technical data, developments, research projects, plans for future development, marketing plans and strategies. Each of the Parties agrees that all Proprietary Information of the other party is and shall remain exclusively the property of that other party. The parties further acknowledge that the Proprietary Information of the other party is a special, valuable and unique asset of that party, and each of the Parties agrees that at all times during the terms of this Agreement and thereafter to keep in confidence and trust all Proprietary Information of the other party, whether such Proprietary Information was obtained or developed by the other party before, during or after the term of this Agreement. Each of the Parties agrees not to sell, distribute, disclose or use in any other unauthorized manner the Proprietary Information of the other party. AllWest further agrees that it will not sell, distribute or disclose information or the results of any testing obtained by AllWest during the performance of the Work without the prior written approval of Client unless required to do so by federal, state or local statute, ordinance or regulation.

## INDEPENDENT CONTRACTOR

12. Both Client and AllWest agree that AllWest is an independent contractor in the performance of the Work under this Agreement. All persons or parties employed by AllWest in connection with the Work are the agents, employees or subcontractors of AllWest and not of Client. Accordingly, AllWest shall be responsible for payment of all taxes arising out of AllWest's activities in performing the Work under this Agreement.

## ENTIRE AGREEMENT

13. This Agreement contains the entire agreement between the Parties pertaining to the subject matter contained in it and supersedes and replaces in its entirety all prior and contemporaneous proposals, agreements, representations and understandings of the Parties. The Parties have carefully read and understand the contents of this Agreement and sign their names to the same as their own free act.

## INTEGRATION

14. This is a fully integrated Agreement. The terms of this Agreement may be modified only by a writing signed by both Parties. The terms of this Agreement were fully negotiated by the Parties and shall not be construed for or against the Client or AllWest but shall be interpreted in accordance with the general meaning of the language in an effort to reach the intended result.

## MODIFICATION / WAIVER / PARTIAL INVALIDITY

15. Failure on the part of either party to complain of any act or omission of the other, or to declare the other party in default, shall not constitute a waiver by such party of its rights hereunder. If any provision of this Agreement or its application be unenforceable to any extent, the Parties agree that the remainder of this Agreement shall not be affected and shall be enforced to the greatest extent permitted by law.

## INUREMENT / TITLES

16. Subject to any restrictions on transfers, assignments and encumbrances set forth herein, this Agreement shall inure to the benefit of and be binding upon the undersigned Parties and their respective heirs, executors, legal representatives, successors and assigns. Paragraph titles or captions contained in this Agreement are inserted only as a matter of convenience, and for reference only, and in no way limit, define or extend the provisions of any paragraph. , et al., incurred in that action or proceeding, in addition to any other relief to which it or they may be entitled.

## AUTHORITY

17. Each of the persons executing this Agreement on behalf of a corporation does hereby covenant and warrant that the corporation is duly authorized and existing under the laws of its respective state of incorporation, that the corporation has and is qualified to do business in its respective state of incorporation, that the corporation has the full right and authority to enter into this Agreement, and that each person signing on behalf of the corporation is authorized to do so. If the Client is a joint venture, limited liability company or a partnership, the signatories below warrant that said entity is properly and duly organized and existing under the laws of the state of its formation and pursuant to the organizational and operating document of the entity, and the laws of the state of its formation, said signatory has authority act on behalf of and commit the entity to this Agreement.

## COUNTERPARTS

18. This Agreement may be signed in counterparts by each of the Parties hereto and, taken together, the signed counterparts shall constitute a single document.

## THIRD PARTY BENEFICIARIES / CONTROLLING LAW

19. There are no intended third party beneficiaries of this Agreement. The services, data & opinions expressed by AllWest are for the sole use of the client, are for a particular project and may not be relied upon by anyone other than the client. This Agreement shall be controlled by the laws of the State of California and any action by either party to enforce this Agreement shall be brought in San Francisco County, California.

## TIME BAR TO LEGAL ACTION

20. Any legal actions by either party against the other related to this Agreement, shall be barred after one year has passed from the time the claimant knew or should have known of its claim, and under no circumstances shall be initiated after two years have passed from the date by which AllWest completes its services.

# Phase I Environmental Site Assessment

2303, 2307, 2311, 2315, and 2319
Calle Del Mundo
Santa Clara, California

February 15, 2019

*Prepared for:*

**Ensemble Real Estate Investments**

*Prepared by:*

**Roux Associates, Inc**.
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& Management
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# Executive Summary

Roux Associates, Inc. (Roux) performed a Phase I Environmental Site Assessment (ESA) for the site located at 2303, 2307, 2311, 2315, and 2319 Calle Del Mundo in Santa Clara, California (Figures 1 and 2) (Property). This ESA was performed on behalf of Ensemble Real Estate Investments (User) for the prospective purchase of the Property. The Property occupies approximately 44,000 square feet (1.01 acres) of commercial/industrial land corresponding to Santa Clara County Assessor Parcel Number (APN) 097-050-61. It is Roux's understanding that the Property plans to be redeveloped into a mixed-use commercial and residential space, with a possible subsurface parking garage.

The Property is a rectangular-shaped polygon with a single-story, 18,600 square-foot commercial building, which includes office and warehouse space. The current tenants at the Property include DuraBrake and PSC Electronics (PSC). DuraBrake is the current Property Owner and a distributor of large (truck/bus) brake drums, rotors, and similar parts. PSC is a stocking distributor of magnetic, interconnect, electromechanical, and passive components. The remainder of the Property comprises parking lots and planters.

This Phase I ESA was performed to identify recognized environmental conditions (RECs) and controlled and/or historical recognized environmental conditions (CRECs/HRECs) at the Property, indicating past, current, or material threats of the release of hazardous materials or petroleum hydrocarbons to the Property's soil, soil vapor, groundwater, or surface water. The Phase I ESA was conducted by investigating past Property uses, reviewing the results of a search of environmental databases, reviewing records at relevant government agencies, reviewing documents provided by the User/historical documents, and performing a reconnaissance of the Property.

The Property and surrounding area were generally undeveloped and used for agricultural purposes from approximately the late 1930s until at least the 1970s. The present-day one-story building on the Property was constructed between 1973 and 1977. Based on the records reviewed, the following occupants have used the Property:

- **2303 Calle Del Mundo** – Fletcher Construction (1979-1981) and Permian Builders (1997-2002).
- **2307 Call Del Mundo** – G&K Metals Finishing (G&K) (1977-1991), Leat Printing and Graphics (Leat Co.) (1995-1998), Kevin Ruse & Associates (1995-1997), and PSC (2000-present).
- **2311 Calle Del Mundo** – Wright Engineering and Manufacturing (1979), Watchell Fastening Systems Company (1990-2002), W & W Landscaping & Hauling (1991), Advanced Fastening Systems Inc. (1996), DuraBrake (2010-present), and Coach Brakes (2014).
- **2315 Calle Del Mundo** – C&M Precision (1979-1985), Sexton Numerical Control (1990-2002), AccuVac (1991), Mobile Shield (2005-2009), and Mimosa Interiors (2012-2015).
- **2319 Calle Del Mundo** – Pleasure Craft Ceramics (1980) and Communication Network Cabling (1996-2001).

Most of these tenants do not pose an environmental concern to the Property since no leaks or spills were documented and/or operational activities and reviews of waste manifest records did not indicate significant

chemical use. Out of the occupants listed above, the only tenants with potential environmental concerns to the Property were Leat Co., Permian Builders, and G&K.

The surrounding facilities were historically used and/or are currently used for industrial purposes including the manufacture of computer, electronic, microwave, heating, and medical equipment as well as waste disposal at the closed landfill located north of the Property. These facilities have been in operation since the late 1970s and have documented use of hazardous materials. Additionally, a number of facilities within the vicinity of the Property have documented impacts of volatile organic compounds (VOCs) in groundwater.

Based on the documents reviewed, the following environmental concerns were identified to have impacted the Property.

The Phase I ESA identified the following RECs associated with the Property:

- G&K operated at the Property from approximately 1977 to 1991. During their years of operation, they used a sump to collect electroplating rinsewater from their operational activities. In 1990, the sump was removed with oversight from the Santa Clara County Fire Department. However, during the excavation activities, soil impacted with hexavalent chromium above the current Residential cancer-risk Environmental Screening Level (ESL) of 0.30 milligrams per kilogram (mg/kg) was left in place. Additionally, other investigations at the Property detected lead and thallium in soil above their current Residential ESLs. Langan Treadwell Rollo (Langan) conducted a soil and groundwater investigation at the Site in September 2014 which further evaluated the extent of the metals release. The Site investigations identified that contamination appears to be limited to below the sewer line, but the full extent of metal-impacted soil in the subsurface at the Site is unknown. the presence of metal-impacted soil in the subsurface at the Site is considered a REC..

- Langan's September 2014 included soil vapor sampling.. While the VOC results for the soil and groundwater were less than environmental screening levels, the sub-slab vapor had one concentration of benzene at 110 ug/m3, which exceed the environmental screening levels for residential and commercial use. Roux collected additional sub-slab soil gas samples in February 2019 (Appendix J). VOC concentrations were detected above the following ESLs in soil vapor samples collected from RSS-2; chloroform, and methylene chloride were detected above the residential ESL and benzene was detected above the residential and commercial ESLs. Based on the benzene analysis conducted in soil vapor and in soil and groundwater in this and past investigations, it appears that the benzene source could have originated from the Site. The VOCs detected in soil vapor present at the Property is considered a REC.

The Phase I ESA identified the following HREC associated with the Property:

- G&K operated at the Property from approximately 1977-1991. In 1989, three groundwater monitoring wells were installed on the Property. Groundwater samples from these wells detected concentrations of metals above their respective MCLs. However, after the sump was removed in 1990, the concentrations of metals observed in groundwater slowly decreased. In 1998, the Regional Water Quality Control Board (RWQCB) granted No Further Action (NFA) at the Property, since the concentrations of metals detected in groundwater were all below their respective MCLs.

The Phase I ESA identified the following *de minimis* conditions and points of environmental concern:

- A review of historical aerial photographs indicated that the Property was used for agricultural purposes on and off from at least 1939 until the current buildings were developed sometime between 1973 and 1977. There is no evidence that the Property was ever used for orchards but appears to have been plowed and used for row crops. Soil testing at sites with past agricultural uses in the vicinity of the Property identified the presence of residual pesticide concentrations in soil. In 2015, soil samples were collected from two locations on the Property and analyzed for organochlorine pesticides (OCPs) and chlorinated herbicides. The concentrations of OCPs and chlorinated herbicides were all below their respective laboratory reporting limits. The samples were collected from 2.5 feet below ground surface (bgs) and 5 feet bgs, and historic pesticides, if present would likely be shallower than 2.5 feet bgs, so this data does not eliminate the potential presence of pesticides. However, sampling conducted at nearby sites with the same agricultural history have not found significant quantities of chlorinated pesticides, so we do not consider it likely that there are significant residual pesticides at the Site from historical uses.

- The surrounding facilities were historically used and/or are currently used for industrial purposes including the manufacture of computer, electronic, microwave, heating, and medical equipment as well as waste disposal. The number of industrial and commercial facilities within the vicinity of the Property is considered *de minimis* with respect to the Property.

- Former occupants at the Property, including Leat Co. and Permian Builders, both have documented use and disposal of hazardous materials, but no documented releases. This historical use of hazardous materials is considered *de minimis* with respect to the Property.

- During the reconnaissance, an unlabeled 55-gallon drum was observed in the north-western corner of the Property. The contents of this drum and the generator are unknown, but there were no signs of a release from the drum. The drum should be properly disposed of, and its presence is considered *de minimis* with respect to the Property.

The Phase I ESA identified the following data gaps:

- Paragon Electronic Systems, Inc (Paragon) is located approximately 600 feet upgradient from the Property. According to Envirostor, the facility received an NFA letter in 1997. However, due to Paragon's distance from the Property, the lack of information on Envirostor other than the NFA letter, this issue is considered a minor data gap that should not impact the conclusions in this report.

Roux completed a limited Phase II investigation in February 2019 to further evaluate the benzene in soil vapor, and to evaluate the potential that off-site chlorinated solvents vapor migration on to Parcel 61 from the adjacent Watts Machining Inc. (Watts) property located adjacent to the west of the Site. In November 2018, groundwater samples collected from a well (G-2R), located approximately 70 feet west of the Site in the north-eastern corner of the Watts property. The well contained concentrations of trichloroethene (TCE) and vinyl chloride (VC). which exceed their Residential ESLs for a vapor intrusion health risk. No chlorinated VOCs associated with the neighboring property were detected above laboratory reporting limits in Roux's investigation. Of the detected concentrations, benzene, chloroform, and methylene chloride at RSS-2 were detected above the residential and commercial ESLs

Based on the VOC concentrations identified in the Langan Phase II Investigation and the recent Roux Phase II Investigation, there is a potential for human health risk that will require vapor mitigation for future occupants and could also result in additional investigations requested by the local regulatory agency.

Consequently, the presence of benzene, chloroform, and methylene chloride in soil vapor present at the Site, which does not appear to be from an offsite source, is considered a REC.

# 1. Introduction

At the request of Ensemble Real Estate Investments (User), Roux Associates, Inc. (Roux) performed a Phase I Environmental Site Assessment (Phase I ESA) for the prospective purchase of the site located at 2303, 2307, 2311, 2315, and 2319 Calle Del Mundo in Santa Clara, California (Figures 1 and 2) (Property). The Phase I ESA was conducted in general accordance with the American Society of Testing and Materials' (ASTM) International Standard Practice E1527 13 (Standard Practice for Environmental Site Assessments) and was consistent with the United States Environmental Protection Agency (EPA) Standards and Practices for All Appropriate Inquiries (AAI) Rule (40 CFR Part 312, Standards and Practices for All Appropriate Inquiries; Final Rule).[1] The preamble for the AAI Rule refers ASTM E1527 05 and states:

> *In today's final rule, EPA is referencing the standards and practices developed by ASTM International and known as Standard E1527 05 (entitled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process") and recognizing the E1527 05 standard as consistent with today's final rule. The Agency determined that this voluntary consensus standard is consistent with today's final rule and is compliant with the statutory criteria for all appropriate inquiries. Persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527 05 standard to comply with today's final rule.*[2]

This AAI Rule was subsequently amended in 2013, as indicated in the following "Background":

> *With today's action, EPA is establishing that parties seeking liability relief under Comprehensive Environmental Response, Compensation, and Liability Act's (CERCLA's) landowner liability protections, as well as recipients of brownfields grants for conducting site assessments, will be considered to have met the standards and practices for all appropriate inquiries, as set forth in the Brownfields Amendments to CERCLA and 40 CFR Part 312, if such parties follow the procedures provided in the ASTM E1527 13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." EPA made this determination based upon the Agency's finding that the ASTM E1527 13 standard is compliant with the All Appropriate Inquiries Rule. Therefore, parties conducting all appropriate inquiries may use the procedures in the newly issued ASTM E1527 13 standard when conducting all appropriate inquiries.*[3]

The purpose of the Phase I ESA was to identify, to the extent feasible, Recognized Environmental Conditions (RECs) in connection with the Property. ASTM Standard Practice E1527 13 defines RECs as:

> *…the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.*

[1] Final Rule and information available at www.epa.gov/swerosps/bf/regneg.htm#final_rule, and https://federalregister.gov/a/2013-31112.
[2] Federal Register: November 1, 2005 (Volume 70, Number 210), page 66081.
[3] Federal Register: December 30, 2013 (Volume 78, Number 250).

ASTM Standard Practice E1527 13 provides that identified RECs can be evaluated and classified into Controlled Recognized Environmental Conditions (CRECs) or Historical Recognized Environmental Conditions (HRECs) based on the following definitions. A CREC is defined as:

> *…a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).*

A HREC is defined as:

> *…a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).*

In order to assess the potential for RECs associated with the Property, Roux utilized a variety of information sources to perform the Phase I ESA, including a radial information search from federal, state, and local regulatory agency databases; Freedom of Information Act (FOIA)/public records request responses from federal, state, and local regulatory agencies; readily available information from the following sources: historical aerial photographs, historical topographic maps, historical Sanborn fire insurance maps, and city directories; and an interview with a knowledgeable representative of the Property. The historical research and interview were conducted in order to develop an understanding of the following:

- Current and past uses of the Property;
- Current and past uses of hazardous substances and/or petroleum at the Property, if any;
- Waste management and disposal practices that might have potentially caused releases or threatened releases of hazardous substances and/or petroleum products at the Property;
- Current and past corrective actions and response activities undertaken to address past and ongoing releases of hazardous substances and/or petroleum products at the Property, if any;
- The existence of any engineering and/or institutional controls recorded for the Property; and
- Current and past uses of adjoining properties that could have resulted in releases or threatened releases of hazardous substances and/or petroleum products to the Property.

Mr. David Dixon, Ms. Christine Pilachowski, and Ms. Rachel Maxwell served as the Environmental Professionals who conducted the Phase I ESA. Mr. Dixon, Mrs. Pilachowski, and Ms. Maxwell possess sufficient specific education, training, and experience to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases, as defined in 40 CFR §312.1(c) on, at, in, or to a Property, sufficient to meet the objectives and performance factors in 40 CFR §312.20(e) and (f).

# 2. Methods of Investigation

The methods of investigation used to conduct this Phase I ESA are outlined in the following sections.

## 2.1. General

The activities performed in conjunction with the Phase I ESA of the Property include:

- Review of federal, state, and local environmental regulatory agency databases provided by Environmental Data Resources, Inc. of Milford, Connecticut (EDR), indicating locations of environmental concern within specified radii from the Property (Appendix A);
- Submission of FOIA requests/public requests and inquiries to federal, state, and local regulatory agencies (Appendix B);
- Reconnaissance of the Property and surrounding areas and interview with key Property representative; and
- Questionnaire with the Property User (Appendix C).

## 2.2. Review of Readily Available Information

The resources compiled and reviewed by Roux to date include the following:

- EDR Radius Map with GeoCheck, dated January 16, 2019 (Appendix A);
- Public records from the agencies listed below (Appendix B);

| Agency | Status |
|---|---|
| San Francisco Regional Water Quality Control Board (RWQCB), including online GeoTracker files | Records requested on January 15, 2019. Response received January 18, 2019 stating no documents were available for the Property. Additionally, online databases were queried on January 24, 2019. Documents available on GeoTracker for the Property and surrounding areas are further discussed in Section 5.2. |
| Department of Toxic Substances Control (DTSC), including online Envirostor and Hazardous Waste Tracking System (HWTS) files | Records requested on January 15, 2019. Response received January 24, 2019 stating no documents were available at the Property. Additionally, online databases were queried on January 24, 2019. Documents available on Envirostor and HWTS for the Property and surrounding areas are further discussed in Section 5.2. |
| Santa Clara County Consumer & Environmental Protection | Records requested on January 15, 2019. Response received January 15, 2019 stating no documents were available for the Property. |
| City of Santa Clara Fire Department | Records requested on January 15, 2019. Response has not been received as of February 6, 2019. |

| Agency | Status |
|---|---|
| City of Santa Clara | Records requested on January 15, 2019. Response has not been received as of February 6, 2019. |
| Division of Oil, Gas & Geothermal Resources (DOGGR) | Online databases were queried on January 15, 2019, no documents were identified for the Property or surrounding areas. |
| CalRecycle Solid Waste Information System (SWIS) | Online databases were queried on January 24, 2019, one listing was identified for the Property. Information regarding this listing is further discussed in Section 5.2. |
| Bay Area Air Quality Management District (BAAQMD) | Records requested on January 15, 2019. Response received on January 29, 2019 stating that no documents were available for the Property. |

- Aerial photographs dated 1939, 1948, 1950, 1956, 1963, 1968, 1974, 1979, 1982, 1993, 1998, 2006, 2009, 2012, and 2016 (Appendix D);
- United States Geological Survey (USGS) Historical Topographic Maps, Milpitas and San Jose Quadrangles, dated 1889, 1897, 1899, 1953, 1961, 1968, 1973, 1980, and 2012 (Appendix E);
- Certified Sanborn Map Report, dated January 16, 2019 (Appendix F);[4] and
- EDR City Directory Abstract, dated January 16, 2019 (Appendix G); and
- User provided previous Property environmental investigations (Appendix H).

## 2.3. Property and Surrounding Area Reconnaissance

Pursuant to ASTM Standard Practice E1527 13, Roux conducted a reconnaissance of the Property and surrounding area on January 22, 2018 to identify, investigate, and assess potential RECs and other potential environmental concerns. The reconnaissance included observation of the Property, including all structures and buildings, and surrounding area to determine the current use and condition of the Property, indications of past uses of the Property, and current uses of adjoining properties and the surrounding area.

Roux placed particular emphasis on identifying the following features listed in ASTM E1527 13, if present and viable from the public right of ways:

- Hazardous substances and petroleum products in connection with identified uses;
- Storage tanks;
- Odors;
- Pools of liquid;
- Drums;
- Hazardous substances and petroleum products containers;
- Unidentified substance containers;

[4] Sanborn Maps were not available for the Property.

- Polychlorinated biphenyls (PCBs);
- Heating and cooling systems;
- Stains or corrosion;
- Drains and sumps;
- Pits, ponds, or lagoons;
- Stained soil or pavement;
- Stressed vegetation;
- Solid waste;
- Waste water;
- Wells; and
- Septic systems.

In addition, observation of the general topographic setting of the Property was made, and inquiry was made into the source of potable water for the Property and other utilities, as presented in Section 6.0. Roux did not conduct a visual inspection for asbestos-containing materials (ACM) or lead-based paints (LBP) in structure(s) at the Property because this environmental area is considered “out of scope” under ASTM E1527-13. Photographs from the reconnaissance are presented in Appendix I.

## 2.4. Interview with Key Property Manager

On January 22, 2019, during the reconnaissance, Ms. Rachel Maxwell interviewed John and Jerry of DuraBrake, Owner of the Property. During the interview, Ms. Maxwell asked general questions regarding the current and historical use and conditions of the Property and surrounding area. Section 7.0 describes the interview.

# 3. Property Description

Descriptions of the Property and surrounding properties are included in the following sections. Figure 1 presents the location of the Property in the general context of the City of Santa Clara and Figure 2 presents an aerial view of the Property and the surrounding area.

## 3.1. Property Location and Description

The Property occupies approximately 44,000 square feet (1.01 acres) of commercial/industrial land corresponding to Santa Clara County Assessor Parcel Number (APN) 097-050-61. The Property is a rectangular-shaped polygon with a single-story, 18,600 square-foot commercial building, which includes office and warehouse space. The current tenants at the Property include DuraBrake and PSC Electronics (PSC). DuraBrake is the current Property Owner and a distributor of large (truck/bus) brake drums, rotors, and similar parts. PSC is a stocking distributor of magnetic, interconnect, electromechanical, and passive components. The remainder of the Property comprises parking lots and planters. The findings of the reconnaissance are summarized in Section 6.0.

## 3.2. Current Surrounding Property Usage

Santa Clara, California is located in the peninsula approximately 45 miles south of San Francisco. The Property is located in a mixed-use neighborhood that is used for light industrial, commercial, and residential purposes.

| Table 1. Surrounding Property Uses | |
|---|---|
| North | North of the Property is recreational land (location of former All-Purpose Landfill). |
| South | South of the Property is Calle Del Mundo; across the street is 3 J Rentals at 2304 Calle Del Mundo. |
| East | East of the Property is a commercial facility that houses Centerline Precision Inc., Real Pack, and Global Electronics. |
| West | West of the Property is Watts Machining Inc at 2339 Calle Del Mundo. |

## 3.3. Topographic and Hydrogeologic Setting

According to historical topographic maps and the EDR Radius Map Report, the Property is 10 feet above mean sea level (AMSL) (Appendix A; Appendix E). The topographic gradient in the area is generally flat and sloping very gently to the north towards the San Francisco Bay (Appendix A; Appendix E).

Based on the historical environmental investigations completed at the Property, groundwater is generally encountered between 5.3 to 12.5 feet below ground surface (bgs) (Appendix H).[5,6,7,8] Additionally, in the vicinity of the Property, at 2339 Calle Del Mundo (located 100 feet to the southeast of the Property) and the

[5] AST, Inc. 1989. *Preliminary Site Assessment*. June 16.
[6] AST, Inc. 1989. *Additional Field Investigation*. August.
[7] $H_2$OGEOL. 1993. *Groundwater Sampling and Analysis at GEM Associates Building.* August 03.
[8] Langan. 2015. *Environmental Site Characterization*. January 12.

former All-Purpose Landfill (immediately north of the Property), groundwater is generally encountered between 6 to 12.5 feet bgs.[9,10]

From 1989 through 1998, three groundwater monitoring wells were present on the Property. According to the previous groundwater monitoring events, groundwater flow at the Property was observed to the north-northeast and east.[11,12,13] Additionally, in the vicinity of the Property, at 2339 Calle Del Mundo and the All-Purpose Landfill, groundwater predominantly flows north-northeast.[14,15] Therefore, for the purposes of this Phase I ESA, groundwater flow at the Property is considered to be to the northeast.

According to the US Fish and Wildlife Wetlands Inventory the nearest surface water body is the Guadalupe River, which is located approximately 1,100 feet east of the Property.[16]

[9] https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000008100
[10] Golder Associates, Inc., 2018. *City of Santa Clara - All Purpose Landfill: First Semi-Annual 2018 Self-Monitoring Report*. July 31. https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5600262582/L10006514573.PDF
[11] AST, Inc. 1989. *Preliminary Site Assessment*. June 16.
[12] AST, Inc. 1989. *Additional Field Investigation*. August.
[13] $H_2O$GEOL. 1993. *Groundwater Sampling and Analysis at GEM Associates Building.* August 03.
[14] E2C Inc. 1997. *Soil and Groundwater Investigation, CDM Investors, 2339 Calle Del Mundo, Santa Clara, CA.* February 4.
[15] Golder Associates, Inc., 2018. *City of Santa Clara - All Purpose Landfill: First Semi-Annual 2018 Self-Monitoring Report*. July 31. https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5600262582/L10006514573.PDF
[16] https://www.fws.gov/wetlands/data/mapper.html

# 4. Property History

The land use history of the Property was developed by searching historical topographic maps, city directories, aerial photographs, and User provided historical documentation. Sanborn Maps are not available for the Property. Historical research documentation is provided in Appendices B, D, E, F, G, and H. Based on the available sources, the following chronology of the Property was developed (Table 2).

**Table 2. Property History**

| Source | Year | Status |
|---|---|---|
| Topographic Map | 1889 | According to the 1889 topographic map, railroad tracks are located approximately 700 feet west of the Property and the Guadalupe River is located approximately 1,100 feet east of the Property. |
| Topographic Map | 1897 | The 1897 topographic map appears consistent with the 1889 topographic map. |
| Topographic Map | 1899 | The 1899 topographic map appears consistent with the 1897 topographic map. |
| Aerial Photograph | 1939 | According to the 1939 aerial photograph, it appears that the Property was used for agricultural purposes. Additionally, approximately 600 feet southwest of the Property appears to be used for residential purposes. |
| Aerial Photograph | 1948 | The 1948 aerial photograph is consistent with the 1939 aerial photograph. |
| Aerial Photograph | 1950 | The 1950 aerial photograph is mostly consistent with the 1948 aerial photograph. However, it appears that additional structures we developed along the dirt road that is approximately 600 feet south of the Property. |
| Topographic Map | 1953 | The 1953 topographic map appears consistent with the 1899 topographic map. |
| Aerial Photograph | 1956 | The 1956 aerial photograph is mostly consistent with the 1950 aerial photograph. However, it appears that the land approximately 300 feet east of the Property has been converted into orchards. |
| Topographic Map | 1961 | According to the 1961 topographic map, it appears that the Property and surrounding areas are approximately 5 feet AMSL lower in elevation than the 1953 topographic map. |
| Aerial Photograph | 1963 | The 1963 aerial photograph is mostly consistent with the 1956 aerial photograph. However, it appears that grading activities are being conducted approximately 300 feet northeast of the Property. Additionally, an elementary school was developed approximately 1,600 feet south of the Property. |
| Aerial Photograph; Topographic Map | 1968 | According to the 1968 aerial photograph, grading activities are no longer being conducted northeast of the Property. However, the remainder of the Property and surrounding features are consistent with the 1963 aerial photograph. Additionally, according to the 1968 topographic map and aerial photograph, it appears that the Guadalupe River was renavigated into a straighter channel. However, the river remains approximately 1,100 feet east of the Property. |

| Table 2. Property History | | |
|---|---|---|
| **Source** | **Year** | **Status** |
| Topographic Map | 1973 | According to the 1973 topographic map, the Property and surrounding areas are no longer being used for agricultural purposes. It appears that between 1968 and 1973, major regrading activities occurred, and roads were developed. The following streets are now present: Calle Del Mundo, Calle De Luna, and Calle Del Sol. Additionally, residential units were constructed approximately ¼ mile south the Property. |
| Aerial Photograph | 1974 | The features observed in the 1974 aerial photograph appear consistent with those shown in the 1973 topographic map. |
| Historical Documentation | 1977 | Based on reviewed historical documentation, G&K Metal Finishing was listed as being located on the Property at 2307 Call Del Mundo. |
| Aerial Photograph | 1979 | According to the 1979 aerial photograph, the Property was developed sometime between 1973 and 1977. The development appears consistent with the present-day, one-story structure currently located on the Property. Structures were also developed in the vicinity of the Property along Calle Del Mundo, Calle De Luna, and Calle Del Sol. Additionally, the residential complex south of the Property further expanded. |
| City Directory | 1980 | The earliest listing for the Property in the city directories is in 1980. According to the 1980 city directory, the following commercial tenants were located at the Property: Pleasure Craft Ceramics, C&M Precision, and Fletcher Construction Co. |
| Aerial Photograph | 1982 | According to the 1982 aerial photograph, additional development occurred along Calle Del Mundo, Calle De Luna, and Calle Del Sol. |
| City Directory | 1985 | According to the 1985 city directory, C&M Precision and G&K Metal Finishing were located on the Property. |
| City Directory | 1991 | According to the 1991 city directory, AccuVac, Sexton Numerical Control, W&W Landscaping & Hauling, The Wachtel Co Inc, and G&K Metal Finishing were located on the Property. |
| Aerial Photograph | 1993 | According to the 1993 aerial photograph, additional development occurred along Calle Del Mundo, Calle De Luna, and Calle Del Sol. Additionally, construction was initiated sometime between 1982 and 1993 approximately 1,000 feet southwest of the Property. |
| City Directory | 1996 | According to the 1996 city directory, the following commercial tenants were located at the Property: Communication Network Cabling, Sexton Numerical Control, Advanced Fastening Systems Inc, The Wachtel Fastening System, Leat Co., Ruse Kevin & Associates, and Permian Builders Inc. |
| Aerial Photograph | 1998 | The 1998 aerial photograph appears consistent with the 1993 aerial photograph. |

| Table 2. Property History | | |
|---|---|---|
| **Source** | **Year** | **Status** |
| City Directory | 2001 | According to the 2001 city directory, the following commercial tenants were located at the Property: Cabling, Sexton Numerical Control, The Wachtel Fastening System, and PSC. |
| Aerial Photograph | 2006 | The 2006 aerial photograph is mostly consistent with the 1998 aerial photograph. However, it appears that additional residential development has occurred south of the Property. |
| Aerial Photograph | 2009 | The 2009 aerial photograph appears consistent with the 2006 aerial photograph. |
| City Directory | 2010 | According to the 2010 city directory, Power Supply Components Inc was the only tenant listed for the Property. |
| Aerial Photograph | 2012 | The 2012 aerial photograph appears consistent with the 2009 aerial photograph. |
| City Directory | 2014 | According to the 2014 city directory, Coach Brakes, DuraBrake Co LLC, and Power Supply Components Inc were located at the Property. |
| Aerial Photograph | 2016 | The 2016 aerial photograph appears consistent with the 2012 aerial photograph. |

Based on the history of the Property and surrounding areas, two *de minimis* conditions were identified with respect to the Property:

- The Property was used for agricultural purposes on and off from at least 1939 until the current buildings were developed sometime between 1973 and 1977. There is no evidence that the Property was ever used for orchards but appears to have been plowed and used for row crops.

- The surrounding facilities were historically used and/or are currently used for industrial purposes including the manufacture of computer, electronic, microwave, heating, and medical equipment as well as waste disposal. The number of industrial and commercial facilities the vicinity of the Property is considered *de minimis* with respect to the Property.

# 5. Records Review

To evaluate and analyze sites of potential environmental concern, Roux reviewed records from the EDR Radius Report (Appendix A), FOIA/Public Records Requests (Appendix B), and previous Property environmental investigations (Appendix H). Only the facilities that meet the criteria presented below, which may pose a potential environmental concern to the Property, are discussed in this report:

- Facilities located immediately adjacent to the Property are examined due to their close proximity to the Property and the potential for surface water discharges (e.g., stormwater runoff, surface water effluent discharges) to enter the Property or through the migration of groundwater or soil vapor.
- Facilities located within 1/8-mile topographically or hydraulically upgradient to the Property. As discussed in Section 3.3, groundwater flow direction has been established as being to the northeast in the vicinity of the Property. As such, facilities within one-eighth of a mile to the southwest of the Property are discussed herein as having a potential impact on subsurface conditions at the Property.
- National Priority Listings (NPL) sites within one-mile of the Property.
- Any sites that have caused documented groundwater impacts to the Property.

A summary of the relevant record findings and potential environmental impacts to the Property is provided in Section 5.4.

## 5.1. EDR Listings

Roux used a computerized environmental database and radius map report prepared by EDR to conduct a government records database search within a one-mile radius of the Property. Appendix A contains a complete copy of the EDR Radius Map Report with GeoCheck. Table 3 shows the search results for all the pertinent databases that indicated potential environmental concerns at the Property and sites within a one-mile radius of the Property. The data in Table 3 was exported from EDR Lightbox.[17] A description of the databases can be found in the EDR Radius Report (Appendix A).

**Table 3. EDR Listings for facilities within 1-mile of the Property**

| Database | Target Property | <1/8 mile | 1/8-1/4 mile | 1/4-1/2 mile | 1/2-1 mile | Total |
|---|---|---|---|---|---|---|
| NPL | 0 | 0 | 0 | 0 | 1 | 1 |
| RCRA-LQG | 0 | 6 | 1 | NR | NR | 7 |
| RCRA-SQG | 1 | 14 | 1 | NR | NR | 16 |
| CA RESPONSE | 0 | 0 | 0 | 0 | 1 | 1 |
| CA ENVIROSTOR | 0 | 4 | 3 | 2 | 14 | 23 |
| CA LUST | 0 | 2 | 0 | 0 | NR | 2 |
| CA CPS-SLIC | 0 | 4 | 0 | 0 | NR | 4 |
| CA HIST LUST | 0 | 1 | 0 | 0 | NR | 1 |

[17] http://www.web.edrnet.com/ordering/lightboxv5/index.html#/?pguid=e2304c16-c017-48d6-a08e-5ce03b60421e&lsessguid=fa9dbb65-f4e9-4124-ac23-d4dfbdc7944f

| Table 3. EDR Listings for facilities within 1-mile of the Property | | | | | | |
|---|---|---|---|---|---|---|
| CA AST | 0 | 0 | 1 | NR | NR | 1 |
| CA VCP | 0 | 0 | 0 | 1 | NR | 1 |
| CA HIST Cal-Sites | 0 | 0 | 0 | 0 | 1 | 1 |
| CA CERS HAZ WASTE | 0 | 12 | 2 | NR | NR | 14 |
| CA HIST UST | 0 | 2 | 1 | NR | NR | 3 |
| CA CERS TANKS | 0 | 0 | 1 | NR | NR | 1 |
| CA DEED | 0 | 1 | 0 | 1 | NR | 2 |
| RCRA NonGen / NLR | 0 | 1 | 2 | NR | NR | 3 |
| ROD | 0 | 0 | 0 | 0 | 1 | 1 |
| FINDS | 1 | 0 | NR | NR | NR | 1 |
| ECHO | 1 | 0 | NR | NR | NR | 1 |
| CA BOND EXP. PLAN | 0 | 0 | 0 | 0 | 1 | 1 |
| CA Cortese | 0 | 1 | 0 | 0 | NR | 1 |
| CA CUPA Listings | 1 | 13 | 4 | NR | NR | 18 |
| CA EMI | 1 | 0 | NR | NR | NR | 1 |
| CA HAZNET | 2 | 0 | NR | NR | NR | 2 |
| CA HIST CORTESE | 0 | 2 | 1 | 0 | NR | 3 |
| MN MANIFEST | 0 | 1 | 1 | NR | NR | 2 |
| PA MANIFEST | 0 | 2 | 0 | NR | NR | 2 |
| NY MANIFEST | 1 | 0 | 0 | NR | NR | 1 |
| **TOTAL** | **8** | **66** | **18** | **4** | **19** | **115** |

*NR – Not relevant

Table 3 displays all the facilities located within a one-mile radius of the Property that are listed in pertinent environmental databases identified by EDR. However, only the EDR listings for the facilities that meet the criteria for potential environmental concerns to the Property (as defined in Section 5) are shown in Table 4.

| Table 4. EDR Listings for facilities of Potential Environmental Concern | | | | | | |
|---|---|---|---|---|---|---|
| **Database** | **Distance from Property (mi)** | **Orientation from the Property** | **Elevation Relative to Property** | **Facility** | **Address** | **Potential Release** |
| EMI, CUPA LISTINGS, HAZNET, MANIFEST | 0.00 | Property | Same | Leat Co Printing and Graphics | 2307 Calle Del Mundo | No |
| FINDS, RCRA-SQG, ECHO | 0.00 | Property | Same | G&K Metal Finishing | 2307 Calle Del Mundo | No |
| HAZNET | 0.00 | Property | Same | Permian Builders | 2303 Calle Del Mundo | No |
| CUPA LISTINGS | 0.012 | Adjacent, South | Higher | Way of the World | 2302 Calle Del Mundo | No |
| CERS, CERS HAZ WASTE | 0.022 | Adjacent, East | Lower | Centerline Precision Inc | 2265 Calle Del Mundo | No |
| CERS, CERS HAZ WASTE | 0.031 | Southwest | Higher | LP Glassblowing , Inc. | 2330 Calle Del Mundo | No |
| CERS, CERS HAZ WASTE, FINDS, RCRA-SQG, ECHO | 0.032 | Adjacent, East | Lower | Clark Precision Sheetmetal | 2275 Calle Del Mundo | No |

| Table 4. EDR Listings for facilities of Potential Environmental Concern | | | | | | |
|---|---|---|---|---|---|---|
| Database | Distance from Property (mi) | Orientation from the Property | Elevation Relative to Property | Facility | Address | Potential Release |
| CERS, CERS HAZ WASTE, HAZNET, CPS-SLIC, CERS | 0.053 | Adjacent, West | Higher | Watts Machining Inc | 2339 Calle Del Mundo | Yes |
| CUPA LISTINGS | 0.054 | Southwest | Higher | W&K Automotive | 2338 Calle Del Mundo | No |
| FINDS, RCRA-SQG, HAZNET, EMI, NPDES, WDS, ECHO, CIWQS, CERS, CERS HAZ WASTE | 0.06 | Southwest | Higher | Alzeta Corporation | 2343 Calle Del Mundo | No |
| FINDS, RCRA-SQG, HAZNET, ENF, DEED, ECHO, CPS-SLIC, CERS | 0.064 | Southwest | Higher | Richard and Donna Wills Revocable Trust | 2301 Calle De Luna | Yes |
| HAZNET, CORTESE | 0.064 | Southwest | Higher | D&H Manufacturin g Co | 2301 & 2309 Calle De Luna | No |
| HIST UST | 0.069 | Southwest | Higher | Cirtex Inc | 2309 Calle De Luna | No |
| FINDS, RCRA-SQG, EMI, ECHO | 0.071 | Southwest | Higher | Cirtex Inc | 2346 Calle Del Mundo | No |
| MANIFEST, CERS, CERS HAZ WASTE, CUPA LISTINGS, RCRA-LQG | 0.075 | South | Higher | Inta Technologies Corporation | 2281 Calle De Luna | No |
| FINDS, RCRA-SQG, ECHO | 0.078 | Southeast | Higher | Double Precision MFG | 2271 Calle De Luna | No |
| CUPA LISTINGS | 0.087 | Southwest | Higher | Sun Circuits Inc | 2354 Calle Del Mundo | No |
| FINDS, RCRA-SQG, ECHO | 0.089 | Southwest | Higher | Amalar Inc | 2317 Calle De Luna | No |
| CERS, CERS HAZ WASTE | 0.092 | Southwest | Higher | LP Glassblowing , Inc. | 2325 Calle De Luna | No |
| FINDS, RCRA-SQG, HAZNET, ECHO | 0.107 | Southwest | Higher | Altatron Inc | 2264 Calle De Luna | No |
| RCRA-LQG, EMI, NPDES, ENVIROSTOR, CUPA LISTINGS, CIWQS, CERS, CPS-SLIC | 0.107 | South | Higher | Coatek Inc; 2278 Calle De Luna | 2272 & 2278 Calle De Luna | Yes |
| CUPA LISTINGS, FINDS, RCRA-LQG, ENVIROSTOR, WDS, ECHO, RCRA-SQG | 0.11 | Southwest | Higher | Sun Circuits Inc | 5191 Lafayette Ave | No |
| HAZNET, CUPA LISTINGS | 0.111 | South | Higher | Cody Electronics | 5128 Calle Del Sol | No |
| MANIFEST, FINDS, RCRA-SQG, HAZNET, CUPA LISTINGS, ECHO | 0.113 | Southwest | Higher | Sun Circuits Inc | 5124 Calle Del Sol | No |

| Table 4. EDR Listings for facilities of Potential Environmental Concern | | | | | | |
|---|---|---|---|---|---|---|
| **Database** | **Distance from Property (mi)** | **Orientation from the Property** | **Elevation Relative to Property** | **Facility** | **Address** | **Potential Release** |
| ENVIROSTOR, CHMIRS, CA HIST CORTESE | 0.215[18] | Adjacent, North | Higher | All Purpose Landfill | 5401 Lafayette Ave | Yes |
| RCRA-SQG, HAZNET | 0.115 | Southwest | Higher | Guided Delivery Systems | 2355 Calle De Luna | No |
| CERS, CERS HAZ WASTE | 0.121 | Southwest | Lower | Gateway Precision Inc | 2300 Calle De Luna | No |
| NPL, SEMS, US ENG CONTROLS, US INST CONTROL, CA ENVIROSTOR, CA HIST Cal-Sites, CA DEED, ROD, PRP, ICIS, CA Cortese, CA HIST Cortese | 0.64 | North | Lower | South Bay Asbestos Area | Foot of Liberty St, Guadalupe River | Yes |

Only the Property and off-site listings that may have impacted the Property (identified in Table 4 with a "Yes" for potential release) are further discussed in Sections 5.1.1 and 5.1.2.

### 5.1.1. Property EDR Listings

According to the EDR Radius Report, at the Property there are eight EDR listings (Table 4). Out of the eight EDR listings, none are associated with a release to the Property. Below is a summary of the EDR listings per facility.

Leat Co Printing and Graphics (Leat Co.) (2307 Calle Del Mundo)

Leat Co. was a facility that generated less than 5 tons per year of hazardous waste and had Emissions Inventory Data (EMI) for 1996 and 1997. However, neither the CUPA or EMI listings indicate a violation or release associated with Leat Co.

G&K Metal Finishing (G&K) (2307 Calle Del Mundo)

According to the RCRA-SQG and FINDS listings, G&K was listed as a Resource Conservatory and Recovery Act (RCRA) Small Quantity Generator (SQG) in 1996. This indicates that the facility generated more than 100 and less than 1,000 kilograms of hazardous waste per month and accumulated less than 6,000 kilograms of hazardous waste at any time; or generated 100 kilograms or less of hazardous waste per month and accumulated more than 1,000 kilograms of hazardous waste at any time. Additionally, G&K was listed in the ECHO database with a registry identification of 110002655859. However, no other information is available. According to the EDR listings, no violations or releases are associated with G&K.

Permian Builders (2303 Calle Del Mundo)

In 2000, Permian Builders disposed of 0.41 tons of an unspecified organic hazardous waste liquid mixture. However, the HAZNET listing does not indicate a violation or release associated with Permian Builders.

[18] All Purpose Landfill is listed as 0.251-miles north of the Property in the EDR Radius Report; however, the facility is immediately north and adjacent to the Property.

### 5.1.2. Off-Site EDR Listings

There are five off-site facilities with potential releases, identified with a "Yes" in Table 4, that may cause potential environmental concern to the Property. These properties are associated with documented spills or leaks (CPS-SLIC), local agency files (ENVIROSTOR), and/or Superfund Sites (NPL). A summary of the EDR listings, associated with the potential off-site releases that may impact the Property, is provided below.

Watts Machining Inc (Watts) (2339 Calle Del Mundo)

According to the CPS-SLIC listing, Watts contaminated groundwater, used as a drinking water supply, with tetrachloroethene (PCE) and trichloroethene (TCE). In 2016, Watts received a case closure from the RWQCB. No additional information is available regarding this EDR listing.

Richard and Donna Wills Revocable Trust (Richard and Donna Site) (2301 Calle de Luna)

Based on the CPS-SLIC listing, the Richard and Donna Site is currently an open site with the RWQCB. D&H Manufacturing (D&H) previously owned the facility and sold it to the Richard and Donna Wills Revocable Trust in January 2002. D&H used the Richard and Donna Site to produce metals-parts for the semiconductor industry. Under the oversight of the RWQCB, groundwater monitoring has been conducted at the Richard and Donna Site since 2002. The primary contaminants of concern (COCs) in groundwater are PCE and 1,1,1-trichloroethane (1,1,1-TCA).

Coatek Inc. and 2278 Calle De Luna (Parcel 19) (2272 and 2278 Calle De Luna)

According to the CPS-SLIC listing, Parcel 19 has been occupied by various industrial tenants since the late 1970s. Coatek Inc. (Coatek) was the most recent former tenant of the four westernmost units at Parcel 19. From 1989 through 2016, Coatek produced printed circuit boards which used heavy metals, acids, bases, cyanide, and other chemicals. Cyanide was detected in soil above the soil leaching to groundwater screening level. However, a remedial excavation within the building was completed to remove cyanide contaminated soil to below the leaching screening level. In November 2018, Parcel 19 received case closure.

All-Purpose Landfill (5401 Lafayette Street)

Based on the Envirostor Listing, the All-Purpose Landfill case opened through DTSC's Berkeley Cleanup Division in 1983. The potential COCs at the landfill include house-hold wastes and asbestos containing materials. Additionally, the CHMIRS listing states that an incident occurred in November 1991; however, no other information is available.

South Bay Asbestos Area (Foot of Liberty Street and the Guadalupe River)

Within one-mile of the Property there is an NPL site.[19] The NPL site is associated with the South Bay Asbestos Area, at the foot of Liberty Street and the Guadalupe River. According to the NPL EDR listing and the Environmental Protection Agency's (EPA) website,[20] various companies disposed of asbestos at the facility from 1953 to 1982. Neither EDR or EPA mentioned that groundwater was impacted by the disposal of asbestos materials.

## 5.2. FOIA/Public Records Request Responses

FOIA/public records requests for the Property were submitted to federal, state, and local regulatory agencies (Section 2.2; Appendix B). Additionally, information that is publicly available online was searched

[19] "The National Priorities List (NPL) is the list of sites of national priority among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. The NPL is intended primarily to guide the EPA in determining which sites warrant further investigation." https://www.epa.gov/superfund/superfund-national-priorities-list-npl

[20] https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0902250

for the Property and off-site facilities with potential environmental concerns. Information obtained from all agencies, correspondence, and online searches are included in Appendix B and summarized below.

### *Regional Water Quality Control Board (RWQCB)*

Roux submitted a records request to RWQCB on January 15, 2019. On January 18, 2019, a response was received that no listings associated with the Property were identified.

Roux queried the online State Water Resources Control Board (SWRCB) GeoTracker database on January 24, 2019. Four listings were identified that meet the criteria for potential environmental concerns to the Property. A summary of the information obtained from GeoTracker for these four listings is provided below.

CDM Investors (2339 Calle Del Mundo)

CDM (same facility as Watts mentioned in Section 5.1.2) is located immediately west of the Property. According to GeoTracker, PCE and TCE-impacts were identified in groundwater.[21] In July 1997, CDM received No Further Action (NFA) from the RWQCB, since it was determined that volatile organic compounds (VOCs) detected in the subsurface were from off-site sources.[22] However, when CDM received NFA from the RWQCB, concentrations of TCE in soil ranged from below the laboratory reporting limit to 560 parts per billion (ppb) and concentrations of TCE in groundwater ranged from 250 ppb to 395 ppb.[23] The concentrations of TCE in groundwater were well above the established Maximum Contaminant Level (MCL) of 5 ppb.

Additionally, along CDM's north-eastern boundary is a groundwater monitoring well (G-2R; Figure 2). This well is part of All-Purpose Landfill's groundwater monitoring program. Based on groundwater samples collected in November 2018 from well G-2R, TCE, cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride (VC) were all detected in groundwater. TCE was detected at 33 micrograms per liter (µg/L), cis-1,2-DCE was detected at 8.0 µg/L, and VC was detected at 0.40 µg/L.[24] These recent TCE and VC groundwater concentrations exceed both their respective MCLs and the Residential ESLs for a vapor intrusion health risk.

D&H (2301 Calle de Luna)

D&H (same facility as the Richard and Donna Site mentioned in Section 5.1.2) is located approximately 340 feet upgradient from the Property. According GeoTracker, PCE-impacted groundwater was identified at D&H.[25] However, years of groundwater monitoring have shown that concentrations of PCE have decreased to below laboratory screening levels in the furthest downgradient well, which is closest to the Property.[26]

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[21] https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000008100
[22] RWQCB, 1997. *No Further Action, Property at 2339 Calle Del Mundo, Santa Clara*. July 26. https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8244572520/43s0787.21.pdf
[23] E2C, Inc., 1997. *Soil and Groundwater Investigation*. February 4. https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1722046375/43s0787%2E3%2Epdf
[24] Langan, 2019. *Fourth Quarter 2018 Santa Clara All-Purpose Landfill*. January 14. https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7797692358/L10006514573.PDF
[25] https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL0608590095
[26] Langan Treadwell Rollo, 2014. *First Semi-Annual 2013 Groundwater Monitoring Report*. January 10. https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7412935376/SL0608590095.PDF

2278 Calle De Luna (2278 Calle De Luna)

2278 Calle De Luna (same facility as Parcel 19 mentioned in Section 5.1.2) is located topographically higher and approximately 550 feet south of the Property. Based on GeoTracker, hexavalent chromium, cyanide, pesticides, and chlorinated hydrocarbons were observed in groundwater, soil, and soil vapor.[27] However, based on the remedial work plan for 2278 Calle De Luna, the only impact requiring remedial action was a detection of cyanide above the leaching to groundwater screening level.[28] As previously discussed in Section 5.1.2, a remedial excavation was conducted at 2278 Calle De Luna (Parcel 19) in June 2018 to remove the cyanide-impacted soil to below the leaching to groundwater screening level.[29] In November 2018, the Santa Clara County Department of Environmental Health issued a Case Closure for the facility.[30]

Santa Clara All-Purpose Landfill (5500 Lafayette Street)

City of Santa Clara's All-Purpose Landfill at 5500 Lafayette Street,[31] is located west and immediately north of the Property. According to the *First Semi-Annual 2018 Self-Monitoring Report* by Golder and Associates Inc, the Santa Clara All-Purpose Landfill consists of four parcels known as: 1, 2, 3/6, and 4, which cover approximately 136 acres (*First Semi-Annual 2018 Self-Monitoring Report* Figure 1).[32] Landfill operations began in Parcel 4 and were conducted between 1934 and 1977. Parcel 4 was used initially as an open burning dump and later accepted only dry material, construction debris, yard wastes, and non-garbage items. Landfill operations took place on Parcel 2 between 1977 and 1984. Landfill operations began on Parcel 1 in 1982 and continued until 1986. Parcel 3/6 was filled between 1986 and 1991. Landfill operations resumed in the northwest corner of Parcel 1 (Parcel 1-NW) in 1991 and continued until the last waste was accepted on September 30, 1993. The former landfill facility conducts leachate extraction continuously and monitors groundwater semi-annually in compliance with their Waste Discharge Requirements Order. Constituents of concern includes chlorinated volatile organic compounds (cVOC) and metals.

### *Department of Toxic Substances Control (DTSC)*

Roux submitted a records request to DTSC on January 15, 2019. A response was received on January 24, 2019 stating that no listings for the Property were identified.

Roux queried the online DTSC Envirostor and Hazardous Waste Tracking System (HWTS) databases on January 24, 2019. No listings for the Property were identified on Envirostor. However, the following listings were identified on HWTS.

[27] https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000009993
[28] Roux, 2018. *Remedial Work Plan*. January 26. https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4273047089/T10000009993.PDF
[29] Roux, 2018. *Completion Report*. August 20. https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5659836053/T10000009993.PDF
[30] Santa Clara County Department of Environmental Health, 2018. *Voluntary Cleanup Program Case Closure*. November 8. https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/7717785060/VCP%20Case%20Closure%20Letter_2278%20Calle%20de%20Luna.pdf
[31] https://geotracker.waterboards.ca.gov/profile_report?global_id=L10006514573
[32] Golder Associates, Inc., 2018. *City of Santa Clara - All Purpose Landfill: First Semi-Annual 2018 Self-Monitoring Report*. July 31. https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5600262582/L10006514573.PDF

Permian Builders (2303 Calle Del Mundo)

According to the HWTS listing, the facility has been inactive since October 2000. Permian Builders stated they disposed of 0.34 tons of an unspecified organic mixture in 2000.[33] This HWTS listing is similar to the information obtained from the EDR HAZNET listing, as explained in Section 5.1.1.

G&K (2307 Calle Del Mundo)

According to the HWTS listing, the facility has been inactive since January 1995. No records were available in the HWTS database for G&K.[34]

Leat Co. (2307 Calle Del Mundo)

According to the HWTS listing, the facility has been inactive since June 1999. Leat Co. stated that between 1996 through 1998, the facility disposed of an unspecified organic mixture as well as photochemical/photopressing waste. Between these three years, a total of 0.35 tons of hazardous waste was disposed.[35]

Additionally, three listings were identified in the Envirostor and HWTS databases that meet the criteria for potential environmental concerns to the Property, as outlined in Section 5. A summary of the information obtained from the DTSC databases for these three listings is provided below.

Sun Circuits, Inc (Sun Circuits) (5191 Lafayette Street)

Sun Circuits is located approximately 550 feet upgradient from the Property. The listing includes records of alkaline liquids being generated at Sun Circuits. However, no manifests or disposal listings indicate that the materials were neutralized on-site and/or disposed through the sewer to storm drains.[36,37]

2278 Calle De Luna (2278 Calle De Luna)

2278 Calle De Luna (same facility as Parcel 19) is located topographically higher and approximately 550 feet south of the Property. The only information for 2278 Calle De Luna on Envirostor, is that the facility is "inactive" and requires further evaluation.[38]

Paragon Electronic Systems, Inc (Paragon) (2318 Calle De Luna)

Paragon is located approximately 600 feet upgradient from the Property. The only information regarding Paragon on Envirostor, is that the facility received NFA in 1997.[39]

### *Santa Clara County Consumer & Environmental Protection*

Roux submitted a records request to Santa Clara County Consumer & Environmental Protection on January 15, 2019. A response was received on January 18, 2019 that no listings for the Property were identified.

[33] https://hwts.dtsc.ca.gov/hwts_Reports/ReportPages/Report03.aspx?epaid=CAC001323672
[34] https://hwts.dtsc.ca.gov/hwts_Reports/ReportPages/Report03.aspx?epaid=CAD069138261
[35] https://hwts.dtsc.ca.gov/hwts_Reports/ReportPages/Report03.aspx?epaid=CAL000093333
[36] https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003561
[37] https://hwts.dtsc.ca.gov/hwts_Reports/ReportPages/Report03.aspx?epaid=CA0000068809
[38] https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003228
[39] https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003542

### *City of Santa Clara*

Roux submitted a records request to the City of Santa Clara on January 15, 2019. As of February 6, 2019, a response has not been received.

Based on a review of the previous Phase I's[40][41][42] conducted at the site, the City of Santa Clara Building Department (SCBD) had provided the following information for the Property during those reports:

- Information from the SCBD files revealed the earliest records for the subject site included a permit to construct a light industrial building was issued to GME Associates on February LS, 1977. The building (addressed as 2303 Calle Del Mundo) noted within an inspection sheet, indicated the building is 17,460-square feet in area, and is located on a 19,500-square foot lot.
- On March 17, 1977, a permit for three storm drains was issued for the Property.
- On March 22, 1977, a permit for sanitary sewer hook-ups was issued for the Property.
- On March 20, 1990, a permit was issued for tank removal. The SCBD files indicate that a tank containing electroplating rinse water was removed from an 8' x 16' 6-foot deep concrete vault.

### *Santa Clara County Fire Department*

Roux submitted a records request to the City of Santa Clara on January 15, 2019. As of February 6, 2019, a response has not been received.

Based on a review of the previous Phase I's[43][44][45] conducted at the site, the City of Santa Clara Fire Department (SCFD) had provided the following information for the Property and summarized here.

According to the information provided by the SCFD, one closed file was available pertaining to the Property address 2307 Calle del Mundo pertaining to hazardous materials use. The other on-site addresses did not contain information about hazardous material use.

An "Inspection report for Generators" dated January 26, 1998 indicated the former tenant Leat Company Printing & Graphics (Leat) was a Small Quantity Generator. The inspection report indicated that two hazardous waste storage violations were noted. A "Certificate of Return to Compliance" for the site was dated February 16, 1998. Leat's Hazardous Materials Inventory Statement, updated April 11, 1997 indicated offset inks and waste ink and debris as their on-site hazardous materials. Hazardous materials utilized by Leat in 1998, included photographic chemicals stored in a dark room; two 5-gallon containers of

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[40] Basics Environmental Inc., 2009. "Phase I Environmental Site Assessment, 2307 Calle Del Mundo, Santa Clara, California." May 5.
[41] Iris Environmental, 2014. " Phase I Environmental Site Assessment, Tasman East, Parcels 16, 17, 18, 28, 61, 62, 63, And 64, Santa Clara, California." August 1.
[42] Anderson Environmental, 2015. "LIMITED ENVIRONMENTAL SITE ASSESSMENT REPORT, Performed at: 2303-2319 Calle Del Mundo, Santa Clara, California 95054, Assessor's Parcel Number: 097-05-061." July 7.
[43] Basics Environmental Inc., 2009. "Phase I Environmental Site Assessment, 2307 Calle Del Mundo, Santa Clara, California." May 5.
[44] Iris Environmental, 2014. " Phase I Environmental Site Assessment, Tasman East, Parcels 16, 17, 18, 28, 61, 62, 63, And 64, Santa Clara, California." August 1.
[45] Anderson Environmental, 2015. "LIMITED ENVIRONMENTAL SITE ASSESSMENT REPORT, Performed at: 2303-2319 Calle Del Mundo, Santa Clara, California 95054, Assessor's Parcel Number: 097-05-061." July 7.

plate developer and approximately 5-gallons of finisher in the main warehouse area; solvents used for the cleaning of printing machinery, inks, and dyes in a metal storage cabinet in the warehouse.

One of the printers was also permitted by the Bay Area Air Quality Management District (BAAQMD). An updated permit issued by the BAAQMD was posted. Minor staining was observed near one photo development machine; however, the concrete slab appeared to be in good condition and there were no floor drains observed in the area.

An inspection report, dated April 20, 1990 for the former tenant S K Systems, indicated no hazardous materials had been observed onsite with the exception of one 5-gallon container of lubricating oil (Basics, May 2009).

A site assessment report of the former G&K Metal Finishing previously located in 2307 Calle del Mundo indicated that two, four-inch diameter wells were advanced to depths of 20 and 20.5 feet (Advance Soil Technology, Inc., June 1989). The purpose of the site assessment was to evaluate whether the activities at the metal finishing shop had impacted the soil and groundwater beneath the site. Two composite soil samples and two groundwater samples and were analyzed for volatile priority pollutant compounds, priority pollutant metals, and pH. While concentrations of metals were above reporting limits were in the soil samples, the concentrations were below the California hazardous waste criteria levels. Only concentrations of metals were above the drinking water standards in both groundwater samples for arsenic, barium, beryllium, cadmium, total chromium, copper, mercury, nickel, lead, antimony, selenium, and vanadium.

A third groundwater monitoring well (MW-3) was advanced on-site in response to the results of the June 1989 sampling event (Advance Soil Technology, Inc., August 1989). One soil sample and one groundwater sample were collected and analyzed for priority pollutant metals. While concentrations of metals were above reporting limits in MW-3 were in the soil samples, the concentrations were below the California hazardous waste criteria levels. In MW-3, several metals exceeded drinking water standards in the groundwater. Groundwater· gradient was also measured and was found to be flowing in a north to northeast direction (Advance Soil Technology, Inc, August 1989). The two Advance Soil Technology reports stated that G&K Metal Finishing used metals in their processes on-site, and that businesses in the vicinity also were known to use metals in their processes.

A report dated April 27, 1990 described facility closure activities performed by Decon Environmental Services Inc. (Decon), at the G&K Metal Finishing shop (Decon, April 1990). Decon performed pressure-washing of concrete surfaces and the three-stage clarifier. The clarifier was excavated, and soil samples were collected under the supervision of the SCFD. Two samples were collected at the base of the clarifier excavation and three samples were collected along the sewer line connecting the clarifier to the sanitary sewer. An additional soil sample was later collected at the request of SCFD from northwest corner of the excavation. A water sample was collected from the holding tank (presumably the rinse water) and a sample of the drywall from a nearby wall. All of the samples were analyzed for copper, nickel, lead, chromium, cadmium, and zinc. One soil sample, the water sample, and the drywall sample were analyzed for hexavalent chromium and the concrete sample was analyzed for soluble nickel.

- No cadmium detected in any of the soil samples.
- Copper was detected in soil samples collected in concentrations ranging from 17 to 34 parts per million (ppm).
- Nickel was detected in soil at concentrations ranging from 41 to 120 ppm.

- Lead was detected in soil at concentrations ranging from 1.9 to 14 ppm.
- Chromium was detected in the soil at concentrations ranging from 36 to 70 ppm.
- Zinc was detected in soil in concentrations ranging from 37 to 310 ppm.
- Hexavalent chromium was analyzed for in one soil sample and was detected at 3.1 ppm.

After reviewing the analytical results, the SCFD approved the backfilling of the clarifier excavation and the resurfacing of the concrete floor (Decon, April 1990).

A review of site activities was conducted for the site by Moss Engineering and summarized in a report dated December 7, 1990 (Moss Engineering, December 1990). This report concludes that concentrations of metals exceed drinking water standards in the shallow groundwater, however the shallow groundwater is not a drinking water resource. The report concluded that environmental protection standards rather than drinking water standards should be applied to the shallow groundwater beneath the site. The report stated that the on-site activities of G&K Metal Finishing may have caused or contributed to the concentrations of metals in the groundwater underlying the site. The report also emphasized the possibility that other metal plating businesses in the vicinity and the former landfill to the north may have been contributors to the groundwater contamination, as well. Additional groundwater monitoring was recommended to compare the concentrations of metals in the soil and groundwater after G&K Metal Finishing had stopped operations (Moss Engineering, December 1990).

The three on-site wells were sampled in March 1991. A May 1991 ground water sampling report indicated a significant decrease in metals concentration since 1989, such as nickel, chromium copper, zinc and lead concentrations decreased two orders of magnitude from their respective maximum concentrations. (Moss Engineering, May 1991).

Groundwater samples collected from the three on-site wells in August of 1993 and analyzed for chromium, copper, lead, nickel and zinc were found to have reduced concentrations of these metals in comparison with previous sampling events (H20GEOL, August 3, 1993). The concentrations of these metals were below drinking water standards.

Groundwater samples collected from the three on-site wells in 1998 and analyzed for priority pollutant metals and were still below drinking water standards. As such, the RWQCB required no further action related to the presence of metals in the groundwater and approved the destruction of the three onsite ground-water monitoring wells.

### *Division of Oil, Gas & Geothermal Resources (DOGGR)*

Roux queried DOGGR on January 15, 2019 and determined that no oil, gas, or geothermal wells were present in the vicinity of the Property.

### *CalRecycle Solid Waste Information System (SWIS)*

Roux queried SWIS on January 24, 2019 and determined that they only solid waste facility to meet the criteria outlined in Section 5 was the All-Purpose Landfill. According to SWIS, the All-Purpose Landfill is permitted and currently closed.

### *Bay Area Air Quality Management District (BAAQMD)*

Roux submitted a records request to BAAQMD on January 15, 2019, on January 29, 2019 a response was received stating that no listings were identified for the Property.

## 5.3. Previous Property Environmental Investigations

Documents related to previous environmental investigations conducted on the Property were provided by the User (Appendix H). Below is a summary of these investigations.

1989 Site Assessment Existing Metal Finishing Shop, Advanced Soil Technology, Inc. (AST, Inc.)

In May 1989, two groundwater monitoring wells were installed at the Property and sampled for soil and groundwater. The wells were drilled to a depth of 20.5-feet bgs. The soil samples were analyzed for Priority Pollutant Metals and pH. Based on the soil analytical results, pH ranged from 7.4 to 8.6 and all metals, expect for arsenic which was below background levels, were below the current Commercial/Industrial Environmental Screening Levels (ESLs). However, the following metals were above their respective Residential ESLs: lead and thallium. The analytical data for the groundwater samples was redacted from the version of the report that Roux reviewed. However, based on the text "elevated levels of metals were detected in groundwater."

Additionally, according to this report, AST, Inc., believes that the following companies may have impacted the Property: Nu Metal at 2262 Calle Del Mundo, Cirtex at 2335 Calle Del Mundo, and D&H at 2325 Calle De Luna. Nu Metal is located southeast of the Property and conducted metal finishing, which used metals, corrosives, and 1,1,1-TCA. Cirtex is located southwest of the Property and used metals and corrosives for computer board manufacturing. Additionally, AST, Inc.'s research showed that Cirtex had an underground sump at their facility to handle waste. D&H was previously explained in Sections 5.1.2 and 5.2

1989 Additional Field Investigation Existing Metal Finishing Shop, Advanced Soil Technology, Inc.

In July 1989, an additional groundwater monitoring well was installed at the Property and sampled for soil and groundwater. The well was constructed to a depth of 20-feet bgs. Both the soil and groundwater samples were analyzed for Priority Pollutant Metals. As observed in May 1989, the concentrations of metals observed in soil were below the current Commercial/Industrial ESLs, expect for arsenic, which was within background levels. Additionally, the only metal detected above the Residential ESL was thallium. Many of the metal concentrations detected in groundwater are above their respective MCLs. This includes antimony, arsenic, barium, beryllium, cadmium, cobalt, chromium (total), copper, mercury, nickel, lead, thallium, vanadium, and zinc. During this groundwater monitoring event, groundwater flow was observed to the northeast.

1990 G&K Metal Finishing Facility Closure Activities, DECON

In March 2000, DECON conducted closure activities at the Property, associated with the former tenant G&K. Closure activities included removal of a sump (clarifier),[46] pressure-washing concrete surfaces and the sump, disposing of water from the pressure-washing, collecting soil samples from beneath the clarifier (after removal) and adjacent sewer line, characterization of wash water, and collection of building materials (drywall and concrete). The approximate location of the former clarifier is shown on Figure 2. All samples were collected with Santa Clara County Fire Department oversight. The samples were analyzed for one or more of the following: copper, nickel, lead, chromium, hexavalent chromium, cadmium, and zinc. After the

[46] The clarifier consisted of an 8' x 16' x 16' deep concrete vault, which contained electroplating rinsewater as part of G&K's on-site operations.

fire department reviewed the analytical data, they determined that no residual contamination was left in place from the sump removal and the excavation was backfilled. During the time of the facility closure, the concentrations of metals in soil were below their respective Residential ESLs, with the exception of hexavalent chromium. The concentrations of hexavalent chromium detected in soil along the sewer line exceeds the present-day Residential cancer-risk ESL of 0.30 milligrams per kilogram (mg/kg).

1990 Review of Site Activities, Moss Engineering

In December 1990, a memo (1990 Memo) was drafted summarizing the previous environmental investigations and Property conditions. Only new information not previously explained is provided for the 1990 Memo. According to the 1990 Memo, no "detectable concentrations of volatile hydrocarbons/chlorinated solvents" were detected in soil or groundwater. However, after reviewing the reports Moss Engineering referenced to make this claim, it appears that no analytical soil/groundwater data is available for volatile hydrocarbons/chlorinated solvents.[47] This 1990 Memo also makes the argument that the groundwater beneath the Property is too saline and should not be treated as a potable water source. Therefore, the concentration of metals in groundwater were compared to the aquatic protection standard. Based on this analysis, nickel, chromium, copper, and zinc all exceeded the aquatic protections standard.

Additionally, in this 1990 Memo, Cirtex was also identified as an off-site facility that may have impacted the Property due to its "known contamination."

1990 Drywall Sample Memo, DECON

DECON collected a drywall sample during the 1990 closure activities at the Property and analyzed it for total hexavalent chromium. The sample yield a concentration of 44 milligrams per kilograms (mg/kg), which is below the hazardous material limit of 500 mg/kg.

1993 Groundwater Sampling and Analysis at GME Associates Building, $H_2$0GEOL

In July 1993, additional groundwater samples were collected from the three Property monitoring wells. The samples were analyzed for chromium, copper, lead, nickel, and zinc. When compared to the observations detected in 1989, the concentrations of metals were significantly lower. Many of the metals were below the laboratory reporting limit. Copper and nickel were the only analytes detected in groundwater and their concentrations ranged from 10 to 14 ppb. All metal groundwater concentrations were below their respective MCLs. During this groundwater monitoring event, groundwater flow was observed to the east.

1998 Well Abandonment Letter Report, ATC Associates, Inc. (ATC)

In 1998, ATC abandoned/destroyed the three groundwater monitoring wells on the Property. The abandonment activities were conducted after the RWQCB issued NFA, since metal concentrations detected in groundwater were below their respective MCLs. The wells were destroyed by placing cement-grout from the true bottom to the surface level (pressure grout).

2009 Phase I ESA, Basics Environmental (Basics)

[47] Basics Environmental's 2009 Phase I Environmental Site Assessment stated that the previous groundwater reports did not summarize the volatile hydrocarbons/chlorinated solvents soil and groundwater concentrations in the text body. However, instead analytical laboratory reports were attached to the reports with results for volatile hydrocarbons/chlorinated solvents. Roux did not have access to these analytical laboratory reports.

In 2009, Basics conducted a Phase I ESA at the Property. During the reconnaissance, the Property was divided into three units: 2307, 2315, and 2319 Calle Del Mundo. 2307 Calle Del Mundo was occupied by PSC, a stocking distributor of magnetic, interconnect, electromechanical, and passive components. 2315 Calle Del Mundo was occupied by Mobile Shield, an auto parts and accessories distributor. 2319 Calle Del Mundo was occupied by Mimosa International (Mimosa), a furniture staging company. According to Basics' analysis, the following *de minimis* conditions were observed at the Property: (i) the historical use of the Property as a ranch and (2) the historical use of hazardous materials from previous Property tenants (G&K and Leat). Basics identified no RECs during their Phase I ESA investigation.

2010 Phase I ESA, Basics Environmental

In 2010, Basics conducted another Phase I ESA at the Property. During the reconnaissance, the Property was divided into three units: 2307 Calle Del Mundo was occupied by PSC, 2315 Calle Del Mundo was vacant, and 2319 Calle Del Mundo was occupied by Mimosa. Operational activities conducted by PSC and Mimosa are similar to those observed in Basics' 2009 Phase I ESA. Additionally, Basics' conclusions regarding *de minimis* conditions and RECs are the same as those stated in their 2009 Phase I ESA.

2014 Phase I ESA, Iris Environmental (Iris)

In 2014, Iris completed a Phase I ESA for the Property and surrounding sites (only discussions regarding the Property are summarized). During the reconnaissance, the Property was divided into three units: 2307, 2311, and 2315 Calle Del Mundo. 2307 Calle Del Mundo was occupied by PSC and 2315 Calle Del Mundo was occupied by Mimosa. Operational activities conducted by PSC and Mimosa are similar to those observed in Basics' 2009 and 2010 Phase I ESAs. 2311 Calle Del Mundo was occupied by DuraBrake, a distributor of large (truck/bus) brake drums, rotors, and similar parts (no manufacturing). According to Iris' analysis, two RECs were identified: (i) the close proximity of the Property to All-Purpose Landfill (which has documented soil and groundwater impacts) and (ii) the possible migration of an off-site VOC-impacted groundwater plume from D&H to the Property. Additionally, Iris determined the following *de minimis* conditions at the Property: (i) the historical use of the Property for agricultural purposes, (ii) the location of an NPL site (South Bay Asbestos Area) within one-mile of the Property, and (iii) the historical use of hazardous materials by former Property tenants.

2015 Environmental Site Characterization (ESC), Langan Treadwell Rollo (Langan)

In 2015, Langan completed an ESC at the Property to address the RECs identified in Iris' 2014 Phase I ESA as well as the planned Property's future use. It was Langan's understanding that the Property's future plans include a multi-family residential development, with a subsurface parking garage (that will require an excavation to approximately 10 to 12 feet bgs).

During the ESC, two borings were completed for soil and groundwater sampling, one boring was completed for soil vapor sampling, and one sub-slab soil vapor probe was installed. During the ESC, due to the stiff clays in the subsurface, no soil vapor sample was collected. The collected soil samples were analyzed for total petroleum hydrocarbons (TPHs) as diesel (TPHd), gasoline (TPHg), and motor oil (TPHmo), VOCs, semi-volatile organic hydrocarbons (SVOCs), organochlorine pesticides (OCPs), polychlorinated biphenyls (PCBs), chlorinated herbicides, and metals. Both the groundwater samples and sub-slab soil vapor samples were only analyzed for VOCs.

The concentrations of TPHs, VOCs, SVOCs, OCPs, PCBs, and chlorinated herbicides detected in soil were all below their respective Residential ESLs for direct exposure in a residential exposure scenario. The

concentrations of metals in soil were compared to the California total threshold limit concentration (TTLC), the State of California hazardous waste criteria, and the general background concentrations for Bay Area soils. According to Langan, all metal concentrations were within normal background.

In both groundwater samples the concentrations of VOCs were below the method detection limit. Therefore, all samples were below the ESL for groundwater as a current or potential drinking water source.

The sub-slab soil vapor sample was compared to calculated screening levels (SLs) derived from the RWQCB soil vapor ESLs for ambient and indoor air for both residential exposure and commercial/industrial exposure with a DTSC default slab attenuation factor of 0.05. The only VOC above the calculated residential land use SL and calculated commercial/industrial land use SL was benzene, which was detected at 110 micrograms per meter cubed ($\mu g/m^3$).

Based on these findings and Langan's understanding of the Property's future use, they determined that "…the removal of vadose zone soils [during excavation activities for the subsurface garage], the installation of a waterproofing system [to protect the subsurface garage from potential contaminated water during dewatering activities], and a garage ventilation system are sufficient mitigation measures to address any potential vapor intrusion concerns at the Site [Property] and that no additional vapor barrier is needed."

<u>2015 Limited ESA, Andersen Environmental (Andersen)</u>

In 2015, Andersen completed another Phase I ESA for the Property. During the reconnaissance, the Property was occupied by three tenants: PSC, DuraBrake, and Mimosa. Operational activities conducted by PSC, DuraBrake, Mimosa are similar to those observed in Iris' 2014 Phase I ESA. According to Andersen's analysis, no RECs were identified during the Phase I ESA.

## 5.4. Records Review Summary

The following is a summary of the relevant environmental findings for the Property and surrounding sites from the EDR Radius Report Map (Appendix A), file reviews (Appendix B), and previous Property environmental investigations (Appendix H).

The Property and surrounding area were generally undeveloped and used for agricultural purposes from approximately the late 1930s until at least the 1970s. The present-day, one-story building was constructed sometime between 1973 and 1977. Based on the records reviewed, the following occupants used the Property:[48]

- **2303 Calle Del Mundo** – Fletcher Construction (1979-1981) and Permian Builders (1997-2002).
- **2307 Call Del Mundo** – G&K (1977-1991), Leat Co. (1995-1998), Kevin Ruse & Associates (1995-1997), and PSC (2000-present).
- **2311 Calle Del Mundo** – Wright Engineering and Manufacturing (1979), Watchell Fastening Systems Company (1990-2002), W & W Landscaping & Hauling (1991), Advanced Fastening Systems Inc. (1996), DuraBrake (2010-present), and Coach Brakes (2014).

[48] Based on the records review, the minimum and maximum observed years were used for determining facility occupancy.

- **2315 Calle Del Mundo** – C&M Precision (1979-1985), Sexton Numerical Control (1990-2002), AccuVac (1991), Mobile Shield (2005-2009), and Mimosa Interiors (2012-2015).

- **2319 Calle Del Mundo** – Pleasure Craft Ceramics (1980) and Communication Network Cabling (1996-2001).

Most of these tenants do not pose an environmental concern to the Property since no EDR listings were identified, no leaks or spills were documented, and/or operational activities did not indicate significant chemical use. Out of occupants listed above, the only tenants with potential environmental concerns to the Property were Leat Co., Permian Builders, and G&K.

Leat Co. generated 250 pounds of photochemical/photo processing waste in 1996 and 1997, and 250 pounds of unspecified liquid waste mixture in 1998. Additionally, this tenant reportedly "handled" silver solution waste in 1998. However, based on the records reviewed, no violations or releases were documented for Leat Co. Therefore, the operational activities conducted by Leat Co. at the Property are not considered a REC.

Permian Builders was a construction company that generated 0.41 tons of unspecified liquid organic mixture waste in 2000. The waste was disposed of at a transfer station. Based on the documents reviewed, no other additional information was available. However, since no violations or releases were documented for the facility, the operational activities conducted by Permian Builders at the Property are not considered a REC.

G&K was a metal finishing facility that reportedly used heavy metals, lubricating oils, Oakite cleaner (containing dipentene), acids, and caustics. In October 1977, a clarifier was installed on the Property to store electroplating rinsewater from G&K's operations. Groundwater samples collected beneath the Property and downgradient from the clarifier in 1989 detected concentrations of metals above the present-day MCLs. The clarifier was removed from the Property in 1990 with oversight from the Santa Clara County Fire Department. In 1993, groundwater samples downgradient from the former clarifier were recollected and analyzed for metals. All the metal concentrations detected in groundwater were significantly lower and below the present-day MCLs. Based on the previous environmental investigations, it appears that G&K impacted groundwater beneath the Property with heavy metals. However, since the concentrations of metals detected in groundwater are now beneath present-day MCLs, metal-impacted groundwater at the Property is considered a HREC.

Based on the documents reviewed, since G&K vacated the facility in 1990, only one intrusive environmental investigation has been conducted on the Property. This investigation was completed by Langan in 2015. During Langan's investigation, they sampled soil, sub-slab vapor, and groundwater. During the investigation, due to the stiff clays in the subsurface, no soil vapor sample was collected. Soil was sampled for metals, TPHs, VOCs, SVOCs, OCPs, PCBs, and chlorinated herbicides. Sub-slab vapor and groundwater was sampled for VOCs. The only exceedance above residential land use scenarios was detected in sub-slab vapor for benzene. However, although Langan stated that metals in soil were "within normal background" concentrations, no soil samples were collected or analyzed in the vicinity of the former clarifier and sewer laterals. It is in this area that soil was left in place (during the clarifier removal activities) that contained concentrations of hexavalent chromium in soil above the current Residential cancer-risk ESL of 0.30 mg/kg. Additionally, other previous environmental investigations conducted at the Property in 1989 detected both lead and thallium above their respective Residential ESLs. Therefore, the presence of metals in soil above their respective Residential ESLs at the Property is considered a REC.

According to the EDR Radius Report, FOIA documents, and previous Property environmental investigations, between the late 1970s and present-day, the surrounding facilities were used mainly for industrial and commercial activities. These activities included the manufacture of computer, electronic, microwave, heating, and medical equipment as well as waste disposal. Based on the criteria described in Section 5, the following surrounding facilities were identified as potential environmental concerns to the Property.

Watts (also known as CDM) is located immediately adjacent and upgradient of the Property. Historically, Watts detected PCE and TCE in groundwater. In 1997, the facility received NFA from the RWQCB since it was determined that VOCs detected in the subsurface were from off-site sources. However, when Watts received NFA from the RWQCB, concentrations of TCE in soil ranged from below the laboratory reporting limit to 560 ppb and concentrations of TCE in groundwater ranged from 250 ppb to 395 ppb. In November 2018, groundwater samples collected from a well (G-2R; Figure 2) in the north-eastern corner of Watts detected concentrations of TCE, cis-1,2-DCE, and VC. TCE was detected at 33 µg/L, cis-1,2-DCE was detected at 8.0 µg/L, and VC was detected at 0.40 µg/L. These recent TCE and VC groundwater concentrations exceed both their respective MCLs and the Residential ESLs for a vapor intrusion health risk. Although VOCs in groundwater have not been detected at the Property and minimal VOCs have been observed in sub-slab at the Property, it is likely that the VOCs observed in groundwater beneath Watts has migrated and impacted the north-western corner of the Property. In this area (north-western corner), no subsurface investigations have been conducted on the Property to either confirm or deny the presence of VOCs in the subsurface. Therefore, the VOC-impacted groundwater present beneath Watts is considered a REC with respect to the Property.

The Richard and Donna Site (also known as D&H) is currently an open site with the RWQCB for cVOC impacts to groundwater. However, years of groundwater monitoring have shown that concentrations of PCE have decreased to below laboratory screening levels in the furthest downgradient well, which is closest to the Property.[49] Therefore, the PCE release at the Richard and Donna Site is not considered a REC with respect to the Property.

Sun Circuits is located slightly upgradient and topographically higher than the Property. The facility has historical documentation of alkaline liquids being generated. However, based on this information and the lack of violations at Sun Circuits, this facility is not considered a REC for the Property.

Parcel 19 is located topographically higher and approximately 550 feet south of the Property. In November 2018, the Santa Clara County Department of Environmental Health issued a Case Closure for Parcel 19. Since the facility is a closed cased, and is located cross-gradient from the Property, Parcel 19 is not considered a REC with respect to the Property.

Paragon is located approximately 600 feet upgradient from the Property. The only information regarding Paragon on Envirostor, is that the facility received NFA in 1997. Since Paragon received NFA, the facility is not considered a REC with respect to the Property. However, the lack of information publicly available for Paragon on Envirostor (i.e., no NFA letter was available) is considered a minor data gap with respect to the Property.

Nu Metal is located southeast of the Property and conducted metal finishing, which used metals, corrosives, and 1,1,1-TCA. This facility was identified by AST, Inc. to have potentially impacted the Property. However,

[49] Treadwell & Rollo. 2014. *First Semi-Annual 2013 Groundwater Monitoring Report, 2301 Calle De Luna, Santa Clara, California*. January 10. https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7412935376/SL0608590095.PDF

based on the records reviewed, there is no documentation of any releases or violations. Therefore, the facility and its operational activities are not considered a REC with respect to the Property.

Cirtex is located southwest of the Property and used metals and corrosives for computer board manufacturing. Additionally, there may have been an underground sump at the facility to handle waste. This facility was identified by AST, Inc. and Moss Engineering to have potentially impacted the Property. However, based on the records Roux reviewed, there is no documentation of any releases or violations. Therefore, the facility and its operational activities are not considered a REC with respect to the Property.

The cVOC groundwater plume at the All-Purpose Landfill is located mostly on Parcel 4 (*First Semi-Annual 2018 Self-Monitoring Report* Figure 1) and is delineated by low to non-detect concentrations of cVOCs. Additionally, the groundwater plume is approximately 1,500-feet cross-gradient from the Property. Due to the distance and delineation of the groundwater plume, this is not considered a REC for the Property.

The South Bay Asbestos Area is located 0.64-miles away and crossgradient from the Property. Due to the distance of the South Bay Asbestos Area from the Property and the lack of documentation indicating groundwater impacts, it is unlikely that the Property was impacted by this NPL site. Therefore, the South Bay Asbestos Area is not considered a REC with respect to the Property.

# 6. Property Reconnaissance

The objective of the reconnaissance was to check for visual evidence of past or present use or storage of hazardous materials that could potentially affect the soil, soil vapor, or groundwater quality at the Property. Photographs taken during the reconnaissance are included in Appendix I and described below.

Roux conducted a reconnaissance of the Property on January 22, 2019. All portions of the Property were accessible during the reconnaissance. The Property building is currently occupied by DuraBrake and PSC. DuraBrake is associated with the addresses 2311 and 2315 Calle Del Mundo (Appendix I; Photographs 1 through 2). PSC is associated with the addresses 2307 and 2319 Calle Del Mundo (Appendix I; Photographs 3 through 4). The remainder of the Property consists of asphalt-paved parking spots and landscaping (Appendix I; Photographs 5 through 6).

DuraBrake occupies approximately 25% of the one-story, light industrial building located on the Property. Their facility compromises of office and warehouse space. In DuraBrake's office, no observations were made that may indicate a potential environmental concern to the Property (Appendix I; Photographs 7 through 8). The warehouse space was used for the storage of brake drums, rotors, and similar parts (no manufacturing). In this space, small amounts of cleaning supplies and paints were observed (Appendix I; Photographs 9 through 12). Additionally, two propane tanks (approximately 10-gallons) were observed in the warehouse and are used to power the front-end loader (Appendix I; Photograph 13). No cracks in the floor or drains were observed at the addresses associated with DuraBrake.

PSC occupies approximately 75% of the one-story, light industrial building located on the Property. Their facilities compromise of office, warehouse, and assembly space. In PSC's office, no observations were made that may indicate a potential environmental concern to the Property (Appendix I; Photographs 14 through 16). However, the storage of spent fluorescent ballasts in the office is an environmental business risk, since the universal waste is not consolidated in one location (Appendix I; Photograph 17). In the warehouse space, various dry supplies were stored for the assembly of custom cables (Appendix I; Photographs 18 through 19). The warehouse also included an electrical powered fork lift and associated charging station (Appendix I; Photographs 20 through 21). In the assembly room, various workbenches were present. These workbenches included cable soldering activities, which require soldering flux (approximately 10-gallons) and ventilation systems (Appendix I; Photographs 22 through 23). In the assembly area was access to a second-floor loft, which was used primarily for storage of paper documents (Appendix I; Photograph 24). Various roll-ups doors provide loading and unloading access from the exterior of the building to the interior warehouse and assembly areas (Appendix I; Photograph 6). No cracks in the floor or drains were observed at the addresses associated with PSC.

Within the exterior portions of the Property, an unlabeled 55-gallon drum was observed towards the back of the Property and close to the western Property boundary (Appendix I; Photograph 25). Along the northern Property boundary are overhead powerlines (Appendix I; Photograph 26). Immediately north of the Property is an underground transmission line operated by Silicon Valley Power (Appendix I; Photograph 27). Additionally, several borings from the Property's previous environmental investigations were observed through the exterior portions of the Property. The Property's electrical room was located on the northern portion of the building. Access to the roof is available from this room.

Based on Roux's observations, the current operations conducted at the Property are not considered a REC. However, the presence of the unlabeled 55-gallon drum with unknown contents/generator is considered *di minimis*.

In addition to the Property, Roux also observed buildings adjacent to and surrounding the Property. It was determined that these buildings are primarily used for light industrial and commercial purposes. The number of industrial and commercial facilities within the vicinity of the Property is considered *de minimis*.

## 6.1. Utilities

Electricity is provided by Silicon Valley Power and gas is provided by PG&E.

## 6.2. Hazardous Substances

Only minimal hazardous substances were observed at the Property. This includes the propane tanks used to power DuraBrake's front-end loader and the solvents used in PSC's cable assembly process (Appendix I; Photograph 13; Photograph 22).

## 6.3. Polychlorinated Biphenyls

Pole-mounted transformers were present on power lines that run east to west at the southern end of the Property during Property reconnaissance (Appendix I; Photograph 26). It is unknown if the transformers contain PCBs.

## 6.4. Staining and Stressed Vegetation

No stressed vegetation was observed during Property reconnaissance.

## 6.5. Drains and Sumps

No floor drains or sumps were observed at the Property. However, a historical sump was located inside the eastern-portion of the building, associated with the address 2307 Calle Del Mundo. It was used to collect electroplating rinsewater from G&K's operational activities. The sump was removed in 1990 with oversight from the Santa Clara County Fire Department. Evidence from the sump removal/excavation were not observed during the reconnaissance.

## 6.6. Solid Waste

Republic Services currently collects solid waste from the Property. According to the Property owner, no other companies are used to collect solid waste from the Property.

## 6.7. Wastewater

No wastewater processes were observed during Property reconnaissance.

## 6.8. Wells

No current wells were observed at the Property. However, from 1989 through 1998, three groundwater monitoring wells were Present on the Property. These wells were located along the eastern-portion of the Property.

## 6.9. Out of Scope Services

No out of scope services were provided.

# 7. Interviews and User-Provided Information

Roux incorporated the completed questionnaires provided by the User of the Property. Roux provided the questionnaire to Ms. Jewelle Kennedy, the User of the Property, on January 14, 2019. The completed Questionnaire is provided in Appendix D, summarized below.

- No environmental cleanup liens exist in connection with the Property;
- No activity and land use limitations are in place at the Property;
- No specialized, personal knowledge or experience is related to the Property or nearby properties;
- The purchase price of the Property fairly reflects the fair market value of the Property;
- No commonly known or reasonably ascertainable information is known about the Property; and
- No knowledge of obvious indicators suggests the presence of contamination at the Property.

This information is in agreement with the findings documented in other components of the Phase I ESA.

# 8. Concurrent Phase II Investigation

Roux conducted a concurrent limited Phase II investigation with this Phase I report in order to investigate potential RECs identified for the Property during this Phase I assessment. On February 8, 2019, Roux conducted a sub-slab vapor investigation to evaluate the potential risk of vapor intrusion.

Field Activities

Roux installed two temporary sub-slab vapor pins (RSS-1 and RSS-2) to assess the potential for soil vapor impacts at the Property. The data results were compared to both the residential and commercial ESLs as a conservative measure for the future mixed-use commercial/residential development.

Sub-Slab investigation Results

Several petroleum-related VOCs were detected in RSS-1 and RSS-2 below residential ESLs, including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 4-ethyltoluene, acetone, carbon disulphide, cyclohexane, dichlorodifluoromethane, ethylbenzene, heptane, hexane, isopropyl alcohol, m and p-xylene, o-xylene, toluene, trans-1,2-dichloroethene, and xylenes (total). No chlorinated VOCs associated with the neighboring property were detected above laboratory reporting limits. Of the detected concentrations, benzene, chloroform, and methylene chloride were detected above the residential and commercial ESLs at RSS-2.

No concentrations of the tracer gas, helium, was detected in either sample.

Conclusions

The sub-slab vapor sampling results were compared to Residential and Commercial/Industrial ESLs (Tables 1 in Appendix J).

- No chlorinated VOCs associated with the nearby groundwater plume were detected above laboratory reporting limits.
- Of the VOC concentrations that were detected above Residential ESLs in soil vapor samples collected from RSS-2, only benzene was previously detected at the Property during the Langan 2014 Phase II investigation. Based on the benzene concentration of the Langan SS-6 sub-slab vapor sample at 110 µg/m$^3$, and the benzene concentration at RSS-2 during this investigation at 24.8 µg/m$^3$, it appears that the benzene source could have originated from the Site.
- Of the detected concentrations, benzene, chloroform, and methylene chloride at RSS-2 were detected above the residential and commercial ESLs.

# 9. Summary and Conclusions

Roux performed a Phase I ESA (Figures 1 and 2) on behalf of the User for the prospective purchase of the Property. The Property occupies approximately 44,000 square feet (1.01 acres) of commercial/industrial land corresponding to Santa Clara County APN 097-050-61. It is Roux's understanding that the Property plans to be redeveloped into a mixed-use commercial and residential space, with a possible subsurface parking garage.

The Property is a rectangular-shaped polygon with a single-story, 18,600 square-foot commercial building, which includes office and warehouse space. The current tenants at the Property include DuraBrake and PSC. DuraBrake is the current Property Owner and a distributor of large (truck/bus) brake drums, rotors, and similar parts. PSC is a stocking distributor of magnetic, interconnect, electromechanical, and passive components. The remainder of the Property comprises parking lots and planters.

This Phase I ESA was performed to identify RECs and CRECs/HRECs at the Property, indicating past, current, or material threats of the release of hazardous materials or petroleum hydrocarbons to the Property's soil, soil vapor, groundwater, or surface water. The Phase I ESA was conducted by investigating past Property uses, reviewing the results of a search of environmental databases, reviewing records at relevant government agencies, reviewing documents provided by the User/historical documents, and performing a reconnaissance of the Property.

The Property and surrounding area were generally undeveloped and used for agricultural purposes from approximately the late 1930s to the late 1970s. The present-day one-story building on the Property was constructed between 1973 and 1977. Based on the records reviewed, various industrial and commercial tenants operated on the Property from 1977 until present-day. However, most of these tenants did not pose an environmental concern to the Property since no leaks or spills were documented and/or operational activities did not indicate significant chemical use. Out of occupants listed above, the only tenants with potential environmental concerns to the Property were Leat Co., Permian Builders, and G&K.

Leat Co. generated 250 pounds of photochemical/photo processing waste in 1996 and 1997, and 250 pounds of unspecified liquid waste mixture in 1998. Additionally, this tenant reportedly "handled" silver solution waste in 1998. However, based on the records reviewed, no violations or releases were documented for Leat Co.

Permian Builders was a construction company that generated 0.41 tons of unspecified liquid organic mixture waste in 2000. The waste was disposed of at a transfer station. Based on the documents reviewed, no other additional information was available. However, since no violations or releases were documented for the facility.

G&K was a metal finishing facility that reportedly used heavy metals, lubricating oils, Oakite cleaner (containing dipentene), acids, and caustics. In October 1977, a clarifier was installed on the Property to store electroplating rinsewater from G&K's operations. The clarifier was removed from the Property in 1990 with oversight from the Santa Clara County Fire Department.

In the vicinity of the Property, the surrounding facilities were historically used and/or are currently used for industrial purposes including the manufacture of computer, electronic, microwave, heating, and medical equipment as well as waste disposal. These facilities have been in operation since the late 1970s and have documented use of hazardous materials. Additionally, a number of facilities within the vicinity of the Property have documented VOC-impacted groundwater.

Based on the documents reviewed, the following environmental concerns were identified to have impacted the Property.

The Phase I ESA identified the following RECs associated with the Property:

- G&K operated at the Property from approximately 1977-1991. During their years of operation, they used a sump to collect electroplating rinsewater from their operational activities. In 1990, the sump was removed with oversight from the Santa Clara County Fire Department. However, during the excavation activities, soil impacted with hexavalent chromium above the current Residential cancer-risk ESL of 0.30 mg/kg was left in place. Additionally, other investigations at the Property detected lead and thallium in soil above their current Residential ESLs. Langan Treadwell Rollo (Langan) conducted a soil and groundwater investigation at the Site in September 2014 which further evaluated the extent of the metals release. The Site investigations identified that contamination appears to be limited to below the sewer line, but the full extent of metal-impacted soil in the subsurface at the Site is unknown. the presence of metal-impacted soil in the subsurface at the Site is considered a REC..

- Langan's September 2014 included soil vapor sampling.. While the VOC results for the soil and groundwater were less than environmental screening levels, the sub-slab vapor had one concentration of benzene at 110 ug/m3, which exceed the environmental screening levels for residential and commercial use. Roux collected additional sub-slab soil gas samples in February 2019 (Appendix J). VOC concentrations were detected above the following ESLs in soil vapor samples collected from RSS-2; chloroform, and methylene chloride were detected above the residential ESL and benzene was detected above the residential and commercial ESLs. Based on the benzene analysis conducted in soil vapor and in soil and groundwater in this and past investigations, it appears that the benzene source could have originated from the Site. The VOCs detected in soil vapor present at the Property is considered a REC.

The Phase I ESA identified the following HREC associated with the Property:

- G&K operated at the Property from approximately 1977-1991. In 1989, three groundwater monitoring wells were installed on the Property. Groundwater samples from these wells detected concentrations of metals above their respective MCLs. However, after the sump was removed in 1990, the concentrations of metals observed in groundwater slowly decreased. In 1998, the RWQCB granted NFA at the Property, since the concentrations of metals detected in groundwater were all below their respective MCLs.

The Phase I ESA identified the following *de minimis* conditions associated with the Property:

- A review of historical aerial photographs indicated that the Property was used for agricultural purposes on and off from at least 1939 until the current buildings were developed sometime

between 1973 and 1977. There is no evidence that the Property was ever used for orchards but appears to have been plowed and used for row crops. Soil testing at sites with past agricultural uses in the vicinity of the Property identified the presence of residual pesticide concentrations in soil. In 2015, soil samples were collected from two locations on the Property and analyzed for OCPs and chlorinated herbicides. The concentrations of OCPs and chlorinated herbicides were all below their respective laboratory reporting limits. The samples were collected from 2.5 feet bgs and 5 feet bgs, and historic pesticides, if present would likely be shallower than 2.5 feet bgs, so this data does not eliminate the potential presence of pesticides. However, sampling conducted at nearby sites with the same agricultural history have not found significant quantities of chlorinated pesticides, so we do not consider it likely that there are significant residual pesticides at the Site from historical uses.

- The surrounding facilities were historically used and/or are currently used for industrial purposes including the manufacture of computer, electronic, microwave, heating, and medical equipment as well as waste disposal. The number of industrial and commercial facilities within the vicinity of the Property is considered *de minimis* with respect to the Property.

- Former occupants at the Property, including Leat Co. and Permian Builders, both have documented use and disposal of hazardous materials, but no documented releases. This historical use of hazardous materials is considered *de minimis* with respect to the Property.

- During the reconnaissance, an unlabeled 55-gallon drum was observed in the north-western corner of the Property. The contents of this drum and the generator are unknown, but there were no signs of a release from the drum. The drum should be properly disposed of, and its presence is considered *de minimis* with respect to the Property

The Phase I ESA identified the following data gaps:

- Paragon Electronic Systems, Inc (Paragon) is located approximately 600 feet upgradient from the Property. According to Envirostor, the facility received an NFA letter in 1997. However, due to Paragon's distance from the Property, the lack of information on Envirostor other than the NFA letter, this issue is considered a minor data gap that should not impact the conclusions in this report.

Roux completed a limited Phase II investigation in February 2019 to further evaluate the benzene in soil vapor, and to evaluate the potential that off-site chlorinated solvents vapor migration on to Parcel 61 from the adjacent Watts Machining Inc. (Watts) property located adjacent to the west of the Site. In November 2018, groundwater samples collected from a well (G-2R), located approximately 70 feet west of the Site in the north-eastern corner of the Watts property. The well contained concentrations of trichloroethene (TCE) and vinyl chloride (VC). which exceed their Residential ESLs for a vapor intrusion health risk. No chlorinated VOCs associated with the neighboring property were detected above laboratory reporting limits in Roux's investigation. Of the detected concentrations, benzene, chloroform, and methylene chloride at RSS-2 were detected above the residential and commercial ESLs

Based on the VOC concentrations identified in the Langan Phase II Investigation and the recent Roux Phase II Investigation, there is a potential for human health risk that will require vapor mitigation for future occupants and could also result in additional investigations requested by the local regulatory agency. Consequently, the presence of benzene, chloroform, and methylene chloride in soil vapor present at the Site, which does not appear to be from an offsite source, is considered a REC.

# 10. Report Assumptions and Limitations

The Phase I ESA described herein was conducted by Roux in accordance with ASTM Standard Practice E1527 13, which is consistent with the regulatory requirements for conducting all appropriate inquiries (40 CFR Part 312, Standards and Practices for All Appropriate Inquiries; Final Rule[50]). The preamble for the AAI Rule refers to ASTM E1527 05 and states:

> *In today's final rule, EPA is referencing the standards and practices developed by ASTM International and known as Standard E1527 05 (entitled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process") and recognizing the E1527 05 standard as consistent with today's final rule. The Agency determined that this voluntary consensus standard is consistent with today's final rule and is compliant with the statutory criteria for all appropriate inquiries. Persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527 05 standard to comply with today's final rule.*[51]

This AAI Rule was subsequently amended in 2013, as indicated in the following "Background":

> *With today's action, EPA is establishing that parties seeking liability relief under CERCLA's landowner liability protections, as well as recipients of brownfields grants for conducting site assessments, will be considered to have met the standards and practices for all appropriate inquiries, as set forth in the Brownfields Amendments to CERCLA and 40 CFR Part 312, if such parties follow the procedures provided in the ASTM E1527 13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." EPA made this determination based upon the Agency's finding that the ASTM E1527 13 standard is compliant with the All Appropriate Inquiries Rule. Therefore, parties conducting all appropriate inquiries may use the procedures in the newly issued ASTM E1527 13 standard when conducting all appropriate inquiries.*[52]

It is Roux's understanding that this Phase I ESA was requested by User so that User may qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on liability under CERCLA. One of the requirements that a person acquiring real property must meet in order to qualify for one of these limitations on liability under CERCLA is to perform all appropriate inquiries in conformance with the AAI Rule (or the ASTM Standard Practice E1527 13) prior to acquisition of the property. User has acknowledged that, under the AAI Rule, Roux's performance of the Phase I ESA described herein will not alone result in User satisfying all of the requirements of the AAI Rule and provide a defense to CERCLA liability. Further, User has acknowledged that the AAI Rule requires that certain additional inquiries be undertaken to satisfy the CERCLA AAI requirements. **ACCORDINGLY, ROUX MAKES NO GUARANTEES OR WARRANTIES, EXPRESSED OR IMPLIED, REGARDING THIS PHASE I ESA, INCLUDING WITHOUT LIMITATION, ANY WARRANTY THAT THIS PHASE I ESA WILL IN FACT QUALIFY USER FOR A DEFENSE TO CERCLA LIABILITY.**

Roux has performed this Phase I ESA in a professional manner using that degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. Professional judgments expressed herein are based on the facts currently available to Roux.

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[50] Final Rule and information available at www.epa.gov/swerosps/bf/regneg.htm#final_rule, and https://federalregister.gov/a/2013-31112

[51] Federal Register: November 1, 2005 (Volume 70, Number 210), page 66081.

[52] Federal Register: December 30, 2013 (Volume 78, Number 250).

The AAI Rule requires, and the conclusions stated herein represent the application of a variety of engineering and technical disciplines to material facts and conditions associated with the Property. As such, these conclusions are based on subjective interpretations and the exercise of discretion. Many of these facts and conditions are subject to change over time. Accordingly, the conclusions must be considered within this context.

User has agreed that Roux shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the Phase I ESA was performed. To the extent practicable, Roux has identified data gaps, and has evaluated the potential significance of such data gaps.

This Phase I ESA Report should not be considered a legal interpretation of existing environmental laws and regulations. The Phase I ESA was conducted with a reasonable degree of inquiry to identify RECs, but uncertainty is not eliminated. No Phase I ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. The Phase I ESA process is intended to reduce, but not eliminate, the uncertainty involved with identifying RECs.

This Phase I ESA Report is not an appraisal or value judgment of the Property. User has agreed that Roux shall not be liable for any use of the Phase I ESA Report as an appraisal or value judgment of the Property.

The Phase I ESA Report has been prepared for the exclusive use of User for specific application to the Property. User has agreed that any third-party use of this Phase I ESA Report is User's sole responsibility and sole liability.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312; and

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

Respectfully submitted,

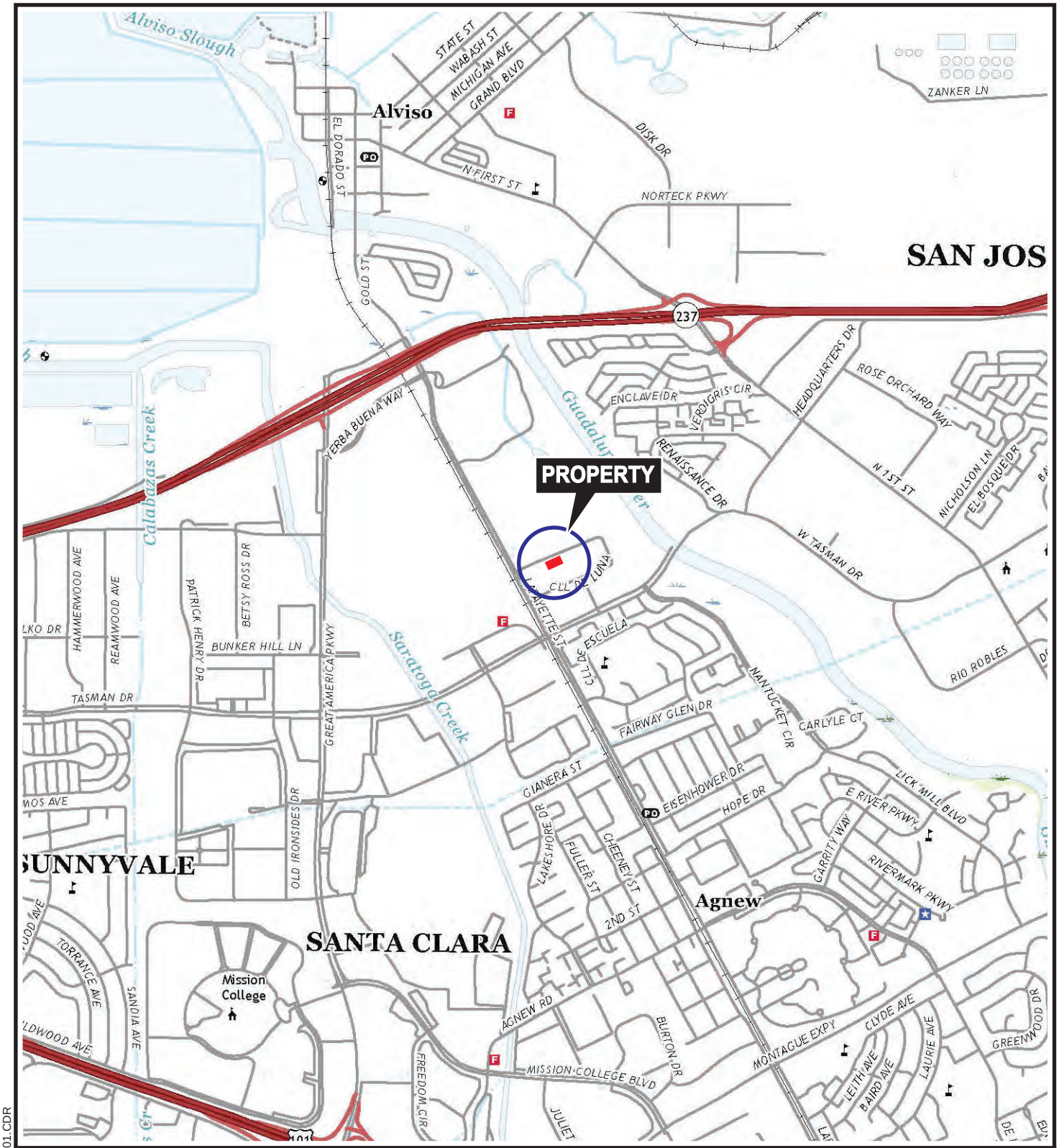
**ROUX ASSOCIATES, INC.**

Christine Pilachowski
Project Scientist

David Dixon
Principal Geologist

# FIGURES

1. Site Location Map
2. Site Plan




QUADRANGLE LOCATION

N

0 2000'

SOURCE:
USGS; 2018, Milpitas, CA
7.5 Minute Topographic Quadrangle

Title:

# PROPERTY LOCATION MAP

2303, 2307, 2311, 2315 and 2319 CALLE DEL MUNDO,
SANTA CLARA, CALIFORNIA

Prepared for:

ENSEMBLE INVESTMENTS

ROUX

| | | |
|---|---|---|
| Compiled by: G.M. | Date: 08FEB19 | FIGURE |
| Prepared by: G.M. | Scale: AS SHOWN | 1 |
| Project Mgr: G.M. | Project: 2760.0003S000 | |
| File: 2760.0003S100.01.CDR | | |

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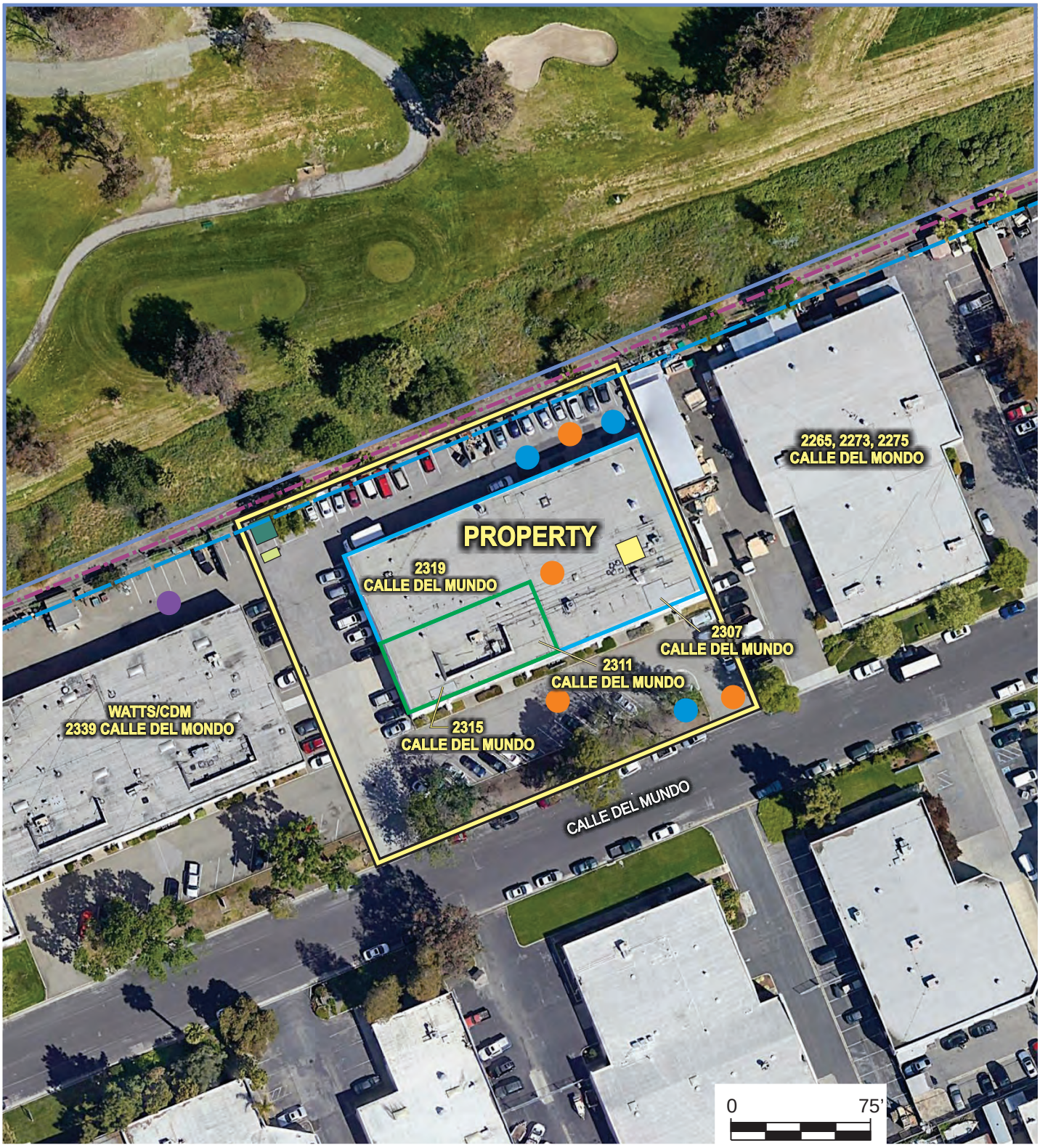


LEGEND

- PROPERTY BOUNDARY
- PSC ELECTRONICS
- DURABLAKE
- ALL PURPOSE LANDFILL
- OVERHEAD POWER LINES
- SILICON VALLEY POWER UNDERGROUND TRANSMISSION LINE
- UNLABELED 55-GALLON DRUM
- POLE MOUNTED TRANSFORMER
- APPROXIMATE LOCATION OF FORMER UNDERGROUND CLARIFIER (2,050 CUBIC FEET)
- LANGAN TREADWELL ROLLO 2014 ENVIRONMENTAL BORINGS
- ADVANCED SOIL TECHNOLOGY, INC. 1989 GROUNDWATER MONITORING WELLS
- GROUNDWATER WELL G-2R (ALL PURPOSE LANDFILL)

N

Title:

# PROPERTY PLAN

2303, 2307, 2311, 2315 and 2319 CALLE DEL MUNDO,
SANTA CLARA, CALIFORNIA

Prepared for:

ENSEMBLE INVESTMENTS

ROUX

| | | |
|---|---|---|
| Compiled by: G.M. | Date: 08DEB19 | FIGURE |
| Prepared by: G.M. | Scale: AS SHOWN | 2 |
| Project Mgr: G.M. | Project: 2760.0003S000 | |
| File: 2760.0003S100.01.CDR | | |

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# APPENDICES

A. EDR Radius Map with GeoCheck
B. Freedom of Information Act/Public Records Inquiries and Responses
C. Questionnaire
D. Historical Aerial Photographs
E. U.S. Geological Survey Historical Topographic Maps
F. Certified Sanborn Map Report
G. City Directory Abstract
H. User Provided Environmental Investigations Documents (digitally provided upon request)
I. Site Photographs
J. Phase II Subsurface Investigation

# APPENDIX A

EDR Radius Map with GeoCheck

**Parcel 61**
2303 Calle Del Mundo
Santa Clara, CA 95054

Inquiry Number: 5536582.2s
January 16, 2019

# The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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| Map Findings Summary | 4 |
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| Government Records Searched/Data Currency Tracking | GR-1 |

## GEOCHECK ADDENDUM

| | |
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| Physical Setting Source Summary | A-2 |
| Physical Setting Source Map | A-7 |
| Physical Setting Source Map Findings | A-8 |
| Physical Setting Source Records Searched | PSGR-1 |


***Thank you for your business.***
Please contact EDR at 1-800-352-0050
with any questions or comments.


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# EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

**TARGET PROPERTY INFORMATION**

**ADDRESS**

2303 CALLE DEL MUNDO
SANTA CLARA, CA 95054

**COORDINATES**

| | |
|---|---|
| Latitude (North): | 37.4101720 - 37˚ 24' 36.61'' |
| Longitude (West): | 121.9658070 - 121˚ 57' 56.90'' |
| Universal Tranverse Mercator: | Zone 10 |
| UTM X (Meters): | 591525.4 |
| UTM Y (Meters): | 4140673.2 |
| Elevation: | 10 ft. above sea level |

**USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

| | |
|---|---|
| Target Property Map: | 5640070 MILPITAS, CA |
| Version Date: | 2012 |

**AERIAL PHOTOGRAPHY IN THIS REPORT**

| | |
|---|---|
| Portions of Photo from: | 20140606 |
| Source: | USDA |

## MAPPED SITES SUMMARY

Target Property Address:
2303 CALLE DEL MUNDO
SANTA CLARA, CA 95054

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| A1 | LEAT COMPANY PRINTIN | 2307 CALLE DEL MUNDO | CA CUPA Listings, CA EMI | | TP |
| A2 | G & K METAL FINISHIN | 2307 CALLE DEL MUNDO | RCRA-SQG, FINDS, ECHO | | TP |
| A3 | LEATCO INC DBA LEAT | 2307 CALLE DEL MUNDO | CA HAZNET | | TP |
| A4 | LEAT CO PRINTING & G | 2307 CALLE DEL MUNDO | NY MANIFEST | | TP |
| A5 | PERMIAN BUILDERS | 2303 CALLE DEL MUNDO | CA HAZNET | | TP |
| Reg | SOUTH BAY ASBESTOS A | FT OF LIBERTY ST GUA | NPL, SEMS, US ENG CONTROLS, US INST CONTROL, CA... | Same | 3357, 0.636, NNW |
| A6 | WAY OF THE WORLD | 2302 CALLE DEL MUNDO | CA CUPA Listings | Higher | 64, 0.012, SSE |
| A7 | CENTERLINE PRECISION | 2265 CALLE DEL MUNDO | CA CERS HAZ WASTE, CA CERS | Lower | 116, 0.022, East |
| B8 | NU METAL FINISHING I | 2262 CALLE DEL MUNDO | PA MANIFEST | Lower | 166, 0.031, ESE |
| B9 | EPZ INC | 2262 CALLE DEL MUNDO | RCRA-LQG | Lower | 166, 0.031, ESE |
| B10 | EPZ, INC. | 2262 CALLE DEL MUNDO | CA CERS HAZ WASTE, CA CERS | Lower | 166, 0.031, ESE |
| B11 | NU-METAL FINISHING | 2262 CALLE DEL MUNDO | CA ENVIROSTOR, CA CHMIRS, CA EMI, CA HIST CORTESE,.. | Lower | 166, 0.031, ESE |
| B12 | NU-METAL FINISHING I | 2262 CALLE DEL MUNDO | CA CUPA Listings, CA HAZNET | Lower | 166, 0.031, ESE |
| C13 | LP GLASSBLOWING, INC | 2330 CALLE DEL MUNDO | CA CERS HAZ WASTE, CA CERS | Higher | 166, 0.031, SSW |
| B14 | CLARK PRECISION SHEE | 2275 CALLE DEL MUNDO | CA CERS HAZ WASTE, CA CERS | Lower | 169, 0.032, East |
| B15 | CLARK PRECISION SHEE | 2275 CALLE DEL MUNDO | RCRA-SQG, FINDS, ECHO | Lower | 169, 0.032, East |
| C16 | WATTS MACHINING INC. | 2339 CALLE DEL MUNDO | CA CERS HAZ WASTE, CA CERS | Higher | 281, 0.053, SW |
| C17 | WATTS MACHINING, INC | 2339 CALLE DEL MUNDO | CA CPS-SLIC, CA HAZNET, CA CERS | Higher | 281, 0.053, SW |
| C18 | W&K AUTOMOTIVE | 2338 CALLE DEL MUNDO | CA CUPA Listings | Higher | 284, 0.054, SSW |
| C19 | ALZETA CORPORATION | 2343 CALLE DEL MUNDO | RCRA-SQG, CA CERS HAZ WASTE, FINDS, ECHO, CA EMI,... | Higher | 316, 0.060, WSW |
| B20 | MOS TOOL & ENGINEERI | 2233 CALLE DEL MUNDO | RCRA-SQG, FINDS, ECHO, CA HAZNET | Lower | 331, 0.063, ENE |
| B21 | SCREEN MANUFACTURING | 2246 CLLE DEL MUNDO | RCRA-SQG, FINDS, ECHO, CA HAZNET | Lower | 336, 0.064, East |
| D22 | RICHARD AND DONNA WI | 2301 CALLE DE LUNA | RCRA-SQG, CA CPS-SLIC, CA DEED, FINDS, ECHO, CA... | Higher | 338, 0.064, South |
| D23 | D&H MANUFACTURING CO | 2301 2309 CALLE DE L | CA Cortese, CA HAZNET | Higher | 338, 0.064, South |
| B24 | GYREX CORPORATION | 2234 CALLE DEL MUNDO | RCRA NonGen / NLR, FINDS, ECHO | Lower | 349, 0.066, East |
| B25 | ITALIX COMPANY, INCO | 2232 CALLE DEL MUNDO | RCRA-LQG, FINDS, ECHO, CA HAZNET | Lower | 349, 0.066, East |
| B26 | ITALIX CO INC | 2232 CALLE DEL MUNDO | CA CERS HAZ WASTE, CA CUPA Listings, CA CERS | Lower | 349, 0.066, East |
| B27 | CRAFTMASTER MACHINIS | 2242 CALLE DEL MUNDO | CA CERS HAZ WASTE, CA CERS | Lower | 349, 0.066, East |
| B28 | ITALIX COMPANY, INCO | 2232 CALLE DEL MUNDO | CA ENVIROSTOR, CA EMI, CA NPDES, CA WDS, CA CIWQS | Lower | 349, 0.066, East |
| B29 | BEAM ON TECHNOLOGY C | 2244 CALLE DEL MUNDO | CA CUPA Listings | Lower | 349, 0.066, East |
| C30 | CIRTEX INC | 2309 CALLE DE LUNA | CA HIST UST | Higher | 367, 0.070, South |
| C31 | CIRTEX INC | 2346 CALLE DEL MUNDO | RCRA-SQG, FINDS, ECHO, CA EMI | Higher | 376, 0.071, SW |
| D32 | INTA TECHNOLOGIES CO | 2281 CALLE DE LUNA | PA MANIFEST | Higher | 398, 0.075, SSE |
| D33 | INTA TECHNOLOGIES | 2281 CALLE DE LUNA | CA CERS HAZ WASTE, CA CERS | Higher | 398, 0.075, SSE |
| D34 | INTERNATIONAL TECHNI | 2281 CALLE DE LUNA | CA CUPA Listings | Higher | 398, 0.075, SSE |
| D35 | INTA TECHNOLOGIES | 2281 CALLE DE LUNA | RCRA-LQG | Higher | 398, 0.075, SSE |
| E36 | DOUBLE PRECISION MFG | 2271 CALLE DE LUNA | RCRA-SQG, FINDS, ECHO | Higher | 412, 0.078, SE |
| F37 | SUN CIRCUITS INC | 2354 CALLE DEL MUNDO | CA CUPA Listings | Higher | 459, 0.087, SW |
| D38 | AMALAR INC | 2317 CALLE DE LUNA | RCRA-SQG, FINDS, ECHO | Higher | 470, 0.089, SSW |

MAPPED SITES SUMMARY

Target Property Address:
2303 CALLE DEL MUNDO
SANTA CLARA, CA 95054

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| G39 | L P GLASSBLOWING INC | 2325 CALLE DE LUNA | CA CERS HAZ WASTE, CA CERS | Higher | 488, 0.092, SSW |
| E40 | SHIBAURA TECH INT | 2221 CALLE DE LUNA | RCRA-SQG, FINDS, ECHO | Lower | 521, 0.099, ESE |
| E41 | SHIBAURA TECHNOLOGY | 2221 CALLE DE LUNA | CA CUPA Listings | Lower | 521, 0.099, ESE |
| H42 | BILL DORAN CO. | 2200 CALLE DE LUNA | CA LUST, CA HIST LUST, CA HIST CORTESE | Lower | 536, 0.102, East |
| H43 | BILL DORAN CO. | 2200 CALLE DE LUNA | CA LUST, CA HIST UST, CA CERS | Lower | 536, 0.102, East |
| E44 | ALTATRON INC | 2264 CALLE DE LUNA | RCRA-SQG, FINDS, ECHO, CA HAZNET | Higher | 564, 0.107, SE |
| E45 | COATEK INC | 2272 CALLE DE LUNA | RCRA-LQG | Higher | 564, 0.107, SE |
| E46 | COATEK INC. | 2272 CALLE DE LUNA | RCRA-LQG | Higher | 564, 0.107, SE |
| E47 | COATEK INC | 2272 CALLE DE LUNA | CA ENVIROSTOR, CA CUPA Listings, CA EMI, CA NPDES,... | Higher | 564, 0.107, SE |
| F48 | SUN CIRCUITS, INC. | 5191 LAFAYETTE STREE | RCRA-SQG | Higher | 583, 0.110, SW |
| F49 | SUN CIRCUITS INC | 5191 LAFAYETTE ST. | RCRA-LQG, CA ENVIROSTOR, FINDS, ECHO, CA WDS | Higher | 583, 0.110, SW |
| F50 | SUN CIRCUITS INC | 5191 LAFAYETTE AV | CA CUPA Listings | Higher | 583, 0.110, SW |
| E51 | CODY ELECTRONICS INC | 5128 CALLE DEL SOL | CA CUPA Listings, CA HAZNET | Higher | 587, 0.111, SSE |
| E52 | SUN CIRCUITS INC | 5124 CALLE DEL SOL | MN MANIFEST | Higher | 594, 0.112, SSE |
| E53 | SUN CIRCUITS INC | 5124 CALLE DEL SOL | RCRA-SQG, FINDS, ECHO, CA CUPA Listings, CA HAZNET | Higher | 594, 0.112, SSE |
| H54 | AIR FLIGHT SERVICE | 2220 CALLE DE LUNA | CA CERS HAZ WASTE, CA CUPA Listings, CA CERS | Lower | 598, 0.113, East |
| H55 | SOUTH BAY TRUCK & EQ | 2222 CALLE DE LUNA | RCRA-SQG, FINDS, ECHO | Lower | 598, 0.113, East |
| F56 | GUIDED DELIVERY SYST | 2355 CALLE DE LUNA | RCRA-SQG, CA HAZNET | Higher | 608, 0.115, SSW |
| 57 | TASMAN EAST PARCEL 5 | 2220 & 2222 CALLE DE | CA CPS-SLIC, CA CERS | Lower | 624, 0.118, ESE |
| E58 | 2278 CALLE DE LUNA | 2278 CALLE DE LUNA | CA CPS-SLIC, CA CERS | Higher | 634, 0.120, SE |
| I59 | GATEWAY PRECISION IN | 2300 CALLE DE LUNA | CA CERS HAZ WASTE, CA CERS | Higher | 640, 0.121, South |
| G60 | PARAGON ELECTRONIC S | 2318 CALLE DE LUNA | CA CUPA Listings, CA EMI, CA CIWQS | Higher | 727, 0.138, SSW |
| G61 | PARAGON ELECTRONIC S | 2318 CALLE DE LUNA | CA ENVIROSTOR | Higher | 727, 0.138, SSW |
| G62 | BEAM ON TECHNOLOGY C | 2318 CALLE DE LUNA | CA CERS HAZ WASTE, CA CERS | Higher | 727, 0.138, SSW |
| G63 | SUN CIRCUITS INC | 2318 CALLE DE LUNA | RCRA-LQG, FINDS | Higher | 727, 0.138, SSW |
| G64 | PARAGON | 2318 CALLE DE LUNA | CA HIST UST | Higher | 727, 0.138, SSW |
| G65 | NMN INC | 2318 CALLE DE LUNA | MN MANIFEST | Higher | 727, 0.138, SSW |
| G66 | CALIFORNIA MACHINING | 5181 LAFAYETTE ST | CA CUPA Listings | Higher | 735, 0.139, SSW |
| J67 | NU-METAL FINISHING I | 5171 LAFAYETTE STREE | RCRA NonGen / NLR, FINDS, ECHO | Higher | 773, 0.146, SSW |
| J68 | INTERNATIONAL SPRAY | 5171 LAFAYETTE ST | CA CUPA Listings, CA HAZNET | Higher | 773, 0.146, SSW |
| K69 | FLEXTRONICS PHOTONIC | 5102 CALLE DEL SOL | RCRA NonGen / NLR, FINDS, ECHO | Higher | 828, 0.157, SSE |
| K70 | SIVA POWER | 5102 CALLE DEL SOL | CA CERS HAZ WASTE, CA CERS | Higher | 828, 0.157, SSE |
| K71 | WESTERN DIGITAL | 5102 CALLE DEL SOL | CA ENVIROSTOR | Higher | 828, 0.157, SSE |
| I72 | SERVER FARM REALTY | 5101 LAFAYETTE ST | CA AST | Higher | 884, 0.167, South |
| I73 | MICRO LITHOGRAPHY IN | 5101 LAFAYETTE ST | RCRA-SQG, CA EMI, CA HAZNET | Higher | 884, 0.167, South |
| I74 | SERVER FARM REALTY | 5101 LAFAYETTE ST | CA CERS TANKS, CA CERS | Higher | 884, 0.167, South |
| I75 | WESTERN DIGITAL CORP | 5101 LAFAYETTE ST | CA CUPA Listings | Higher | 884, 0.167, South |
| 76 | ALL PURPOSE LANDIFLL | 5401 LAFAYETTE | CA ENVIROSTOR, CA CHMIRS, CA HIST CORTESE | Lower | 1136, 0.215, WNW |
| 77 | AKASHIC MEMORIES COR | 305 W TASMAN | CA ENVIROSTOR, CA CHMIRS, CA EMI | Lower | 2298, 0.435, ENE |

## MAPPED SITES SUMMARY

Target Property Address:
2303 CALLE DEL MUNDO
SANTA CLARA, CA 95054

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| 78 | SANTA CLARA GATEWAY | GREAT AMERICA WAY & | CA ENVIROSTOR, CA VCP, CA DEED | Lower | 2473, 0.468, NW |
| 79 | 71 VISTA MONTANA | 71 VISTA MONTANA | CA ENVIROSTOR, CA VCP, CA WDS | Lower | 2965, 0.562, ENE |
| 80 | GIANERA 2 - HABITAT | 2261 - 2285 GIANERA | CA ENVIROSTOR, CA VCP | Higher | 3138, 0.594, South |
| 81 | HOGAN DRIVE PROPERTY | HOGAN DRIVE AND LAFA | CA ENVIROSTOR, CA VCP | Higher | 3262, 0.618, SSE |
| 82 | CISCO SYSTEMS SITE 6 | NORTH FIRST STREET A | CA ENVIROSTOR, CA VCP, CA DEED | Higher | 3637, 0.689, North |
| 83 | VISTA MONTANA PARK | 4145 N. 1ST STREET | CA ENVIROSTOR, CA VCP, CA DEED, CA SAN JOSE HAZMAT | Higher | 3657, 0.693, ENE |
| 84 | NOVELLUS SYSTEMS, IN | 4000 N. FIRST STREET | CA ENVIROSTOR, CA HAZNET, CA NPDES, CA WDS, CA... | Higher | 4195, 0.795, ENE |
| 85 | SUNPOWER CORP. | 3939 N FIRST ST | CA ENVIROSTOR | Higher | 4281, 0.811, ENE |
| L86 | NORTH FIRST STREET P | 3901 NORTH FIRST STR | CA BOND EXP. PLAN | Higher | 4536, 0.859, East |
| L87 | NORTH FIRST STREET P | 3901 NORTH 1ST STREE | CA RESPONSE, CA ENVIROSTOR | Higher | 4536, 0.859, East |
| L88 | CYPRESS SEMICONDUCTO | 3901 N FIRST ST | CA ENVIROSTOR | Higher | 4536, 0.859, East |
| 89 | TWIN CREEKS TECHNOLO | 3930 N. FIRST STREET | CA ENVIROSTOR | Higher | 4554, 0.863, ENE |
| 90 | SILICON GENESIS CORP | 145 BAYTECH DRIVE | CA ENVIROSTOR | Lower | 4961, 0.940, NNE |
| 91 | LUMENTUM OPERATIONS | 80 ROSE ORCHARD WAY | RCRA-LQG, CA ENVIROSTOR, FINDS, ECHO | Higher | 5150, 0.975, ENE |
| 92 | PANTRONIX CORP. - SA | 145 RIO ROBLES DRIVE | CA ENVIROSTOR | Higher | 5204, 0.986, ESE |

# EXECUTIVE SUMMARY

**TARGET PROPERTY SEARCH RESULTS**

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

| Site | Database(s) | EPA ID |
|---|---|---|
| LEAT COMPANY PRINTIN<br>2307 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 | CA CUPA Listings<br>Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | N/A |
| | CA EMI<br>Facility Id: 10044 | |
| G & K METAL FINISHIN<br>2307 CALLE DEL MUNDO<br>SANTA CLARA, CA 95050 | RCRA-SQG<br>EPA ID:: CAD069138261 | CAD069138261 |
| | FINDS<br>Registry ID:: 110002655859 | |
| | ECHO<br>Registry ID: 110002655859 | |
| LEATCO INC DBA LEAT<br>2307 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 | CA HAZNET<br>GEPAID: CAL000093333 | N/A |
| LEAT CO PRINTING & G<br>2307 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 | NY MANIFEST<br>EPA ID: CAP000093333 | N/A |
| PERMIAN BUILDERS<br>2303 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 | CA HAZNET<br>GEPAID: CAC001323672 | N/A |

**DATABASES WITH NO MAPPED SITES**

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

**STANDARD ENVIRONMENTAL RECORDS**

***Federal NPL site list***

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

# EXECUTIVE SUMMARY

***Federal Delisted NPL site list***

Delisted NPL ..... National Priority List Deletions

***Federal CERCLIS list***

FEDERAL FACILITY ..... Federal Facility Site Information listing

***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE ..... Superfund Enterprise Management System Archive

***Federal RCRA CORRACTS facilities list***

CORRACTS ..... Corrective Action Report

***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

***Federal RCRA generators list***

RCRA-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

***Federal institutional controls / engineering controls registries***

LUCIS ..... Land Use Control Information System

***Federal ERNS list***

ERNS ..... Emergency Response Notification System

***State and tribal landfill and/or solid waste disposal site lists***

CA SWF/LF ..... Solid Waste Information System

***State and tribal leaking storage tank lists***

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

***State and tribal registered storage tank lists***

FEMA UST ..... Underground Storage Tank Listing
CA UST ..... Active UST Facilities
INDIAN UST ..... Underground Storage Tanks on Indian Land

***State and tribal voluntary cleanup sites***

INDIAN VCP ..... Voluntary Cleanup Priority Listing

***State and tribal Brownfields sites***

CA BROWNFIELDS ..... Considered Brownfieds Sites Listing

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Brownfield lists***

US BROWNFIELDS ..... A Listing of Brownfields Sites

# EXECUTIVE SUMMARY

***Local Lists of Landfill / Solid Waste Disposal Sites***

| | |
|---|---|
| CA WMUDS/SWAT | Waste Management Unit Database |
| CA SWRCY | Recycler Database |
| CA HAULERS | Registered Waste Tire Haulers Listing |
| INDIAN ODI | Report on the Status of Open Dumps on Indian Lands |
| DEBRIS REGION 9 | Torres Martinez Reservation Illegal Dump Site Locations |
| ODI | Open Dump Inventory |
| IHS OPEN DUMPS | Open Dumps on Indian Land |

***Local Lists of Hazardous waste / Contaminated Sites***

| | |
|---|---|
| US HIST CDL | Delisted National Clandestine Laboratory Register |
| CA SCH | School Property Evaluation Program |
| CA CDL | Clandestine Drug Labs |
| CA Toxic Pits | Toxic Pits Cleanup Act Sites |
| US CDL | National Clandestine Laboratory Register |

***Local Lists of Registered Storage Tanks***

| | |
|---|---|
| CA SWEEPS UST | SWEEPS UST Listing |
| CA FID UST | Facility Inventory Database |

***Local Land Records***

| | |
|---|---|
| CA LIENS | Environmental Liens Listing |
| LIENS 2 | CERCLA Lien Information |

***Records of Emergency Release Reports***

| | |
|---|---|
| HMIRS | Hazardous Materials Information Reporting System |
| CA LDS | Land Disposal Sites Listing |
| CA MCS | Military Cleanup Sites Listing |
| CA SPILLS 90 | SPILLS 90 data from FirstSearch |

***Other Ascertainable Records***

| | |
|---|---|
| FUDS | Formerly Used Defense Sites |
| DOD | Department of Defense Sites |
| SCRD DRYCLEANERS | State Coalition for Remediation of Drycleaners Listing |
| US FIN ASSUR | Financial Assurance Information |
| EPA WATCH LIST | EPA WATCH LIST |
| 2020 COR ACTION | 2020 Corrective Action Program List |
| TSCA | Toxic Substances Control Act |
| TRIS | Toxic Chemical Release Inventory System |
| SSTS | Section 7 Tracking Systems |
| RMP | Risk Management Plans |
| RAATS | RCRA Administrative Action Tracking System |
| PADS | PCB Activity Database System |
| FTTS | FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) |
| MLTS | Material Licensing Tracking System |
| COAL ASH DOE | Steam-Electric Plant Operation Data |
| COAL ASH EPA | Coal Combustion Residues Surface Impoundments List |

# EXECUTIVE SUMMARY

| | |
|---|---|
| PCB TRANSFORMER | PCB Transformer Registration Database |
| RADINFO | Radiation Information Database |
| HIST FTTS | FIFRA/TSCA Tracking System Administrative Case Listing |
| DOT OPS | Incident and Accident Data |
| CONSENT | Superfund (CERCLA) Consent Decrees |
| INDIAN RESERV | Indian Reservations |
| FUSRAP | Formerly Utilized Sites Remedial Action Program |
| UMTRA | Uranium Mill Tailings Sites |
| LEAD SMELTERS | Lead Smelter Sites |
| US AIRS | Aerometric Information Retrieval System Facility Subsystem |
| US MINES | Mines Master Index File |
| ABANDONED MINES | Abandoned Mines |
| UXO | Unexploded Ordnance Sites |
| DOCKET HWC | Hazardous Waste Compliance Docket Listing |
| FUELS PROGRAM | EPA Fuels Program Registered Listing |
| CA DRYCLEANERS | Cleaner Facilities |
| CA Financial Assurance | Financial Assurance Information Listing |
| CA ICE | ICE |
| CA HWP | EnviroStor Permitted Facilities Listing |
| CA HWT | Registered Hazardous Waste Transporter Database |
| CA MINES | Mines Site Location Listing |
| CA MWMP | Medical Waste Management Program Listing |
| CA PEST LIC | Pesticide Regulation Licenses Listing |
| CA PROC | Certified Processors Database |
| CA Notify 65 | Proposition 65 Records |
| CA UIC | UIC Listing |
| CA UIC GEO | UIC GEO (GEOTRACKER) |
| CA WASTEWATER PITS | Oil Wastewater Pits Listing |
| CA MILITARY PRIV SITES | MILITARY PRIV SITES (GEOTRACKER) |
| CA PROJECT | PROJECT (GEOTRACKER) |
| CA NON-CASE INFO | NON-CASE INFO (GEOTRACKER) |
| CA WIP | Well Investigation Program Case List |
| CA OTHER OIL GAS | OTHER OIL & GAS (GEOTRACKER) |
| CA PROD WATER PONDS | PROD WATER PONDS (GEOTRACKER) |
| CA SAMPLING POINT | SAMPLING POINT (GEOTRACKER) |
| CA WELL STIM PROJ | Well Stimulation Project (GEOTRACKER) |
| CA WDR | Waste Discharge Requirements Listing |

**EDR HIGH RISK HISTORICAL RECORDS**

***EDR Exclusive Records***

| | |
|---|---|
| EDR MGP | EDR Proprietary Manufactured Gas Plants |
| EDR Hist Auto | EDR Exclusive Historical Auto Stations |
| EDR Hist Cleaner | EDR Exclusive Historical Cleaners |

**EDR RECOVERED GOVERNMENT ARCHIVES**

***Exclusive Recovered Govt. Archives***

| | |
|---|---|
| CA RGA LF | Recovered Government Archive Solid Waste Facilities List |
| CA RGA LUST | Recovered Government Archive Leaking Underground Storage Tank |

**SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

# EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

**STANDARD ENVIRONMENTAL RECORDS**

### *Federal NPL site list*

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 12/12/2018 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SOUTH BAY ASBESTOS A***<br>Cerclis ID:: 902250<br>EPA Id: CAD980894885 | ***FT OF LIBERTY ST GUA*** | ***NNW 1/2 - 1 (0.636 mi.)*** | ***0*** | ***14*** |

### *Federal RCRA generators list*

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 7 RCRA-LQG sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| INTA TECHNOLOGIES<br>EPA ID:: CAL000208958 | 2281 CALLE DE LUNA | SSE 0 - 1/8 (0.075 mi.) | D35 | 240 |
| COATEK INC<br>EPA ID:: CAD000034769 | 2272 CALLE DE LUNA | SE 0 - 1/8 (0.107 mi.) | E45 | 263 |
| COATEK INC.<br>EPA ID:: CAL000034769 | 2272 CALLE DE LUNA | SE 0 - 1/8 (0.107 mi.) | E46 | 266 |
| ***SUN CIRCUITS INC***<br>EPA ID:: CAD000068809 | ***5191 LAFAYETTE ST.*** | ***SW 0 - 1/8 (0.110 mi.)*** | ***F49*** | ***287*** |
| ***SUN CIRCUITS INC***<br>EPA ID:: CAT080031420 | ***2318 CALLE DE LUNA*** | ***SSW 1/8 - 1/4 (0.138 mi.)*** | ***G63*** | ***333*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| EPZ INC | 2262 CALLE DEL MUNDO | ESE 0 - 1/8 (0.031 mi.) | B9 | 58 |

| | | | | |
|---|---|---|---|---|
| EPA ID:: CAD980818488 | | | | |
| ***ITALIX COMPANY, INCO*** | ***2232 CALLE DEL MUNDO*** | ***E 0 - 1/8 (0.066 mi.)*** | ***B25*** | ***180*** |
| EPA ID:: CAD981388630 | | | | |

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 15 RCRA-SQG sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***ALZETA CORPORATION*** | ***2343 CALLE DEL MUNDO*** | ***WSW 0 - 1/8 (0.060 mi.)*** | ***C19*** | ***135*** |
| EPA ID:: CAD981652936 | | | | |
| ***RICHARD AND DONNA WI*** | ***2301 CALLE DE LUNA*** | ***S 0 - 1/8 (0.064 mi.)*** | ***D22*** | ***166*** |
| EPA ID:: CAR000131052 | | | | |
| ***CIRTEX INC*** | ***2346 CALLE DEL MUNDO*** | ***SW 0 - 1/8 (0.071 mi.)*** | ***C31*** | ***225*** |
| EPA ID:: CAD021195466 | | | | |
| ***DOUBLE PRECISION MFG*** | ***2271 CALLE DE LUNA*** | ***SE 0 - 1/8 (0.078 mi.)*** | ***E36*** | ***244*** |
| EPA ID:: CAD981676471 | | | | |
| ***AMALAR INC*** | ***2317 CALLE DE LUNA*** | ***SSW 0 - 1/8 (0.089 mi.)*** | ***D38*** | ***246*** |
| EPA ID:: CAD982029779 | | | | |
| ***ALTATRON INC*** | ***2264 CALLE DE LUNA*** | ***SE 0 - 1/8 (0.107 mi.)*** | ***E44*** | ***259*** |
| EPA ID:: CAD118169325 | | | | |
| SUN CIRCUITS, INC. | 5191 LAFAYETTE STREE | SW 0 - 1/8 (0.110 mi.) | F48 | 284 |
| EPA ID:: CA0000068809 | | | | |
| ***SUN CIRCUITS INC*** | ***5124 CALLE DEL SOL*** | ***SSE 0 - 1/8 (0.112 mi.)*** | ***E53*** | ***293*** |
| EPA ID:: CA0000068882 | | | | |
| ***GUIDED DELIVERY SYST*** | ***2355 CALLE DE LUNA*** | ***SSW 0 - 1/8 (0.115 mi.)*** | ***F56*** | ***303*** |
| EPA ID:: CAR000207738 | | | | |
| ***MICRO LITHOGRAPHY IN*** | ***5101 LAFAYETTE ST*** | ***S 1/8 - 1/4 (0.167 mi.)*** | ***I73*** | ***349*** |
| EPA ID:: CAR000072702 | | | | |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***CLARK PRECISION SHEE*** | ***2275 CALLE DEL MUNDO*** | ***E 0 - 1/8 (0.032 mi.)*** | ***B15*** | ***126*** |
| EPA ID:: CAD092617745 | | | | |
| ***MOS TOOL & ENGINEERI*** | ***2233 CALLE DEL MUNDO*** | ***ENE 0 - 1/8 (0.063 mi.)*** | ***B20*** | ***160*** |
| EPA ID:: CAD982030348 | | | | |
| ***SCREEN MANUFACTURING*** | ***2246 CLLE DEL MUNDO*** | ***E 0 - 1/8 (0.064 mi.)*** | ***B21*** | ***163*** |
| EPA ID:: CAD983621277 | | | | |
| ***SHIBAURA TECH INT*** | ***2221 CALLE DE LUNA*** | ***ESE 0 - 1/8 (0.099 mi.)*** | ***E40*** | ***254*** |
| EPA ID:: CAR000017319 | | | | |
| ***SOUTH BAY TRUCK & EQ*** | ***2222 CALLE DE LUNA*** | ***E 0 - 1/8 (0.113 mi.)*** | ***H55*** | ***302*** |
| EPA ID:: CAD982475261 | | | | |

# EXECUTIVE SUMMARY

### *State- and tribal - equivalent NPL*

CA RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the CA RESPONSE list, as provided by EDR, has revealed that there is 1 CA RESPONSE site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***NORTH FIRST STREET P***<br>Database: RESPONSE, Date of Government Version: 10/29/2018<br>Status: Certified<br>Facility Id: 43990001 | ***3901 NORTH 1ST STREE*** | ***E 1/2 - 1 (0.859 mi.)*** | ***L87*** | ***436*** |

### *State- and tribal - equivalent CERCLIS*

CA ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 10/29/2018 has revealed that there are 23 CA ENVIROSTOR sites within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SOUTH BAY ASBESTOS A***<br>Facility Id: 43490060<br>Status: Active | ***FT OF LIBERTY ST GUA*** | ***NNW 1/2 - 1 (0.636 mi.)*** | ***0*** | ***14*** |
| ***COATEK INC***<br>Facility Id: 71003228<br>Status: Inactive - Needs Evaluation | ***2272 CALLE DE LUNA*** | ***SE 0 - 1/8 (0.107 mi.)*** | ***E47*** | ***268*** |
| ***SUN CIRCUITS INC***<br>Facility Id: 71003561<br>Status: Inactive - Needs Evaluation | ***5191 LAFAYETTE ST.*** | ***SW 0 - 1/8 (0.110 mi.)*** | ***F49*** | ***287*** |
| PARAGON ELECTRONIC S<br>Facility Id: 71003542<br>Status: No Action Required | 2318 CALLE DE LUNA | SSW 1/8 - 1/4 (0.138 mi.) | G61 | 317 |
| WESTERN DIGITAL<br>Facility Id: 71002774<br>Status: Inactive - Needs Evaluation | 5102 CALLE DEL SOL | SSE 1/8 - 1/4 (0.157 mi.) | K71 | 348 |
| ***GIANERA 2 - HABITAT***<br>Facility Id: 60001273<br>Status: Certified | ***2261 - 2285 GIANERA*** | ***S 1/2 - 1 (0.594 mi.)*** | ***80*** | ***385*** |
| ***HOGAN DRIVE PROPERTY*** | ***HOGAN DRIVE AND LAFA*** | ***SSE 1/2 - 1 (0.618 mi.)*** | ***81*** | ***390*** |

| | | | | |
|---|---|---|---|---|
| Facility Id: 60000397<br>Status: No Further Action | | | | |
| ***CISCO SYSTEMS SITE 6***<br>Facility Id: 43010027<br>Status: Certified O&M - Land Use Restrictions Only | ***NORTH FIRST STREET A*** | ***N 1/2 - 1 (0.689 mi.)*** | ***82*** | ***394*** |
| ***VISTA MONTANA PARK***<br>Facility Id: 60000294<br>Status: Active | ***4145 N. 1ST STREET*** | ***ENE 1/2 - 1 (0.693 mi.)*** | ***83*** | ***406*** |
| ***NOVELLUS SYSTEMS, IN***<br>Facility Id: 71002971<br>Status: Inactive - Needs Evaluation | ***4000 N. FIRST STREET*** | ***ENE 1/2 - 1 (0.795 mi.)*** | ***84*** | ***425*** |
| SUNPOWER CORP.<br>Facility Id: 71003820<br>Status: Inactive - Needs Evaluation | 3939 N FIRST ST | ENE 1/2 - 1 (0.811 mi.) | 85 | 434 |
| ***NORTH FIRST STREET P***<br>Facility Id: 43990001<br>Status: Certified | ***3901 NORTH 1ST STREE*** | ***E 1/2 - 1 (0.859 mi.)*** | ***L87*** | ***436*** |
| CYPRESS SEMICONDUCTO<br>Facility Id: 71002842<br>Status: No Further Action | 3901 N FIRST ST | E 1/2 - 1 (0.859 mi.) | L88 | 441 |
| TWIN CREEKS TECHNOLO<br>Facility Id: 71002098<br>Status: Inactive - Needs Evaluation | 3930 N. FIRST STREET | ENE 1/2 - 1 (0.863 mi.) | 89 | 443 |
| ***LUMENTUM OPERATIONS***<br>Facility Id: 71002948<br>Status: Inactive - Needs Evaluation | ***80 ROSE ORCHARD WAY*** | ***ENE 1/2 - 1 (0.975 mi.)*** | ***91*** | ***445*** |
| PANTRONIX CORP. - SA<br>Facility Id: 71003204<br>Status: Inactive - Needs Evaluation | 145 RIO ROBLES DRIVE | ESE 1/2 - 1 (0.986 mi.) | 92 | 460 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***NU-METAL FINISHING***<br>Facility Id: 71002694<br>Status: Inactive - Needs Evaluation | ***2262 CALLE DEL MUNDO*** | ***ESE 0 - 1/8 (0.031 mi.)*** | ***B11*** | ***102*** |
| ***ITALIX COMPANY, INCO***<br>Facility Id: 71002788<br>Status: Inactive - Needs Evaluation | ***2232 CALLE DEL MUNDO*** | ***E 0 - 1/8 (0.066 mi.)*** | ***B28*** | ***208*** |
| ***ALL PURPOSE LANDIFLL***<br>Facility Id: 43490056<br>Status: Refer: RWQCB | ***5401 LAFAYETTE*** | ***WNW 1/8 - 1/4 (0.215 mi.)*** | ***76*** | ***360*** |
| ***AKASHIC MEMORIES COR***<br>Facility Id: 71003087<br>Status: Inactive - Needs Evaluation | ***305 W TASMAN*** | ***ENE 1/4 - 1/2 (0.435 mi.)*** | ***77*** | ***362*** |
| ***SANTA CLARA GATEWAY***<br>Facility Id: 43290008<br>Status: Certified / Operation & Maintenance | ***GREAT AMERICA WAY &*** | ***NW 1/4 - 1/2 (0.468 mi.)*** | ***78*** | ***366*** |
| ***71 VISTA MONTANA***<br>Facility Id: 60000591<br>Facility Id: 71003060 | ***71 VISTA MONTANA*** | ***ENE 1/2 - 1 (0.562 mi.)*** | ***79*** | ***381*** |

Status: Inactive - Action Required
Status: Refer: Other Agency

| | | | | |
|---|---|---|---|---|
| SILICON GENESIS CORP<br>Facility Id: 60002120<br>Status: Active | 145 BAYTECH DRIVE | NNE 1/2 - 1 (0.940 mi.) | 90 | 444 |

***State and tribal leaking storage tank lists***

CA LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA LUST list, as provided by EDR, has revealed that there are 2 CA LUST sites within approximately 0.5 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***BILL DORAN CO.***<br>Database: LUST REG 2, Date of Government Version: 09/30/2004<br>Facility Status: Case Closed<br>date9: 5/1/1995 | ***2200 CALLE DE LUNA*** | ***E 0 - 1/8 (0.102 mi.)*** | ***H42*** | ***256*** |
| ***BILL DORAN CO.***<br>Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014<br>Database: LUST, Date of Government Version: 12/10/2018<br>Status: Completed - Case Closed<br>Date Closed: 05/01/1995<br>Global Id: T0608500244<br>SCVWD ID: 06S1W15F01F | ***2200 CALLE DE LUNA*** | ***E 0 - 1/8 (0.102 mi.)*** | ***H43*** | ***256*** |

CA CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA CPS-SLIC list, as provided by EDR, has revealed that there are 4 CA CPS-SLIC sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***WATTS MACHINING, INC***<br>Database: CPS-SLIC, Date of Government Version: 12/10/2018<br>Facility Status: Completed - Case Closed<br>Global Id: T10000008100 | ***2339 CALLE DEL MUNDO*** | ***SW 0 - 1/8 (0.053 mi.)*** | ***C17*** | ***132*** |
| ***RICHARD AND DONNA WI***<br>Database: SLIC REG 2, Date of Government Version: 09/30/2004<br>Database: CPS-SLIC, Date of Government Version: 12/10/2018<br>Facility Status: Open - Site Assessment<br>Facility Id: 43S0968<br>Global Id: SL0608590095 | ***2301 CALLE DE LUNA*** | ***S 0 - 1/8 (0.064 mi.)*** | ***D22*** | ***166*** |
| ***2278 CALLE DE LUNA***<br>Database: CPS-SLIC, Date of Government Version: 12/10/2018 | ***2278 CALLE DE LUNA*** | ***SE 0 - 1/8 (0.120 mi.)*** | ***E58*** | ***307*** |

Facility Status: Completed - Case Closed
Global Id: T10000009993

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***TASMAN EAST PARCEL 5*** | ***2220 & 2222 CALLE DE*** | ***ESE 0 - 1/8 (0.118 mi.)*** | ***57*** | ***306*** |

Database: CPS-SLIC, Date of Government Version: 12/10/2018
Facility Status: Open - Verification Monitoring
Global Id: T10000008334

CA HIST LUST: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the CA HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there is 1 CA HIST LUST site within approximately 0.5 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***BILL DORAN CO.*** | ***2200 CALLE DE LUNA*** | ***E 0 - 1/8 (0.102 mi.)*** | ***H42*** | ***256*** |

SCVWD ID: 06S1W15F01

***State and tribal registered storage tank lists***

CA AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the CA AST list, as provided by EDR, has revealed that there is 1 CA AST site within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| SERVER FARM REALTY | 5101 LAFAYETTE ST | S 1/8 - 1/4 (0.167 mi.) | I72 | 349 |

Database: AST, Date of Government Version: 07/06/2016

***State and tribal voluntary cleanup sites***

CA VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the CA VCP list, as provided by EDR, and dated 10/29/2018 has revealed that there is 1 CA VCP site within approximately 0.5 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SANTA CLARA GATEWAY*** | ***GREAT AMERICA WAY &*** | ***NW 1/4 - 1/2 (0.468 mi.)*** | ***78*** | ***366*** |

Status: Certified / Operation & Maintenance
Facility Id: 43290008

# EXECUTIVE SUMMARY

## ADDITIONAL ENVIRONMENTAL RECORDS

### *Local Lists of Hazardous waste / Contaminated Sites*

CA HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the CA HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 CA HIST Cal-Sites site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SOUTH BAY ASBESTOS A*** | ***FT OF LIBERTY ST GUA*** | ***NNW 1/2 - 1 (0.636 mi.)*** | ***0*** | ***14*** |

CA CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CA CERS HAZ WASTE list, as provided by EDR, and dated 10/22/2018 has revealed that there are 14 CA CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***LP GLASSBLOWING, INC*** | ***2330 CALLE DEL MUNDO*** | ***SSW 0 - 1/8 (0.031 mi.)*** | ***C13*** | ***116*** |
| ***WATTS MACHINING INC.*** | ***2339 CALLE DEL MUNDO*** | ***SW 0 - 1/8 (0.053 mi.)*** | ***C16*** | ***127*** |
| ***ALZETA CORPORATION*** | ***2343 CALLE DEL MUNDO*** | ***WSW 0 - 1/8 (0.060 mi.)*** | ***C19*** | ***135*** |
| ***INTA TECHNOLOGIES*** | ***2281 CALLE DE LUNA*** | ***SSE 0 - 1/8 (0.075 mi.)*** | ***D33*** | ***232*** |
| ***L P GLASSBLOWING INC*** | ***2325 CALLE DE LUNA*** | ***SSW 0 - 1/8 (0.092 mi.)*** | ***G39*** | ***248*** |
| ***GATEWAY PRECISION IN*** | ***2300 CALLE DE LUNA*** | ***S 0 - 1/8 (0.121 mi.)*** | ***I59*** | ***308*** |
| ***BEAM ON TECHNOLOGY C*** | ***2318 CALLE DE LUNA*** | ***SSW 1/8 - 1/4 (0.138 mi.)*** | ***G62*** | ***318*** |
| ***SIVA POWER*** | ***5102 CALLE DEL SOL*** | ***SSE 1/8 - 1/4 (0.157 mi.)*** | ***K70*** | ***346*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***CENTERLINE PRECISION*** | ***2265 CALLE DEL MUNDO*** | ***E 0 - 1/8 (0.022 mi.)*** | ***A7*** | ***45*** |
| ***EPZ, INC.*** | ***2262 CALLE DEL MUNDO*** | ***ESE 0 - 1/8 (0.031 mi.)*** | ***B10*** | ***74*** |
| ***CLARK PRECISION SHEE*** | ***2275 CALLE DEL MUNDO*** | ***E 0 - 1/8 (0.032 mi.)*** | ***B14*** | ***123*** |
| ***ITALIX CO INC*** | ***2232 CALLE DEL MUNDO*** | ***E 0 - 1/8 (0.066 mi.)*** | ***B26*** | ***192*** |
| ***CRAFTMASTER MACHINIS*** | ***2242 CALLE DEL MUNDO*** | ***E 0 - 1/8 (0.066 mi.)*** | ***B27*** | ***200*** |
| ***AIR FLIGHT SERVICE*** | ***2220 CALLE DE LUNA*** | ***E 0 - 1/8 (0.113 mi.)*** | ***H54*** | ***296*** |

### *Local Lists of Registered Storage Tanks*

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 CA HIST UST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| CIRTEX INC | 2309 CALLE DE LUNA | S 0 - 1/8 (0.070 mi.) | C30 | 224 |

| | | | | |
|---|---|---|---|---|
| Facility Id: 00000053168 | | | | |
| PARAGON<br>Facility Id: 00000001077 | 2318 CALLE DE LUNA | SSW 1/8 - 1/4 (0.138 mi.) | G64 | 335 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***BILL DORAN CO.***<br>Facility Id: 00000006838 | ***2200 CALLE DE LUNA*** | ***E 0 - 1/8 (0.102 mi.)*** | ***H43*** | ***256*** |

CA CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CA CERS TANKS list, as provided by EDR, and dated 10/22/2018 has revealed that there is 1 CA CERS TANKS site within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SERVER FARM REALTY*** | ***5101 LAFAYETTE ST*** | ***S 1/8 - 1/4 (0.167 mi.)*** | ***I74*** | ***354*** |

### *Local Land Records*

CA DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the CA DEED list, as provided by EDR, and dated 12/03/2018 has revealed that there are 2 CA DEED sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***RICHARD AND DONNA WI***<br>Status: OPEN - SITE ASSESSMENT<br>Envirostor ID: SL0608590095 | ***2301 CALLE DE LUNA*** | ***S 0 - 1/8 (0.064 mi.)*** | ***D22*** | ***166*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SANTA CLARA GATEWAY***<br>Status: CERTIFIED / OPERATION & MAINTENANCE<br>Envirostor ID: 43290008 | ***GREAT AMERICA WAY &*** | ***NW 1/4 - 1/2 (0.468 mi.)*** | ***78*** | ***366*** |

### *Other Ascertainable Records*

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/01/2018 has revealed that

there are 3 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***NU-METAL FINISHING I*** EPA ID:: CAT080029705 | ***5171 LAFAYETTE STREE*** | ***SSW 1/8 - 1/4 (0.146 mi.)*** | ***J67*** | ***339*** |
| ***FLEXTRONICS PHOTONIC*** EPA ID:: CAD981383904 | ***5102 CALLE DEL SOL*** | ***SSE 1/8 - 1/4 (0.157 mi.)*** | ***K69*** | ***343*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***GYREX CORPORATION*** EPA ID:: CAD980584528 | ***2234 CALLE DEL MUNDO*** | ***E 0 - 1/8 (0.066 mi.)*** | ***B24*** | ***178*** |

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 12/12/2018 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SOUTH BAY ASBESTOS A*** EPA ID:: CAD980894885 | ***FT OF LIBERTY ST GUA*** | ***NNW 1/2 - 1 (0.636 mi.)*** | ***0*** | ***14*** |

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| NORTH FIRST STREET P | 3901 NORTH FIRST STR | E 1/2 - 1 (0.859 mi.) | L86 | 435 |

CA Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the CA Cortese list, as provided by EDR, and dated 09/24/2018 has revealed that there is 1 CA Cortese site within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***D&H MANUFACTURING CO*** | ***2301 2309 CALLE DE L*** | ***S 0 - 1/8 (0.064 mi.)*** | ***D23*** | ***176*** |

CA CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CA CUPA Listings list, as provided by EDR, has revealed that there are 17 CA CUPA

# EXECUTIVE SUMMARY

Listings sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| WAY OF THE WORLD | 2302 CALLE DEL MUNDO | SSE 0 - 1/8 (0.012 mi.) | A6 | 45 |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| W&K AUTOMOTIVE | 2338 CALLE DEL MUNDO | SSW 0 - 1/8 (0.054 mi.) | C18 | 135 |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| INTERNATIONAL TECHNI | 2281 CALLE DE LUNA | SSE 0 - 1/8 (0.075 mi.) | D34 | 240 |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| SUN CIRCUITS INC | 2354 CALLE DEL MUNDO | SW 0 - 1/8 (0.087 mi.) | F37 | 246 |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| ***COATEK INC*** | ***2272 CALLE DE LUNA*** | ***SE 0 - 1/8 (0.107 mi.)*** | ***E47*** | ***268*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| SUN CIRCUITS INC | 5191 LAFAYETTE AV | SW 0 - 1/8 (0.110 mi.) | F50 | 290 |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| ***CODY ELECTRONICS INC*** | ***5128 CALLE DEL SOL*** | ***SSE 0 - 1/8 (0.111 mi.)*** | ***E51*** | ***290*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| ***SUN CIRCUITS INC*** | ***5124 CALLE DEL SOL*** | ***SSE 0 - 1/8 (0.112 mi.)*** | ***E53*** | ***293*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| ***PARAGON ELECTRONIC S*** | ***2318 CALLE DE LUNA*** | ***SSW 1/8 - 1/4 (0.138 mi.)*** | ***G60*** | ***314*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| CALIFORNIA MACHINING | 5181 LAFAYETTE ST | SSW 1/8 - 1/4 (0.139 mi.) | G66 | 339 |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| ***INTERNATIONAL SPRAY*** | ***5171 LAFAYETTE ST*** | ***SSW 1/8 - 1/4 (0.146 mi.)*** | ***J68*** | ***341*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| WESTERN DIGITAL CORP | 5101 LAFAYETTE ST | S 1/8 - 1/4 (0.167 mi.) | I75 | 359 |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***NU-METAL FINISHING I*** | ***2262 CALLE DEL MUNDO*** | ***ESE 0 - 1/8 (0.031 mi.)*** | ***B12*** | ***114*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| ***ITALIX CO INC*** | ***2232 CALLE DEL MUNDO*** | ***E 0 - 1/8 (0.066 mi.)*** | ***B26*** | ***192*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| BEAM ON TECHNOLOGY C | 2244 CALLE DEL MUNDO | E 0 - 1/8 (0.066 mi.) | B29 | 224 |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| SHIBAURA TECHNOLOGY | 2221 CALLE DE LUNA | ESE 0 - 1/8 (0.099 mi.) | E41 | 255 |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |
| ***AIR FLIGHT SERVICE*** | ***2220 CALLE DE LUNA*** | ***E 0 - 1/8 (0.113 mi.)*** | ***H54*** | ***296*** |
| Database: CUPA SANTA CLARA, Date of Government Version: 11/16/2018 | | | | |

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

# EXECUTIVE SUMMARY

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***NU-METAL FINISHING*** Reg Id: 2527 | ***2262 CALLE DEL MUNDO*** | ***ESE 0 - 1/8 (0.031 mi.)*** | ***B11*** | ***102*** |
| ***BILL DORAN CO.*** Reg Id: 43-0180 | ***2200 CALLE DE LUNA*** | ***E 0 - 1/8 (0.102 mi.)*** | ***H42*** | ***256*** |
| ***ALL PURPOSE LANDIFLL*** Reg Id: 43490056 | ***5401 LAFAYETTE*** | ***WNW 1/8 - 1/4 (0.215 mi.)*** | ***76*** | ***360*** |

MN MANIFEST: Hazardous waste manifest data.

A review of the MN MANIFEST list, as provided by EDR, and dated 06/30/2016 has revealed that there are 2 MN MANIFEST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| SUN CIRCUITS INC | 5124 CALLE DEL SOL | SSE 0 - 1/8 (0.112 mi.) | E52 | 292 |
| NMN INC | 2318 CALLE DE LUNA | SSW 1/8 - 1/4 (0.138 mi.) | G65 | 336 |

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there are 2 PA MANIFEST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| INTA TECHNOLOGIES CO Generator EPA Id: CAL000208958 | 2281 CALLE DE LUNA | SSE 0 - 1/8 (0.075 mi.) | D32 | 227 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| NU METAL FINISHING I Generator EPA Id: CAD980818488 | 2262 CALLE DEL MUNDO | ESE 0 - 1/8 (0.031 mi.) | B8 | 56 |

# EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

| Site Name | Database(s) |
| --- | --- |
| MARSHLAND DEVELOPMENTS, INC | CA ENVIROSTOR |

# OVERVIEW MAP - 5536582.2S

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

| | |
|---|---|
| SITE NAME: Parcel 61 | CLIENT: Roux Associates Inc |
| ADDRESS: 2303 Calle Del Mundo<br>Santa Clara CA 95054 | CONTACT: Rachel Maxwell<br>INQUIRY #: 5536582.2s |
| LAT/LONG: 37.410172 / 121.965807 | DATE: January 16, 2019 4:27 pm |

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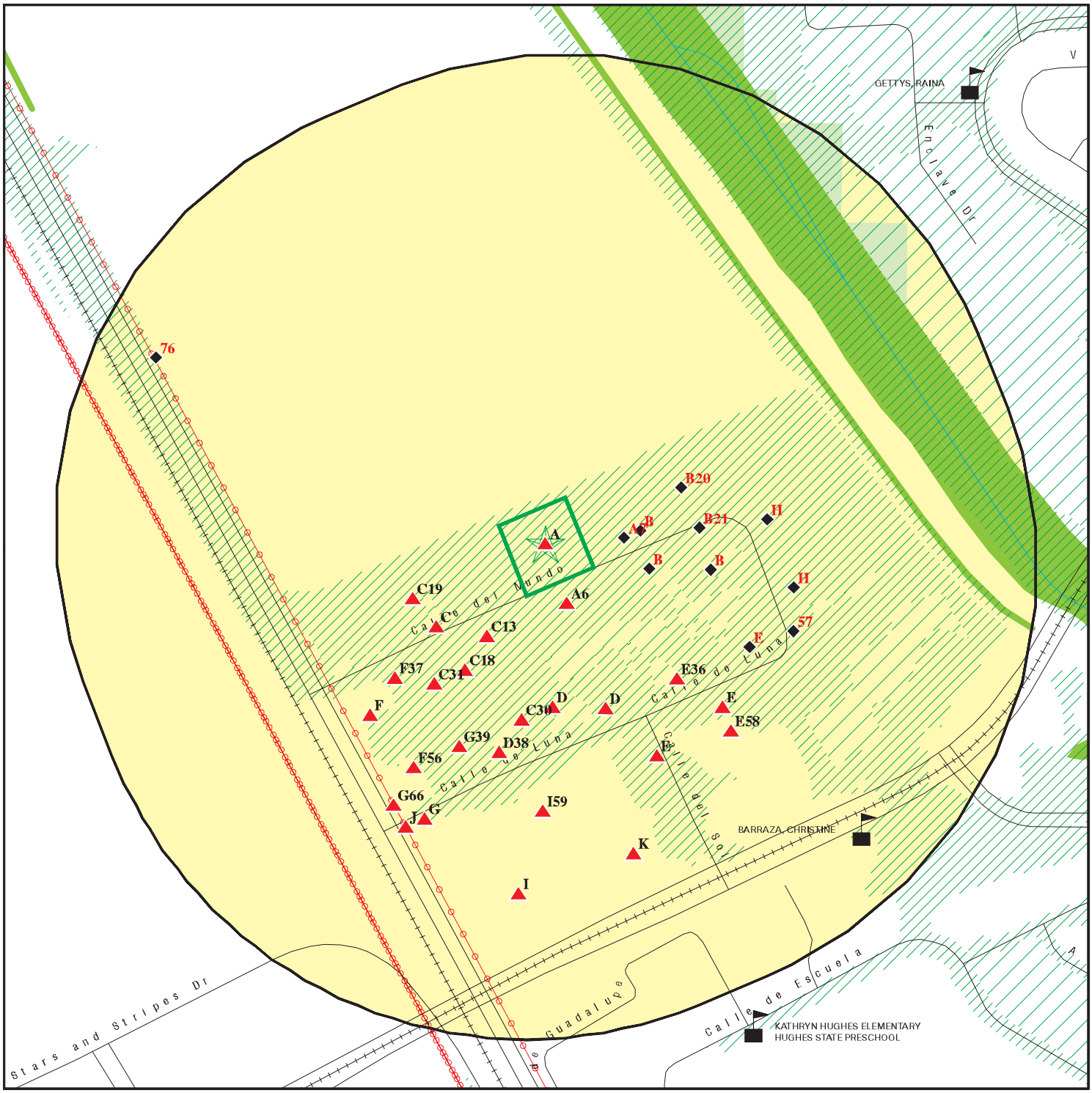
# DETAIL MAP - 5536582.2S




0 1/16 1/8 1/4 Miles

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

| | |
|---|---|
| SITE NAME: Parcel 61 | CLIENT: Roux Associates Inc |
| ADDRESS: 2303 Calle Del Mundo<br>Santa Clara CA 95054 | CONTACT: Rachel Maxwell<br>INQUIRY #: 5536582.2s |
| LAT/LONG: 37.410172 / 121.965807 | DATE: January 16, 2019 4:28 pm |

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# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| **STANDARD ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Federal NPL site list*** | | | | | | | | |
| NPL | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| Proposed NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| NPL LIENS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Federal Delisted NPL site list*** | | | | | | | | |
| Delisted NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Federal CERCLIS list*** | | | | | | | | |
| FEDERAL FACILITY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SEMS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal CERCLIS NFRAP site list*** | | | | | | | | |
| SEMS-ARCHIVE | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal RCRA CORRACTS facilities list*** | | | | | | | | |
| CORRACTS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Federal RCRA non-CORRACTS TSD facilities list*** | | | | | | | | |
| RCRA-TSDF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal RCRA generators list*** | | | | | | | | |
| RCRA-LQG | 0.250 | | 6 | 1 | NR | NR | NR | 7 |
| RCRA-SQG | 0.250 | 1 | 14 | 1 | NR | NR | NR | 16 |
| RCRA-CESQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***Federal institutional controls / engineering controls registries*** | | | | | | | | |
| LUCIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US INST CONTROL | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal ERNS list*** | | | | | | | | |
| ERNS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***State- and tribal - equivalent NPL*** | | | | | | | | |
| CA RESPONSE | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| ***State- and tribal - equivalent CERCLIS*** | | | | | | | | |
| CA ENVIROSTOR | 1.000 | | 4 | 3 | 2 | 14 | NR | 23 |
| ***State and tribal landfill and/or solid waste disposal site lists*** | | | | | | | | |
| CA SWF/LF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***State and tribal leaking storage tank lists*** | | | | | | | | |
| CA LUST | 0.500 | | 2 | 0 | 0 | NR | NR | 2 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| INDIAN LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CA CPS-SLIC | 0.500 | | 4 | 0 | 0 | NR | NR | 4 |
| CA HIST LUST | 0.500 | | 1 | 0 | 0 | NR | NR | 1 |
| ***State and tribal registered storage tank lists*** | | | | | | | | |
| FEMA UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA AST | 0.250 | | 0 | 1 | NR | NR | NR | 1 |
| INDIAN UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***State and tribal voluntary cleanup sites*** | | | | | | | | |
| CA VCP | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| INDIAN VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***State and tribal Brownfields sites*** | | | | | | | | |
| CA BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| **ADDITIONAL ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Local Brownfield lists*** | | | | | | | | |
| US BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Landfill / Solid Waste Disposal Sites*** | | | | | | | | |
| CA WMUDS/SWAT | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CA SWRCY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CA HAULERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| INDIAN ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DEBRIS REGION 9 | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IHS OPEN DUMPS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Hazardous waste / Contaminated Sites*** | | | | | | | | |
| US HIST CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA HIST Cal-Sites | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| CA SCH | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA Toxic Pits | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| CA CERS HAZ WASTE | 0.250 | | 12 | 2 | NR | NR | NR | 14 |
| US CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Local Lists of Registered Storage Tanks*** | | | | | | | | |
| CA SWEEPS UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA HIST UST | 0.250 | | 2 | 1 | NR | NR | NR | 3 |
| CA CERS TANKS | 0.250 | | 0 | 1 | NR | NR | NR | 1 |
| CA FID UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***Local Land Records*** | | | | | | | | |
| CA LIENS | 0.001 | | 0 | NR | NR | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| LIENS 2 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA DEED | 0.500 | | 1 | 0 | 1 | NR | NR | 2 |
| ***Records of Emergency Release Reports*** | | | | | | | | |
| HMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA CHMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA LDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA MCS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA SPILLS 90 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Other Ascertainable Records*** | | | | | | | | |
| RCRA NonGen / NLR | 0.250 | | 1 | 2 | NR | NR | NR | 3 |
| FUDS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| DOD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| SCRD DRYCLEANERS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US FIN ASSUR | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| EPA WATCH LIST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TSCA | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| TRIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SSTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ROD | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| RMP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RAATS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PRP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PADS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ICIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| MLTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH DOE | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH EPA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| PCB TRANSFORMER | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RADINFO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DOT OPS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CONSENT | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| INDIAN RESERV | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FUSRAP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| UMTRA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| LEAD SMELTERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US AIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ABANDONED MINES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FINDS | 0.001 | 1 | 0 | NR | NR | NR | NR | 1 |
| UXO | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ECHO | 0.001 | 1 | 0 | NR | NR | NR | NR | 1 |
| DOCKET HWC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FUELS PROGRAM | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA BOND EXP. PLAN | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| CA Cortese | 0.500 | | 1 | 0 | 0 | NR | NR | 1 |
| CA CUPA Listings | 0.250 | 1 | 13 | 4 | NR | NR | NR | 18 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| CA DRYCLEANERS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA EMI | 0.001 | 1 | 0 | NR | NR | NR | NR | 1 |
| CA ENF | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA Financial Assurance | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA HAZNET | 0.001 | 2 | 0 | NR | NR | NR | NR | 2 |
| CA ICE | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA HIST CORTESE | 0.500 | | 2 | 1 | 0 | NR | NR | 3 |
| CA HWP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| CA HWT | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| MN MANIFEST | 0.250 | | 1 | 1 | NR | NR | NR | 2 |
| PA MANIFEST | 0.250 | | 2 | 0 | NR | NR | NR | 2 |
| NY MANIFEST | 0.250 | 1 | 0 | 0 | NR | NR | NR | 1 |
| CA MINES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA MWMP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA NPDES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA PEST LIC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA PROC | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CA Notify 65 | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| CA SAN JOSE HAZMAT | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA UIC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA UIC GEO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA WASTEWATER PITS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CA WDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA MILITARY PRIV SITES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA PROJECT | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA CIWQS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA CERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA NON-CASE INFO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA WIP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA OTHER OIL GAS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA PROD WATER PONDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA SAMPLING POINT | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA WELL STIM PROJ | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA WDR | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| **EDR HIGH RISK HISTORICAL RECORDS** | | | | | | | | |
| ***EDR Exclusive Records*** | | | | | | | | |
| EDR MGP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| EDR Hist Auto | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| EDR Hist Cleaner | 0.125 | | 0 | NR | NR | NR | NR | 0 |
| **EDR RECOVERED GOVERNMENT ARCHIVES** | | | | | | | | |
| ***Exclusive Recovered Govt. Archives*** | | | | | | | | |
| CA RGA LF | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CA RGA LUST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| - Totals -- | | 8 | 66 | 18 | 4 | 19 | 0 | 115 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

**A1 Target Property** | **LEAT COMPANY PRINTING & GRAPHI**
**2307 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054**

**CA CUPA Listings** **1006248614**
**CA EMI** **N/A**

**Site 1 of 7 in cluster A**

**Actual: 10 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2253 |
| Program Description: | OBSOLETE SELF-AUDIT GEN <5 TONS/YR |
| Latitude: | 37.409791 |
| Longitude: | -121.966184 |
| Record ID: | PR0317350 |
| Facility ID: | FA0211768 |

EMI:

| | |
|---|---|
| Year: | 1996 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 10044 |
| Air District Name: | BA |
| SIC Code: | 2752 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1997 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 10044 |
| Air District Name: | BA |
| SIC Code: | 2752 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | | | |
|---|---|---|---|
| **A2** | **G & K METAL FINISHING** | **RCRA-SQG** | **1000121272** |
| **Target** | **2307 CALLE DEL MUNDO** | **FINDS** | **CAD069138261** |
| **Property** | **SANTA CLARA, CA 95050** | **ECHO** | |

**Site 2 of 7 in cluster A**

**Actual: 10 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 09/01/1996 |
| Facility name: | G & K METAL FINISHING |
| Facility address: | 2307 CALLE DEL MUNDO<br>SANTA CLARA, CA 95050 |
| EPA ID: | CAD069138261 |
| Mailing address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95050 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | HICKEY GORDON O |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |

**G & K METAL FINISHING (Continued)** **1000121272**

| | |
|---|---|
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

FINDS:

Registry ID: 110002655859

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000121272 |
| Registry ID: | 110002655859 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002655859 |

---

**A3 Target Property** **LEATCO INC DBA LEAT CO PRINTING & GRAPH** **CA HAZNET** **S113057306**
**2307 CALLE DEL MUNDO** **N/A**
**SANTA CLARA, CA 95054**

**Site 3 of 7 in cluster A**

**Actual: 10 ft.**

HAZNET:

| | |
|---|---|
| envid: | S113057306 |
| Year: | 1998 |
| GEPAID: | CAL000093333 |
| Contact: | ROBERT & BARBARA LEAT |
| Telephone: | 4089801116 |
| Mailing Name: | Not reported |
| Mailing Address: | 2302 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | 0971255088 |
| TSD County: | Not reported |
| Waste Category: | Unspecified organic liquid mixture |
| Disposal Method: | Not reported |
| Tons: | .1251 |

**LEATCO INC DBA LEAT CO PRINTING & GRAPH (Continued)** **S113057306**

| | |
|---|---|
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113057306 |
| Year: | 1997 |
| GEPAID: | CAL000093333 |
| Contact: | ROBERT & BARBARA LEAT |
| Telephone: | 4089801116 |
| Mailing Name: | Not reported |
| Mailing Address: | 2302 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | HAHQ36 05012 |
| TSD County: | Not reported |
| Waste Category: | Photochemicals/photoprocessing waste |
| Disposal Method: | Recycler |
| Tons: | .1251 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113057306 |
| Year: | 1996 |
| GEPAID: | CAL000093333 |
| Contact: | ROBERT & BARBARA LEAT |
| Telephone: | 4089801116 |
| Mailing Name: | Not reported |
| Mailing Address: | 2302 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD983667783 |
| TSD County: | Not reported |
| Waste Category: | Photochemicals/photoprocessing waste |
| Disposal Method: | Not reported |
| Tons: | .1251 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

---

**A4 Target Property** **LEAT CO PRINTING & GRAPHICS** **NY MANIFEST** **1009219096**
**2307 CALLE DEL MUNDO** **N/A**
**SANTA CLARA, CA 95054**

**Site 4 of 7 in cluster A**

**Actual: 10 ft.**

NY MANIFEST:

| | |
|---|---|
| Country: | USA |
| EPA ID: | CAP000093333 |
| Facility Status: | Not reported |
| Location Address 1: | 2307 CALLE DEL MUNDO |
| Code: | BP |
| Location Address 2: | Not reported |
| Total Tanks: | Not reported |
| Location City: | SANTA CLARA |
| Location State: | CA |
| Location Zip: | 95054 |
| Location Zip 4: | Not reported |

**LEAT CO PRINTING & GRAPHICS (Continued)** **1009219096**

NY MANIFEST:

| | |
|---|---|
| EPAID: | CAP000093333 |
| Mailing Name: | LEAT CO PRINTING & GRAPHICS |
| Mailing Contact: | ROBERT LEAT |
| Mailing Address 1: | 2307 CALLE DEL MUNDO |
| Mailing Address 2: | Not reported |
| Mailing City: | SANTA CLARA |
| Mailing State: | CA |
| Mailing Zip: | 95054 |
| Mailing Zip 4: | Not reported |
| Mailing Country: | USA |
| Mailing Phone: | 4089801116 |

NY MANIFEST:

| | |
|---|---|
| Document ID: | NYG1359081 |
| Manifest Status: | Not reported |
| seq: | 01 |
| Year: | 1998 |
| Trans1 State ID: | Not reported |
| Trans2 State ID: | Not reported |
| Generator Ship Date: | 11/17/1998 |
| Trans1 Recv Date: | 11/17/1998 |
| Trans2 Recv Date: | Not reported |
| TSD Site Recv Date: | 12/14/1998 |
| Part A Recv Date: | Not reported |
| Part B Recv Date: | Not reported |
| Generator EPA ID: | CAP000093333 |
| Trans1 EPA ID: | NYD980769947 |
| Trans2 EPA ID: | Not reported |
| TSDF ID 1: | NYD045604964 |
| TSDF ID 2: | Not reported |
| Manifest Tracking Number: | Not reported |
| Import Indicator: | Not reported |
| Export Indicator: | Not reported |
| Discr Quantity Indicator: | Not reported |
| Discr Type Indicator: | Not reported |
| Discr Residue Indicator: | Not reported |
| Discr Partial Reject Indicator: | Not reported |
| Discr Full Reject Indicator: | Not reported |
| Manifest Ref Number: | Not reported |
| Alt Facility RCRA ID: | Not reported |
| Alt Facility Sign Date: | Not reported |
| MGMT Method Type Code: | Not reported |
| Waste Code: | D011 - SILVER 5.0 MG/L TCLP |
| Waste Code: | Not reported |
| Waste Code: | Not reported |
| Waste Code: | Not reported |
| Waste Code: | Not reported |
| Waste Code: | Not reported |
| Quantity: | 00045 |
| Units: | G - Gallons (liquids only)* (8.3 pounds) |
| Number of Containers: | 003 |
| Container Type: | DF - Fiberboard or plastic drums (glass) |
| Handling Method: | R Material recovery of more than 75 percent of the total material. |
| Specific Gravity: | 01.00 |

**LEAT CO PRINTING & GRAPHICS (Continued)** **1009219096**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

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**A5 Target Property** | **PERMIAN BUILDERS** | **CA HAZNET** | **S112882462**
**2303 CALLE DEL MUNDO** | **N/A**
**SANTA CLARA, CA 95054**

**Site 5 of 7 in cluster A**

**Actual: 10 ft.**

HAZNET:

| | |
|---|---|
| envid: | S112882462 |
| Year: | 2000 |
| GEPAID: | CAC001323672 |
| Contact: | LARRY HOFSTETTER - GEN CONT |
| Telephone: | 4087271177 |
| Mailing Name: | Not reported |
| Mailing Address: | 47770 WESTINGHOUSE DR |
| Mailing City,St,Zip: | FREMONT, CA 945397475 |
| Gen County: | Not reported |
| TSD EPA ID: | CAL000161743 |
| TSD County: | Not reported |
| Waste Category: | Unspecified organic liquid mixture |
| Disposal Method: | Transfer Station |
| Tons: | 0.41 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

---

**NPL Region NNW 1/2-1 3357 ft.** | **SOUTH BAY ASBESTOS AREA** | **NPL** | **1000405018**
**FT OF LIBERTY ST GUADALUPE RIV** | **SEMS** | **CAD980894885**
**ALVISO, CA 95002**

**US ENG CONTROLS**
**US INST CONTROL**
**CA ENVIROSTOR**
**CA HIST Cal-Sites**
**CA DEED**
**ROD**
**PRP**
**ICIS**
**CA Cortese**
**CA HIST CORTESE**

NPL:

| | |
|---|---|
| EPA ID: | CAD980894885 |
| Cerclis ID: | 902250 |
| EPA Region: | 9 |
| Federal: | N |
| Final Date: | 1986-06-10 00:00:00 |
| Site Score: | 44.68 |
| Latitude: | 37.429861000000002 |
| Longitude: | -121.9811 |

Category Details:

| | |
|---|---|
| NPL Status: | Currently on the Final NPL |
| Category Description: | Depth To Aquifer-> 10 And <= 25 Feet |
| Category Value: | 14 |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

Site Details:
Site Name: SOUTH BAY ASBESTOS AREA
Site Status: Final
Site Zip: 95002
Site City: ALVISO
Site State: CA
Federal Site: No
Site County: SANTA CLARA
EPA Region: 09
Date Proposed: 10/15/84
Date Deleted: Not reported
Date Finalized: 06/10/86

Substance Details:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: U013
Substance: ASBESTOS
CAS #: 1332-21-4
Pathway: AIR PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U013
Substance: ASBESTOS
CAS #: 1332-21-4
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U013
Substance: ASBESTOS
CAS #: 1332-21-4
Pathway: SURFACE WATER PATHWAY
Scoring: 3

Summary Details:

Conditions at proposal October 15, 1984): Portions of Alviso, California, located in north Santa Clara County on the southern edge of the San Francisco Bay, served as dumping areas for over 30 years. Companies disposed of asbestos waste inan old municipal landfill. In addition, asbestos waste was used for fill material at various locations throughout the town. The site was first proposed for listing under the name Alviso Dumping Areas. Soil in the old landfill and around homes contains asbestos, according to tests conducted by the State. Construction activities and wind action stir up asbestos-laden dust, posing a potential health risk to residents. EPA and

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

the State plan to continue sampling the soil and air throughout the l-square-mile area to determine the degree of risk to public health. Evening winds may transport asbestos to the San Francisco Bay National Wildlife Refuge, which borders the town and harbors several endangered species. Status June 10, 1986): In July l985, EPA entered into an Interagency Agreement with the U.S. Army Corps of Engineers to conduct a remedial investigation/feasibility study to determine the extent of contamination at the site and identify alternatives for remedial action. The remedial investigation is scheduled to begin in the spring of 1986. In October 1985, two areas of the town were paved to prevent exposure of residents to potentially significant levels of asbestosfibers. Additional measures are being considered to further reduce exposures to asbestos fibers.

Site Status Details:

| | |
|---|---|
| NPL Status: | Final |
| Proposed Date: | 10/15/1984 |
| Final Date: | 06/10/1986 |
| Deleted Date: | Not reported |

Narratives Details:

| | |
|---|---|
| NPL Name: | SOUTH BAY ASBESTOS AREA |
| City: | ALVISO |
| State: | CA |

SEMS:

| | |
|---|---|
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Cong District: | 13,17 |
| FIPS Code: | 06085 |
| Latitude: | 37.429861 |
| Longitude: | -121.981100 |
| FF: | N |
| NPL: | Currently on the Final NPL |
| Non NPL Status: | Not reported |

SEMS Detail:

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | NF |
| Action Name: | NPL FINL |
| SEQ: | 1 |
| Start Date: | 1986-06-10 04:00:00 |
| Finish Date: | 6/10/1986 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| FF: | N |
| OU: | 00 |
| Action Code: | NP |
| Action Name: | PROPOSED |
| SEQ: | 1 |
| Start Date: | 1984-10-15 05:00:00 |
| Finish Date: | 10/15/1984 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 01 |
| Action Code: | CO |
| Action Name: | RI/FS |
| SEQ: | 1 |
| Start Date: | 1985-07-11 05:00:00 |
| Finish Date: | 9/29/1988 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | RS |
| Action Name: | RV ASSESS |
| SEQ: | 1 |
| Start Date: | 1990-07-02 04:00:00 |
| Finish Date: | 7/2/1990 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | PA |
| Action Name: | PA |
| SEQ: | 1 |
| Start Date: | 1984-04-01 06:00:00 |
| Finish Date: | 4/1/1984 6:00:00 AM |
| Qual: | H |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 02 |
| Action Code: | RD |
| Action Name: | RD |
| SEQ: | 1 |
| Start Date: | 1989-09-14 04:00:00 |
| Finish Date: | 9/30/1991 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | RV |
| Action Name: | RMVL |
| SEQ: | 1 |
| Start Date: | 1985-10-14 05:00:00 |
| Finish Date: | 5/20/1986 4:00:00 AM |
| Qual: | S |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 02 |
| Action Code: | RO |
| Action Name: | ROD |
| SEQ: | 3 |
| Start Date: | 1989-09-29 04:00:00 |
| Finish Date: | 9/29/1989 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | MA |
| Action Name: | ST COOP |
| SEQ: | 1 |
| Start Date: | 1989-04-30 04:00:00 |
| Finish Date: | 1/4/2016 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | CM |
| Action Name: | PCOR |
| SEQ: | 1 |
| Start Date: | 1998-09-23 04:00:00 |
| Finish Date: | 9/23/1998 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | TG |
| Action Name: | TA GRANT |
| SEQ: | 1 |
| Start Date: | 1992-06-18 04:00:00 |
| Finish Date: | 1/4/2016 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 01 |
| Action Code: | AR |
| Action Name: | ADMIN REC |
| SEQ: | 2 |
| Start Date: | 1988-06-28 04:00:00 |
| Finish Date: | 12/11/2015 5:00:00 AM |
| Qual: | E |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 02 |
| Action Code: | CO |
| Action Name: | RI/FS |
| SEQ: | 2 |
| Start Date: | 1985-07-11 05:00:00 |
| Finish Date: | 9/29/1989 4:00:00 AM |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | DS |
| Action Name: | DISCVRY |
| SEQ: | 1 |
| Start Date: | 1983-11-01 05:00:00 |
| Finish Date: | 11/1/1983 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | CR |
| Action Name: | CI |
| SEQ: | 2 |
| Start Date: | 1985-12-09 06:00:00 |
| Finish Date: | 9/30/1998 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | CR |
| Action Name: | CI |
| SEQ: | 1 |
| Start Date: | 1991-09-16 04:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | RS |
| Action Name: | RV ASSESS |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| SEQ: | 2 |
| Start Date: | 1991-02-26 05:00:00 |
| Finish Date: | 2/26/1991 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | HR |
| Action Name: | HAZRANK |
| SEQ: | 1 |
| Start Date: | 1984-04-01 06:00:00 |
| Finish Date: | 4/1/1984 6:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | SI |
| Action Name: | SI |
| SEQ: | 1 |
| Start Date: | 1984-04-01 06:00:00 |
| Finish Date: | 4/1/1984 6:00:00 AM |
| Qual: | H |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | FE |
| Action Name: | 5 YEAR |
| SEQ: | 5 |
| Start Date: | 2014-11-12 05:00:00 |
| Finish Date: | 9/10/2015 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| OU: | 00 |
| Action Code: | RS |
| Action Name: | RV ASSESS |
| SEQ: | 3 |
| Start Date: | 2001-10-04 04:00:00 |
| Finish Date: | 4/22/2002 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | AR |
| Action Name: | ADMIN REC |
| SEQ: | 3 |
| Start Date: | 2003-11-06 05:00:00 |
| Finish Date: | 11/6/2003 5:00:00 AM |
| Qual: | V |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 01 |
| Action Code: | RO |
| Action Name: | ROD |
| SEQ: | 2 |
| Start Date: | 1988-09-29 04:00:00 |
| Finish Date: | 9/29/1988 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | FE |
| Action Name: | 5 YEAR |
| SEQ: | 4 |
| Start Date: | 2010-04-16 04:00:00 |
| Finish Date: | 9/22/2010 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | FE |
| Action Name: | 5 YEAR |
| SEQ: | 3 |
| Start Date: | 2005-03-31 05:00:00 |
| Finish Date: | 9/27/2005 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | RV |
| Action Name: | RMVL |
| SEQ: | 3 |
| Start Date: | 2003-10-27 05:00:00 |
| Finish Date: | 11/4/2003 5:00:00 AM |
| Qual: | C |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | FE |
| Action Name: | 5 YEAR |
| SEQ: | 2 |
| Start Date: | 2000-05-01 04:00:00 |
| Finish Date: | 9/29/2000 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 01 |
| Action Code: | BF |
| Action Name: | PRP RA |
| SEQ: | 2 |
| Start Date: | 1993-10-15 04:00:00 |
| Finish Date: | 9/30/1998 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 02 |
| Action Code: | BE |
| Action Name: | PRP RD |
| SEQ: | 1 |
| Start Date: | 1991-09-30 04:00:00 |
| Finish Date: | 5/11/1992 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 02 |
| Action Code: | BF |
| Action Name: | PRP RA |
| SEQ: | 1 |
| Start Date: | 1992-05-11 04:00:00 |
| Finish Date: | 9/30/1993 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0902250 |
| EPA ID: | CAD980894885 |
| Site Name: | SOUTH BAY ASBESTOS AREA |
| NPL: | F |
| FF: | N |
| OU: | 01 |
| Action Code: | BE |
| Action Name: | PRP RD |
| SEQ: | 2 |
| Start Date: | 1992-12-03 05:00:00 |
| Finish Date: | 10/15/1993 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |

US ENG CONTROLS:

| | |
|---|---|
| EPA ID: | CAD980894885 |
| Site ID: | 0902250 |
| Name: | SOUTH BAY ASBESTOS AREA |
| Address: | FT OF LIBERTY ST GUADALUPE RIV<br>ALVISO, CA 95002 |
| EPA Region: | 09 |
| County: | SANTA CLARA |
| Event Code: | Not reported |
| Actual Date: | 09/30/2011 |
| Contact Name: | Not reported |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 11/18/1993
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 11/18/1993
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: Explanation Of Significant Differences
Action Completion date: 09/28/2011
Operable Unit: 02
Contaminated Media : Air
Engineering Control: Non-fundamental change (ESD)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: Explanation Of Significant Differences
Action Completion date: 09/28/2011
Operable Unit: 02
Contaminated Media : Solid Waste
Engineering Control: Non-fundamental change (ESD)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1988
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Revegetation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1988
Operable Unit: 01

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Contaminated Media : Soil
Engineering Control: Soil Cover
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Debris
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Debris
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Cap
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Dust Suppression
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Impermeable Barrier
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Operations & Maintenance (O&M)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Other, (N.O.S.)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1989
Operable Unit: 02
Contaminated Media : Solid Waste
Engineering Control: Operations & Maintenance (O&M)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: ROD Amendment
Action Completion date: 06/26/1991
Operable Unit: 01
Contaminated Media : Solid Waste
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: ROD Amendment
Action Completion date: 06/26/1991
Operable Unit: 01
Contaminated Media : Solid Waste
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Event Code Description: Not reported

Action ID: 001
Action Name: ROD Amendment
Action Completion date: 06/26/1991
Operable Unit: 01
Contaminated Media : Solid Waste
Engineering Control: Waterline Replacement
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

US INST CONTROL:
EPA ID: CAD980894885
Site ID: 0902250
Name: SOUTH BAY ASBESTOS AREA
Action Name: RECORD OF DECISION
Address: FT OF LIBERTY ST GUADALUPE RIV
ALVISO, CA 95002
EPA Region: 09
County: SANTA CLARA
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: 09/30/1989
Complet. Date: 09/29/1989
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Event Code Description: Not reported

ENVIROSTOR:
Facility ID: 43490060
Status: Active
Status Date: 01/01/1985
Site Code: 200091
Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: 550
NPL: YES
Regulatory Agencies: SMBRP, RWQCB 2 - San Francisco Bay, US EPA, CITY OF SAN JOSE
Lead Agency: US EPA
Program Manager: Mark Piros
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: EPA - Multi-Site Cooperative Agreement
Restricted Use: YES
Site Mgmt Req: FOUN, DAY, HOS, LUC, NOWN, NSUB, SCH, RES
Funding: Responsible Party
Latitude: 37.44105
Longitude: -121.9825
APN: 15-34-27, 15-34-27, 15-34-28, 15-34-28, 15-34-28, 15-34-28, 15-34-43,
15-34-81, 15-34-81, 15-34-82, 15-34-82, 15-34-83, 15-34-83, 15-34-84,

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| | 15-34-84, 15-34-90, 15-34-90 |
| Past Use: | LANDFILL - DOMESTIC |
| Potential COC: | Asbestos Containing Materials (ACM Naturally Occurring Asbestos (NOA |
| Confirmed COC: | Asbestos Containing Materials (ACM Naturally Occurring Asbestos (NOA |
| Potential Description: | SOIL |
| Alias Name: | COLLISHAW PROPERTY |
| Alias Type: | Alternate Name |
| Alias Name: | HIGHWAY 237 DISPOSAL SITE |
| Alias Type: | Alternate Name |
| Alias Name: | LEGACY PARTNERS |
| Alias Type: | Alternate Name |
| Alias Name: | RING LEVEE SCHEDULE |
| Alias Type: | Alternate Name |
| Alias Name: | SAINTE CLAIRE LANDFILL |
| Alias Type: | Alternate Name |
| Alias Name: | SANTOS LANDFILL |
| Alias Type: | Alternate Name |
| Alias Name: | SOUTH BAY ASBESTOS AREA (ALVISO) |
| Alias Type: | Alternate Name |
| Alias Name: | SUMMERSET MOBILE ESTATES |
| Alias Type: | Alternate Name |
| Alias Name: | 15-34-27 |
| Alias Type: | APN |
| Alias Name: | 15-34-27 |
| Alias Type: | APN |
| Alias Name: | 15-34-28 |
| Alias Type: | APN |
| Alias Name: | 15-34-28 |
| Alias Type: | APN |
| Alias Name: | 15-34-28 |
| Alias Type: | APN |
| Alias Name: | 15-34-28 |
| Alias Type: | APN |
| Alias Name: | 15-34-43 |
| Alias Type: | APN |
| Alias Name: | 15-34-81 |
| Alias Type: | APN |
| Alias Name: | 15-34-81 |
| Alias Type: | APN |
| Alias Name: | 15-34-82 |
| Alias Type: | APN |
| Alias Name: | 15-34-82 |
| Alias Type: | APN |
| Alias Name: | 15-34-83 |
| Alias Type: | APN |
| Alias Name: | 15-34-83 |
| Alias Type: | APN |
| Alias Name: | 15-34-84 |
| Alias Type: | APN |
| Alias Name: | 15-34-84 |
| Alias Type: | APN |
| Alias Name: | 15-34-90 |
| Alias Type: | APN |
| Alias Name: | 15-34-90 |
| Alias Type: | APN |
| Alias Name: | 110009329173 |
| Alias Type: | EPA (FRS #) |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Alias Name: 201079
Alias Type: Site Code - Historical
Alias Name: P21003
Alias Type: PCode
Alias Name: 200091
Alias Type: Project Code (Site Code)
Alias Name: 43490060
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Legacy
Completed Document Type: Soils Management Plan
Completed Date: 06/08/2009
Comments: The Soil Management Plan addresses work to be conducted as part of Pacific Gas and Electric's TIVO U/G Service Upgrade project. The project work consists of installing a new power pole and feeders into an existing underground junction box. U.S. EPA approved the Plan on May 28, 2009. DTSC concurred with the Plan on June 8, 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/22/2010
Comments: The U.S. Environmental Protection Agency (EPA) approved the Third Five-Year Review Report. DTSC comments on the draft version of the Report were incorporated in the final version. EPA concluded that the remedy is protective of human health and the environment in the short-term. For the remedy to be protective in the long-term, institutional controls need to be implemented at the Summerset Mobile Estates portion of the former Santos Landfill and the Sainte Claire Landfill. For the Marshland Landfill, EPA needs to prepare an Explanation of Significant Differences that will specify the use of Water Board title 27, California Code of Regulations requirements in lieu of deed restriction as specified in the Record of Decision and that no further controls are needed.

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Saint Claire Landfill Parcels
Completed Document Type: Site Characterization Report
Completed Date: 05/11/2011
Comments: Parcels 015-41-006 and 015-04-015 were formerly operated as the Saint Claire Corporation Landfill. The U.S. EPA Record of Decision required institutional controls to be put in place for these parcels because of the potential presence of asbestos. The Report presents the results of soil sampling performed by the owner of the parcels. Ten soil borings were drilled on the two parcels and a total of 28 soil samples were collected and analyzed for asbestos. Only one of the 28 samples had an asbestos concentration exceeding the 1 percent action levels established by U.S. EPA for the South Bay Asbestos Area. Based on the sampling results, EPA and DTSC have determined that a land use covenant is not needed for the parcels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/10/2015
Comments: The Fourth Five-Year Review Report for the Site was finalized by The

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

U.S. Environmental Protection Agency and was signed by the Acting Assistant Director of the Region 9, Superfund Division on 9/10/2015. The Five-Year Review Report concluded that the Site remedy is protective of human health and the environment. Five recommendations were made in the Five Year Review Report to ensure proper operation of the remedy and continued protectiveness.

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Summerset Mobile Home Estates
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 04/10/2015
Comments: Rutherford MHC Management performed an inspection of the Summerset Mobilehome Park and submitted a report of the inspection to DTSC as required by section 4.06 of the Land Use Covenant to verify compliance with its restrictions and requirements. The report outlined disturbances of the soil that have occurred since the prior report dated September 27, 2012. The report noted that each soil disturbance was performed in compliance with the EPA- and DTSC-approved Soil Management Plan and concluded the property continues to be used in a manner consistent with the Land Use Covenant.

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Summerset Mobile Home Estates
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 09/25/2017
Comments: Rutherford MHC Management submitted a letter to DTSC and U.S. EPA to verify compliance with the Land Use Covenant that was recorded with Santa Clara County for the Summerset Mobile Home Park.

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 09/30/1991
Comments: Issued Orders to four of the Truckyard owners requiring them to pave their respective yards. By late 1992, three of the truckyards removed all asbestos contaminated fill to residential levels. For Neu Truck Yard, the remaining truck yard property, the US EPA will be conducting soil sampling to determine what further action is required. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 08/05/1991
Comments: Not reported

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Legacy
Completed Document Type: Land Use Restriction
Completed Date: 10/21/2004
Comments: Recorded Deed Restrictions.

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Summerset Mobile Home Estates
Completed Document Type: Land Use Restriction
Completed Date: 09/14/2011

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Comments: A Land Use Covenant that places restrictions on the Summerset Mobile Home Park was recorded with the Santa Clara County Recorder. The Covenant allows for the property to continue being used as a mobile home park, but prohibits other sensitive uses and requires a soil manangement for activities that disturb the soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 08/03/2011
Comments: The advisory was provided.

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Summerset Mobile Home Estates
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 10/19/2012
Comments: An inspection was performed and report was submitted by the site owner, as required by section 4.06 of the Land Use Covenant, to verify compliance with its restrictions and requirements. The report documented two projects involving disturbance of the soil. The projects were performed in compliance with the US EPA- and DTSC-approved Soil Management Plan. Site use and activities were found to be in compliance with the Land Use Covenant.

Completed Area Name: OU-2 -Ring Levee
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/27/1997
Comments: Completed RA.

Completed Area Name: OU-2 -Ring Levee
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/06/1994
Comments: Completed RA. In July 1993, US EPA and the responsible parties encapsulated the asbestos contaminated fill in a Highway 237 embankment under construction.

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 06/26/1991
Comments: Issued ROD for the Ring Levee Operable Unit (OU) requiring removal of the entire levee, after flood control improvements on the Coyote Creek were completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/29/1989
Comments: Issued Record of Decision (ROD) for the truckyards/landfill requiring that sampling be conducted on these properties followed by capping or soil removal.

Completed Area Name: OU-2 -Ring Levee
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Completed Date: 09/29/1988
Comments: Not reported

Completed Area Name: OU 1-Main Site
Completed Sub Area Name: Legacy
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 02/27/1989
Comments: Not reported

Completed Area Name: OU-2 -Ring Levee
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 04/30/1986
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 03/30/1986
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/02/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 07/01/1996
Comments: Fact sheet updates the community on the status of the project and the proposed plan to remove the temporay replacement levees.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2020
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Calsite:
Region: BERKELEY
Facility ID: 43490060
Facility Type: NPRP
Type: NPL SITE, RP-FUNDED
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 01011984
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Listed

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| SIC Code: | 49 |
| SIC Name: | ELECTRIC, GAS & SANITARY SERVICES |
| Access: | Not reported |
| Cortese: | Not reported |
| Hazardous Ranking Score: | Not reported |
| Date Site Hazard Ranked: | Not reported |
| Groundwater Contamination: | Unknown |
| Staff Member Responsible for Site: | PLEE1 |
| Supervisor Responsible for Site: | Not reported |
| Region Water Control Board: | SF |
| Region Water Control Board Name: | SAN FRANCISCO BAY |
| Lat/Long Direction: | Not reported |
| Lat/Long (dms): | 0 0 0 / 0 0 0 |
| Lat/long Method: | Not reported |
| Lat/Long Description: | Not reported |
| State Assembly District Code: | 22 |
| State Senate District Code: | 10 |
| Facility ID: | 43490060 |
| Activity: | ORDER |
| Activity Name: | I/SE, IORSE, FFA, FFSRA, VCA, EA |
| AWP Code: | RING |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 09301991 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | RA |
| Activity Name: | REMOVAL ACTION |
| AWP Code: | RING |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 01061994 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 30000 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | N |
| Activity Comments: | REMOVAL OF FLOOD CONTROL DIKE. |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | RA |
| Activity Name: | REMOVAL ACTION |
| AWP Code: | LEVEE |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 05271997 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 15000 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | N |
| Activity Comments: | EXCAVATION, TRANSPORT AND DISPOSAL OF APPROXIMATELY 15,000 CU YDS OFSOIL FROM A TEMPORARY RING LEVEE AT THE NORTH SAN JOSE - ALVISORESERVOIR SITE. |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | CERT |
| Activity Name: | CERTIFICATION |
| AWP Code: | Not reported |
| Proposed Budget: | 0 |
| AWP Completion Date: | 09302005 |
| Revised Due Date: | 07312006 |
| Comments Date: | Not reported |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | ENFFU |
| Activity Name: | ENFORCEMENT FOLLOW UP, AG OR DA REFERRAL, ETC. |
| AWP Code: | SFACT |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 03141997 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | PPP |
| Activity Name: | PUBLIC PARTICIPATION PLAN |
| AWP Code: | Not reported |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 03301986 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | FRIFS |
| Activity Name: | FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY |
| AWP Code: | RING |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 04301986 |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | FRIFS |
| Activity Name: | FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY |
| AWP Code: | LDFL |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 02271989 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | RAP |
| Activity Name: | REMEDIAL ACTION PLAN / RECORD OF DECISION |
| AWP Code: | RING |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 09291988 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | RAP |
| Activity Name: | REMEDIAL ACTION PLAN / RECORD OF DECISION |
| AWP Code: | LDFL |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 09291989 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | RAP |
| Activity Name: | REMEDIAL ACTION PLAN / RECORD OF DECISION |
| AWP Code: | RING |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 06261991 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Facility ID: | 43490060 |
| Activity: | ORDER |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Activity Name: | I/SE, IORSE, FFA, FFSRA, VCA, EA |
| AWP Code: | CNSNT |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 08051991 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | AWP |
| Definition of Status: | ANNUAL WORKPLAN - ACTIVE SITE |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Alternate Address: | ABOUT 5 MILES NORTH OF SAN JOSE |
| Alternate City,St,Zip: | ALVISO, CA 95002 |
| Alternate Address: | FT OF LIBERTY ST GUADALUPE RIV |
| Alternate City,St,Zip: | SAN JOSE, CA 95002 |

Background Info: requirements of the Soil Management Plan (1997). The construction activities included construction of a Cap (consisting of five two-story office buildings, pavement and 18 inches of clean soil in landscaped areas), and installation of a passive gas collection system to remove methane migrating upward from under the Cap. On June 16, 1999, U.S. EPA and Legacy Partners 2335 LLC entered into an Agreement and Covenant Not to Sue for the Collishaw Property. Santos Landfill - A portion of the Santos Landfill is Parcel 1 of the Eastern Parcel Agreement and Covenant Not to Sue which requires a deed restriction. Parcel 2 (not part of Santos Landfill) is part of the Eastern PPA, also requires a deed restiction since asbestos waste piping was found there. The rest of the Santos Landfill is the Summerset Mobile Estates mobile home park and the property located on the northern side of the Guadalupe River. Santos is planning to send U. S. EPA information that shows that the northern property is not part of the Santos Landfill. Sainte Claire Landfill - is located on the northern side of the Guadalupe River and divided into two parcels by Gold Street. The part on the eastern side of Gold Street is operated as a truck yard/storage yard. The part on the western side of Gold Street is undeveloped. Both parcels require a deed restriction as a landfill area that received asbestos waste in the past. Marshland Landfill is regulated under the RWQCB and a deed restriction has been recorded under the RWQCB authority. U.S. EPA and Legacy Partners entered into a Prospective Purchaser Agreement and Covenant Not to Sue for this area (now known as the Highway 237 Disposal Site) which included another Soil Management Plan during construction.
During the 1950s, several landfills in the Alviso area accepted wastes from an asbestos cement pipe manufacturing facility. This

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

waste was later used for raising the grade of the site and for constructing a ring-levee, resulting in asbestos contamination throughout the Alviso area and covering roughly 330 acres. The Site was listed on the Federal Superfund list in 1985. U.S. EPA has been the lead regulatory agency overseeing work. The Site was divided into two operable units - the Ring Levee and the Landfill/Truckyard. On September 30, 1997, U.S. EPA and Lincoln 237 Associates Limited Partnership and Lincoln Property Company No. 2233 Limited Partnership entered into two Prospective Purchaser Agreements and Covenant Not to Sue for the Western Parcel and the Eastern parcel, respectively. The agreements incorporated Soil Management Plans describing soil control measures for asbestos and asbestos containing materials, methane, petroleum hydrocarbons, and lead. A portion of the Santos Landfill is Parcel 1 of the Eastern Parcel. Parcel 2 (not part of Santos Landfill), is the other portion of the Eastern Parcel Agreement and requires a deed restiction since asbestos waste piping was found there. The Final Soil Management Report, dated January 28, 1999, describes the construction activities performed at the Eastern Parcel pursuant to the

Comments Date: 01061994
Comments: Completed RA. In July 1993, US EPA and the responsible parties
Comments Date: 01061994
Comments: encapsulated the asbestos contaminated fill in a Highway 237
Comments Date: 01061994
Comments: embankment under construction.
Comments Date: 05271997
Comments: Completed RA.
Comments Date: 06261991
Comments: Issued ROD for the Ring Levee Operable Unit (OU) requiring
Comments Date: 06261991
Comments: removal of the entire levee, after flood control improvements on
Comments Date: 06261991
Comments: the Coyote Creek were completed.
Comments Date: 09291989
Comments: Issued Record of Decision (ROD) for the truckyards/landfill
Comments Date: 09291989
Comments: requiring that sampling be conducted on these properties
Comments Date: 09291989
Comments: followed by capping or soil removal.
Comments Date: 09301991
Comments: Issued Orders to four of the Truckyard owners requiring them to
Comments Date: 09301991
Comments: pave their respective yards. By late 1992, three of the
Comments Date: 09301991
Comments: truckyards removed all asbestos contaminated fill to residential
Comments Date: 09301991
Comments: levels. For Neu Truck Yard, the remaining truck yard property,
Comments Date: 09301991
Comments: the US EPA will be conducting soil sampling to determine what
Comments Date: 09301991
Comments: further action is required.
Comments Date: 10212004
Comments: Recorded Deed Restrictions.
ID Name: CALSTARS CODE
ID Value: 200091
ID Name: BEP DATABASE PCODE

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

ID Value: P21003
Alternate Name: SOUTH BAY ASBESTOS AREA (ALVISO)
Alternate Name: RING LEVEE SCHEDULE
Alternate Name: SOUTH BAY ASBESTOS AREA
Alternate Name: COLLISHAW PROPERTY
Alternate Name: SANTOS LANDFILL
Alternate Name: SAINTE CLAIRE LANDFILL
Alternate Name: SUMMERSET MOBILE ESTATES
Alternate Name: HIGHWAY 237 DISPOSAL SITE
Alternate Name: LEGACY PARTNERS
Alternate Name: Not reported
Special Programs Code: MSCA
Special Programs Name: MULTI-SITE COOPERATIVE AGREEMENT

DEED:
Envirostor ID: 43490060
Area: OU 1-MAIN SITE
Sub Area: LEGACY
Site Type: FEDERAL SUPERFUND
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 10/21/2004
File Name: Envirostor Land Use Restrictions

Envirostor ID: 43490060
Area: OU 1-MAIN SITE
Sub Area: SUMMERSET MOBILE HOME ESTATES
Site Type: FEDERAL SUPERFUND
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 09/14/2011
File Name: Envirostor Land Use Restrictions

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

PRP:
PRP Name: A. J. RAISCH PAVING CO.
CITY OF SAN JOSE
CITY OF SAN JOSE
ESTATE OF DOROTHY M. SANTOS
GEORGE A. MACIEL
GEORGE MACIEL TRUCKING, INC.
RICHARD P. SANTOS SEPARATE TRUST
SANTOS MANAGEMENT, LLC
SANTOS NON MARITAL TRUST
SANTOS SURVIVORS TRUST
SANTOS/ALVISO PARTNERSHIP, L.P.
T & N PLC
TONI L. ROBINSON SEPARATE TRUST
TONY A. SANTOS SEPARATE TRUST

ICIS:

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

| | |
|---|---|
| Enforcement Action ID: | 09-2011-2519 |
| FRS ID: | 110009329173 |
| Action Name: | US vs. The Santos/Alviso Partnership, L.P., et al |
| Facility Name: | SOUTH BAY ASBESTOS AREA |
| Facility Address: | FT OF LIBERTY ST GUADALUPE RIV<br>ALVISO, CA 95002 |
| Enforcement Action Type: | Civil Judicial Action |
| Facility County: | SANTA CLARA |
| Program System Acronym: | ICIS |
| Enforcement Action Forum Desc: | Judicial |
| EA Type Code: | CIV |
| Facility SIC Code: | Not reported |
| Federal Facility ID: | Not reported |
| Latitude in Decimal Degrees: | 37.42986 |
| Longitude in Decimal Degrees: | -121.9811 |
| Permit Type Desc: | Not reported |
| Program System Acronym: | 33837 |
| Facility NAICS Code: | Not reported |
| Tribal Land Code: | Not reported |

| | |
|---|---|
| Enforcement Action ID: | 09-2000-0045 |
| FRS ID: | 110009329173 |
| Action Name: | SOUTH BAY ASBESTOS ALVISO - AOC #1 |
| Facility Name: | SOUTH BAY ASBESTOS AREA |
| Facility Address: | FT OF LIBERTY ST GUADALUPE RIV<br>ALVISO, CA 95002 |
| Enforcement Action Type: | CERCLA 122h Agrmt For Cost Recovery |
| Facility County: | SANTA CLARA |
| Program System Acronym: | ICIS |
| Enforcement Action Forum Desc: | Administrative - Formal |
| EA Type Code: | 122H |
| Facility SIC Code: | Not reported |
| Federal Facility ID: | Not reported |
| Latitude in Decimal Degrees: | 37.42986 |
| Longitude in Decimal Degrees: | -121.9811 |
| Permit Type Desc: | Not reported |
| Program System Acronym: | 33837 |
| Facility NAICS Code: | Not reported |
| Tribal Land Code: | Not reported |

| | |
|---|---|
| Enforcement Action ID: | 09-1990-0030 |
| FRS ID: | 110009329173 |
| Action Name: | SOUTH BAY ASBESTOS - ALVISO SITE |
| Facility Name: | SOUTH BAY ASBESTOS AREA |
| Facility Address: | FT OF LIBERTY ST GUADALUPE RIV<br>ALVISO, CA 95002 |
| Enforcement Action Type: | Civil Judicial Action |
| Facility County: | SANTA CLARA |
| Program System Acronym: | ICIS |
| Enforcement Action Forum Desc: | Judicial |
| EA Type Code: | CIV |
| Facility SIC Code: | Not reported |
| Federal Facility ID: | Not reported |
| Latitude in Decimal Degrees: | 37.42986 |
| Longitude in Decimal Degrees: | -121.9811 |
| Permit Type Desc: | Not reported |
| Program System Acronym: | 33837 |

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SOUTH BAY ASBESTOS AREA
Address: FT OF LIBERTY ST GUADALUPE RIV
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

CORTESE:
Region: CORTESE
Envirostor Id: 43490060
Site/Facility Type: FEDERAL SUPERFUND - LISTED
Cleanup Status: ACTIVE - LAND USE RESTRICTIONS
Status Date: 01/01/1985
Site Code: 200091
Latitude: 37.441058
Longitude: -121.98254
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Haz Waste & Substances Sites

HIST CORTESE:
Region: CORTESE
Facility County Code: 43

**SOUTH BAY ASBESTOS AREA (Continued)** **1000405018**

Reg By: CALSI
Reg Id: 43490060

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**A6**
**SSE**
**< 1/8**
**0.012 mi.**
**64 ft.**

**WAY OF THE WORLD**
**2302 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054**

**CA CUPA Listings** **S121470400**
**N/A**

**Site 6 of 7 in cluster A**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

CUPA SANTA CLARA:
Region: SANTA CLARA
PE#: 2202
Program Description: GENERATES < 100 KG/YR
Latitude: 37.409565
Longitude: -121.965985
Record ID: PR0316979
Facility ID: FA0211763

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**A7**
**East**
**< 1/8**
**0.022 mi.**
**116 ft.**

**CENTERLINE PRECISION INC**
**2265 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054**

**CA CERS HAZ WASTE** **S121737632**
**CA CERS** **N/A**

**Site 7 of 7 in cluster A**

**Relative:**
**Lower**

**Actual:**
**9 ft.**

CERS HAZ WASTE:
Site ID: 104082
CERS ID: 10086880
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 104082
Site Name: Centerline Precision Inc
Violation Date: 05-03-2018
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: In shed- open drum needs to have tight fitting lid
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 104082
Site Name: Centerline Precision Inc
Violation Date: 05-03-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Update information for the 4 drums
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP

**CENTERLINE PRECISION INC (Continued)** **S121737632**

Violation Source: CERS

Site ID: 104082
Site Name: Centerline Precision Inc
Violation Date: 05-03-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: In shed drums for waste lubricating oil.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 104082
Site Name: Centerline Precision Inc
Violation Date: 05-03-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Done last in 2012
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 104082
Site Name: Centerline Precision Inc
Violation Date: 05-03-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Need to do yearly
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 104082
Site Name: Centerline Precision Inc
Violation Date: 05-03-2018
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.

**CENTERLINE PRECISION INC (Continued)** **S121737632**

| | |
|---|---|
| Violation Notes: | No time shown as there was no waste label on the drums |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1 |
| Violation Description: | Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent. |
| Violation Notes: | Notify the owner of the building that you have a business plan. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | 22 CCR 15 66265.174 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.174 |
| Violation Description: | Failure to inspect weekly, areas where hazardous waste containers are stored or transferred. The owner or operator shall look for leaking containers and for deterioration of containers and the containment system caused by corrosion or other factors. |
| Violation Notes: | Develop a weekly inspection log |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4) |
| Violation Description: | Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste. |
| Violation Notes: | Submit receipts of waste manifest to DTSC |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii) |
| Violation Description: | Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm. |
| Violation Notes: | Post emergency contact information in lobby. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |

**CENTERLINE PRECISION INC (Continued)** **S121737632**

Violation Source: CERS

Site ID: 104082
Site Name: Centerline Precision Inc
Violation Date: 05-03-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Not reported
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 104082
Site Name: Centerline Precision Inc
Violation Date: 05-03-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Need to keep waste manifest receipts of minimum 3 years. ( not invoice bill) but manifest receipts showing where the waste will be disposed of.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 104082
Site Name: Centerline Precision Inc
Violation Date: 05-03-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Update information
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 104082
Site Name: Centerline Precision Inc
Violation Date: 05-03-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Not submitted in 2012
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

**CENTERLINE PRECISION INC (Continued)** **S121737632**

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-03-2018 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-03-2018 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 104082 |
| Facility Name: | Centerline Precision Inc |
| Env Int Type Code: | HWG |
| Program ID: | 10086880 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409977 |
| Longitude: | -121.965335 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Ricardo Rengifo |
| Entity Title: | Not reported |
| Affiliation Address: | 2265 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-4380 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Ricardo Rengifo |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Guadalupe Cortes |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |

**CENTERLINE PRECISION INC (Continued)** **S121737632**

| | |
|---|---|
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Centerline Precision Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-4380 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | CENTERLINE PRECISION INC. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Lafayette Development # 5 |
| Entity Title: | Not reported |
| Affiliation Address: | 505 Laurelwood Road |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 727-0779 |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Ricardo Rengifo |
| Entity Title: | Not reported |
| Affiliation Address: | 2265 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-4380 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |

**CENTERLINE PRECISION INC (Continued)** **S121737632**

Affiliation Address: 2265 Calle Del Mundo
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95054
Affiliation Phone: Not reported

CERS TANKS:
Site ID: 104082
CERS ID: 10086880
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 104082
Site Name: Centerline Precision Inc
Violation Date: 05-03-2018
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: In shed- open drum needs to have tight fitting lid
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 104082
Site Name: Centerline Precision Inc
Violation Date: 05-03-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Update information for the 4 drums
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 104082
Site Name: Centerline Precision Inc
Violation Date: 05-03-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: In shed drums for waste lubricating oil.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

**CENTERLINE PRECISION INC (Continued)** **S121737632**

| | |
|---|---|
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Done last in 2012 |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Need to do yearly |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1) |
| Violation Description: | Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days. |
| Violation Notes: | No time shown as there was no waste label on the drums |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1 |
| Violation Description: | Failure to provide a copy of the business plan to the owner or the owner’s agent within five working days after receiving a request for a copy from the owner or the owner’s agent. |
| Violation Notes: | Notify the owner of the building that you have a business plan. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

**CENTERLINE PRECISION INC (Continued)** **S121737632**

| | |
|---|---|
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | 22 CCR 15 66265.174 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.174 |
| Violation Description: | Failure to inspect weekly, areas where hazardous waste containers are stored or transferred. The owner or operator shall look for leaking containers and for deterioration of containers and the containment system caused by corrosion or other factors. |
| Violation Notes: | Develop a weekly inspection log |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4) |
| Violation Description: | Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste. |
| Violation Notes: | Submit receipts of waste manifest to DTSC |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii) |
| Violation Description: | Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm. |
| Violation Notes: | Post emergency contact information in lobby. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a site map with all required content. |
| Violation Notes: | Not reported |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, |

**CENTERLINE PRECISION INC (Continued)** **S121737632**

| | |
|---|---|
| | Chapter 12, Section(s) 66262.40(a) |
| Violation Description: | Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste. |
| Violation Notes: | Need to keep waste manifest receipts of minimum 3 years. ( not invoice bill) but manifest receipts showing where the waste will be disposed of. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. |
| Violation Notes: | Update information |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 104082 |
| Site Name: | Centerline Precision Inc |
| Violation Date: | 05-03-2018 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material. |
| Violation Notes: | Not submitted in 2012 |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-03-2018 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-03-2018 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

**CENTERLINE PRECISION INC (Continued)** **S121737632**

Coordinates:

| | |
|---|---|
| Site ID: | 104082 |
| Facility Name: | Centerline Precision Inc |
| Env Int Type Code: | HWG |
| Program ID: | 10086880 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409977 |
| Longitude: | -121.965335 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Ricardo Rengifo |
| Entity Title: | Not reported |
| Affiliation Address: | 2265 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-4380 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Ricardo Rengifo |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Guadalupe Cortes |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Centerline Precision Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-4380 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | CENTERLINE PRECISION INC. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |

**CENTERLINE PRECISION INC (Continued)** **S121737632**

| | |
|---|---|
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Lafayette Development # 5 |
| Entity Title: | Not reported |
| Affiliation Address: | 505 Laurelwood Road |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 727-0779 |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Ricardo Rengifo |
| Entity Title: | Not reported |
| Affiliation Address: | 2265 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-4380 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2265 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

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**B8** **NU METAL FINISHING INC** **PA MANIFEST** **S109246767**
**ESE** **2262 CALLE DEL MUNDO** **N/A**
**< 1/8** **SANTA CLARA, CA**
**0.031 mi.**
**166 ft.** **Site 1 of 15 in cluster B**

**Relative:**
**Lower**

**Actual:**
**9 ft.**

Manifest Details:

| | |
|---|---|
| Year: | 2007 |
| Manifest Number: | 000109317JJK |
| Manifest Type: | Not reported |
| Generator EPA Id: | CAD980818488 |
| Generator Date: | 02/08/2007 |

**NU METAL FINISHING INC (Continued)** **S109246767**

| | |
|---|---|
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | DAVID ROLLYSON |
| Contact Phone: | 408-727-1050 |
| TSD EPA Id: | PAD002365849 |
| TSD Date: | Not reported |
| TSD Facility Name: | ABINGTON RELDAN REFINING & RECYCLING INC |
| TSD Facility Address: | 4924 WELLINGTON STREET |
| TSD Facility City: | PHILADELPHIA |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 2 |
| Waste Number: | D002 |
| Container Number: | 1 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 43 |
| Unit: | Pounds |
| Handling Code: | Not reported |
| TSP EPA Id: | Not reported |
| Date TSP Sig: | Not reported |

| | |
|---|---|
| Year: | 2007 |
| Manifest Number: | 000109317JJK |
| Manifest Type: | Not reported |
| Generator EPA Id: | CAD980818488 |
| Generator Date: | 02/08/2007 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | DAVID ROLLYSON |
| Contact Phone: | 408-727-1050 |
| TSD EPA Id: | PAD002365849 |
| TSD Date: | Not reported |
| TSD Facility Name: | ABINGTON RELDAN REFINING & RECYCLING INC |
| TSD Facility Address: | 4924 WELLINGTON STREET |
| TSD Facility City: | PHILADELPHIA |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 1 |
| Waste Number: | D002 |
| Container Number: | 1 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 17 |
| Unit: | Pounds |
| Handling Code: | Not reported |
| TSP EPA Id: | Not reported |
| Date TSP Sig: | Not reported |

**B9 ESE < 1/8 0.031 mi. 166 ft.** | **EPZ INC**
**2262 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054**

**Site 2 of 15 in cluster B**

**RCRA-LQG** | **1000298703**
**CAD980818488**

**Relative: Lower**

**Actual: 9 ft.**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 11/18/2015 |
| Facility name: | EPZ INC |
| Facility address: | 2262 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD980818488 |
| Mailing address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact: | GUILLERMO GUTIERREZ |
| Contact address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-982-9434 |
| Contact email: | EPZINC93@YAHOO.COM |
| EPA Region: | 09 |
| Land type: | Private |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | FRG LLC |
| Owner/operator address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Owner/operator country: | US |
| Owner/operator telephone: | 408-817-0486 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 06/01/2014 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | EPZ INC |
| Owner/operator address: | Not reported<br>Not reported |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |

**EPZ INC (Continued)** **1000298703**

Owner/Operator Type: Operator
Owner/Op start date: 09/01/2015
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM

**EPZ INC (Continued)** **1000298703**

PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Historical Generators:
Date form received by agency: 03/01/2014
Site name: NU-METAL FINSIHING INC.
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 123
. Waste name: Unspecified alkaline solution

. Waste code: 131
. Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

. Waste code: 132
. Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 491
. Waste name: Unspecified sludge waste

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001

**EPZ INC (Continued)** **1000298703**

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS

**EPZ INC (Continued)** **1000298703**

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

. Waste code: P029
. Waste name: COPPER CYANIDE

Date form received by agency: 02/07/2012
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D006
. Waste name: CADMIUM

**EPZ INC (Continued)** **1000298703**

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

. Waste code: P029
. Waste name: COPPER CYANIDE

Date form received by agency: 02/16/2010
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

. Waste code: 121

**EPZ INC (Continued)** **1000298703**

. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 123
. Waste name: Unspecified alkaline solution

. Waste code: 131
. Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D006
. Waste name: CADMIUM

**EPZ INC (Continued)** **1000298703**

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 02/13/2008
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF

**EPZ INC (Continued)** **1000298703**

DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D011
. Waste name: SILVER

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

Date form received by agency: 02/10/2006
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium,

**EPZ INC (Continued)** **1000298703**

beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 123
. Waste name: Unspecified alkaline solution

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 723
. Waste name: Liquids with chromium (VI) > 500 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES

**EPZ INC (Continued)** **1000298703**

WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

**EPZ INC (Continued)** **1000298703**

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

. Waste code: P029
. Waste name: COPPER CYANIDE

. Waste code: P098
. Waste name: POTASSIUM CYANIDE

Date form received by agency: 02/13/2004
Site name: NU-METAL FINISHING INC
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

**EPZ INC (Continued)** **1000298703**

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 02/26/2002
Site name: NU-METAL FINISHING, INC
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/02/1998
Site name: NU METAL FINISHING INC
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: NU METAL FINISHING INC
Classification: Small Quantity Generator

Date form received by agency: 02/29/1996
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/21/1994
Site name: NU-METAL FINISHING, INC.
Classification: Large Quantity Generator

Date form received by agency: 01/28/1992

**EPZ INC (Continued)** **1000298703**

Site name: NU-METAL FINISHING INC
Classification: Large Quantity Generator

Date form received by agency: 03/27/1990
Site name: NU-METAL FINISHING INC
Classification: Large Quantity Generator

Date form received by agency: 11/16/1982
Site name: NU METAL FINISHING INC
Classification: Large Quantity Generator

Date form received by agency: 11/16/1982
Site name: NU METAL FINISHING INC
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/25/2009
Date achieved compliance: 09/30/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/25/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 06/23/2009
Date achieved compliance: 02/17/2010
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 08/07/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 06/23/2009
Date achieved compliance: 02/17/2010
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

**EPZ INC (Continued)** **1000298703**

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 06/23/2009
Date achieved compliance: 02/17/2010
Violation lead agency: EPA
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 10/30/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/06/2006
Date achieved compliance: 06/05/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/06/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 12/07/1994
Date achieved compliance: 01/06/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 12/08/1983
Date achieved compliance: 12/07/1994
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

**EPZ INC (Continued)** **1000298703**

Evaluation Action Summary:

| | |
|---|---|
| Evaluation date: | 08/17/2012 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | State |

| | |
|---|---|
| Evaluation date: | 08/13/2010 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | State |

| | |
|---|---|
| Evaluation date: | 02/17/2010 |
| Evaluation: | NOT A SIGNIFICANT NON-COMPLIER |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | EPA |

| | |
|---|---|
| Evaluation date: | 08/25/2009 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - General |
| Date achieved compliance: | 09/30/2009 |
| Evaluation lead agency: | State |

| | |
|---|---|
| Evaluation date: | 06/23/2009 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - Pre-transport |
| Date achieved compliance: | 02/17/2010 |
| Evaluation lead agency: | EPA |

| | |
|---|---|
| Evaluation date: | 06/23/2009 |
| Evaluation: | SIGNIFICANT NON-COMPLIER |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | EPA |

| | |
|---|---|
| Evaluation date: | 08/16/2006 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | State |

| | |
|---|---|
| Evaluation date: | 04/06/2006 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - General |
| Date achieved compliance: | 06/05/2006 |
| Evaluation lead agency: | Local |

| | |
|---|---|
| Evaluation date: | 02/23/1995 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - General |
| Date achieved compliance: | 06/05/2006 |
| Evaluation lead agency: | State Contractor/Grantee |

| | |
|---|---|
| Evaluation date: | 12/07/1994 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |

**EPZ INC (Continued)** **1000298703**

Area of violation: Generators - General
Date achieved compliance: 01/06/1995
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/08/1983
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/07/1994
Evaluation lead agency: EPA

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**B10 ESE < 1/8 0.031 mi. 166 ft.** | **EPZ, INC.** **2262 CALLE DEL MUNDO** **SANTA CLARA, CA 95054** | **CA CERS HAZ WASTE** **CA CERS** | **S121758716** **N/A**

**Site 3 of 15 in cluster B**

**Relative: Lower**
**Actual: 9 ft.**

CERS HAZ WASTE:
Site ID: 274275
CERS ID: 10623346
CERS Description: Hazardous Waste Onsite Treatment

Violations:
Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 09/30/2009.
Violation Division: Santa Clara City Fire Department
Violation Program: HHW
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description: Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes: Returned to compliance on 09/03/2016. filter press
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain the required documents at the facility where the FTU is operating and upon request make these documents available to authorized agency, DTSC, the CUPA, or EPA, or local government agency.
Violation Notes: Returned to compliance on 09/03/2016. Testing frequency
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

**EPZ, INC. (Continued)** **S121758716**

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51
Violation Description: Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water.
Violation Notes: Returned to compliance on 09/09/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 09/30/2009.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)
Violation Description: Failure to submit a Phase I Checklist to DTSC within one year of commencing operations.
Violation Notes: Returned to compliance on 09/03/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.2(c)(10) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(c)(10)
Violation Description: Failure of the owner or operator of a fixed treatment unit (FTU), upon request by the CUPA or authorized agency, to prepare, and submit to CUPA a complete annual report detailing treatment activities conducted during the calendar year preceding the request.
Violation Notes: Returned to compliance on 09/03/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency

**EPZ, INC. (Continued)** **S121758716**

Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-16-2006
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: LQG INSPECTION
Eval Division: California Environmental Protection Agency
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Santa Clara City
Eval Division: Santa Clara City Fire Department
Eval Program: HHW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP

**EPZ, INC. (Continued)** **S121758716**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2010
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Santa Clara City
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: CE
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Eval Date: | 01-07-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-13-2010 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: City of Santa Clara |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Site Address: | 2262 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 08-25-2009 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | HHW |
| Enf Action Source: | CERS |
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Site Address: | 2262 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 08-25-2009 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | PBR |
| Enf Action Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 274275 |
| Facility Name: | EPZ, Inc. |
| Env Int Type Code: | HWG |
| Program ID: | 10623346 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station. |
| Latitude: | 37.409790 |
| Longitude: | -121.964650 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Entity Name: | Luis Garcia |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Luis Garcia |
| Entity Title: | Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | RACHEL GUTIERREZ |
| Entity Title: | PRESIDENT |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | EPZ, INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 817-0486 |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |

**EPZ, INC. (Continued)** **S121758716**

Affiliation Phone: (408) 615-4970

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2262 Calle Del Mundo
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95054
Affiliation Phone: Not reported

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: HARRY CORL
Entity Title: CHIEF EXECUTIVE OFFICER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Guillermo Gutierrez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 982-9434

Affiliation Type Desc: Environmental Contact
Entity Name: Guillermo Gutierrez
Entity Title: Not reported
Affiliation Address: 2262 Calle Del Mundo
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95051
Affiliation Phone: (408) 817-0486

Affiliation Type Desc: Identification Signer
Entity Name: Guillermo Gutierrez
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Guillermo Gutierrez
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | FRG, LLC. |
| Entity Title: | Not reported |
| Affiliation Address: | 1019 FAIR AVE |
| Affiliation City: | SAN JOSE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95122 |
| Affiliation Phone: | (408) 817-0486 |
| Site ID: | 274275 |
| CERS ID: | 10623346 |
| CERS Description: | Hazardous Waste Generator |

Violations:

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-25-2009 |
| Citation: | HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections |
| Violation Description: | RCRA Large Quantity Generator Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 09/30/2009. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HHW |
| Violation Source: | CERS |
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-09-2016 |
| Citation: | 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7) |
| Violation Description: | Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number. |
| Violation Notes: | Returned to compliance on 09/03/2016. filter press |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-09-2016 |
| Citation: | 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8) |
| Violation Description: | Failure to maintain the required documents at the facility where the FTU is operating and upon request make these documents available to authorized agency, DTSC, the CUPA, or EPA, or local government agency. |
| Violation Notes: | Returned to compliance on 09/03/2016. Testing frequency |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |

**EPZ, INC. (Continued)** **S121758716**

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51
Violation Description: Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water.
Violation Notes: Returned to compliance on 09/09/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 09/30/2009.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)
Violation Description: Failure to submit a Phase I Checklist to DTSC within one year of commencing operations.
Violation Notes: Returned to compliance on 09/03/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.2(c)(10) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(c)(10)
Violation Description: Failure of the owner or operator of a fixed treatment unit (FTU), upon request by the CUPA or authorized agency, to prepare, and submit to CUPA a complete annual report detailing treatment activities conducted during the calendar year preceding the request.
Violation Notes: Returned to compliance on 09/03/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency

**EPZ, INC. (Continued)** **S121758716**

Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-16-2006
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: LQG INSPECTION
Eval Division: California Environmental Protection Agency
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Santa Clara City
Eval Division: Santa Clara City Fire Department
Eval Program: HHW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP

**EPZ, INC. (Continued)** **S121758716**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2010
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Santa Clara City
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: CE
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Eval Date: | 01-07-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-13-2010 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: City of Santa Clara |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Site Address: | 2262 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 08-25-2009 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | HHW |
| Enf Action Source: | CERS |
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Site Address: | 2262 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 08-25-2009 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | PBR |
| Enf Action Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 274275 |
| Facility Name: | EPZ, Inc. |
| Env Int Type Code: | HWG |
| Program ID: | 10623346 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station. |
| Latitude: | 37.409790 |
| Longitude: | -121.964650 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Entity Name: | Luis Garcia |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Luis Garcia |
| Entity Title: | Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | RACHEL GUTIERREZ |
| Entity Title: | PRESIDENT |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | EPZ, INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 817-0486 |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | HARRY CORL |
| Entity Title: | CHIEF EXECUTIVE OFFICER |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 982-9434 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95051 |
| Affiliation Phone: | (408) 817-0486 |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | FRG, LLC. |
| Entity Title: | Not reported |
| Affiliation Address: | 1019 FAIR AVE |
| Affiliation City: | SAN JOSE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95122 |
| Affiliation Phone: | (408) 817-0486 |
| Site ID: | 274275 |
| CERS ID: | 10623346 |
| CERS Description: | RCRA LQ HW Generator |

Violations:

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-25-2009 |
| Citation: | HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections |
| Violation Description: | RCRA Large Quantity Generator Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 09/30/2009. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HHW |
| Violation Source: | CERS |
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-09-2016 |
| Citation: | 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7) |
| Violation Description: | Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number. |
| Violation Notes: | Returned to compliance on 09/03/2016. filter press |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Violation Date: | 08-09-2016 |
| Citation: | 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8) |
| Violation Description: | Failure to maintain the required documents at the facility where the FTU is operating and upon request make these documents available to authorized agency, DTSC, the CUPA, or EPA, or local government agency. |
| Violation Notes: | Returned to compliance on 09/03/2016. Testing frequency |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |

**EPZ, INC. (Continued)** **S121758716**

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51
Violation Description: Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water.
Violation Notes: Returned to compliance on 09/09/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 09/30/2009.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)
Violation Description: Failure to submit a Phase I Checklist to DTSC within one year of commencing operations.
Violation Notes: Returned to compliance on 09/03/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.2(c)(10) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(c)(10)
Violation Description: Failure of the owner or operator of a fixed treatment unit (FTU), upon request by the CUPA or authorized agency, to prepare, and submit to CUPA a complete annual report detailing treatment activities conducted during the calendar year preceding the request.
Violation Notes: Returned to compliance on 09/03/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency

**EPZ, INC. (Continued)** **S121758716**

Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-16-2006
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: LQG INSPECTION
Eval Division: California Environmental Protection Agency
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Santa Clara City
Eval Division: Santa Clara City Fire Department
Eval Program: HHW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP

**EPZ, INC. (Continued)** **S121758716**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2010
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Santa Clara City
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: CE
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Eval Date: | 01-07-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-13-2010 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: City of Santa Clara |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Site Address: | 2262 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 08-25-2009 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | HHW |
| Enf Action Source: | CERS |
| Site ID: | 274275 |
| Site Name: | EPZ, Inc. |
| Site Address: | 2262 CALLE DEL MUNDO |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 08-25-2009 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | PBR |
| Enf Action Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 274275 |
| Facility Name: | EPZ, Inc. |
| Env Int Type Code: | HWG |
| Program ID: | 10623346 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station. |
| Latitude: | 37.409790 |
| Longitude: | -121.964650 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Entity Name: | Luis Garcia |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Luis Garcia |
| Entity Title: | Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | RACHEL GUTIERREZ |
| Entity Title: | PRESIDENT |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | EPZ, INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 817-0486 |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | HARRY CORL |
| Entity Title: | CHIEF EXECUTIVE OFFICER |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 982-9434 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95051 |
| Affiliation Phone: | (408) 817-0486 |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |

**EPZ, INC. (Continued)** **S121758716**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: FRG, LLC.
Entity Title: Not reported
Affiliation Address: 1019 FAIR AVE
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95122
Affiliation Phone: (408) 817-0486

CERS TANKS:
Site ID: 274275
CERS ID: 10623346
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 09/30/2009.
Violation Division: Santa Clara City Fire Department
Violation Program: HHW
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description: Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes: Returned to compliance on 09/03/2016. filter press
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain the required documents at the facility where the FTU is operating and upon request make these documents available to authorized agency, DTSC, the CUPA, or EPA, or local government agency.
Violation Notes: Returned to compliance on 09/03/2016. Testing frequency
Violation Division: Santa Clara City Fire Department

**EPZ, INC. (Continued)** **S121758716**

Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51
Violation Description: Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water.
Violation Notes: Returned to compliance on 09/09/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-25-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 09/30/2009.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)
Violation Description: Failure to submit a Phase I Checklist to DTSC within one year of commencing operations.
Violation Notes: Returned to compliance on 09/03/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Violation Date: 08-09-2016
Citation: 22 CCR 45 67450.2(c)(10) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(c)(10)
Violation Description: Failure of the owner or operator of a fixed treatment unit (FTU), upon request by the CUPA or authorized agency, to prepare, and submit to CUPA a complete annual report detailing treatment activities conducted during the calendar year preceding the request.
Violation Notes: Returned to compliance on 09/03/2016.
Violation Division: Santa Clara City Fire Department
Violation Program: PBR
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Eval Date: | 01-07-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-09-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-16-2006 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: LQG INSPECTION |
| Eval Division: | California Environmental Protection Agency |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-17-2012 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-25-2009 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspector Name: Santa Clara City |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HHW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-09-2016 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |

**EPZ, INC. (Continued)** **S121758716**

Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2010
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2012
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Santa Clara City
Eval Division: Santa Clara City Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: CE
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP

**EPZ, INC. (Continued)** **S121758716**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2010
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: City of Santa Clara
Eval Division: Santa Clara City Fire Department
Eval Program: HWLQG
Eval Source: CERS

Enforcement Action:
Site ID: 274275
Site Name: EPZ, Inc.
Site Address: 2262 CALLE DEL MUNDO
Site City: SANTA CLARA
Site Zip: 95054
Enf Action Date: 08-25-2009
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara City Fire Department
Enf Action Program: HHW
Enf Action Source: CERS

Site ID: 274275
Site Name: EPZ, Inc.
Site Address: 2262 CALLE DEL MUNDO
Site City: SANTA CLARA
Site Zip: 95054
Enf Action Date: 08-25-2009
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Santa Clara City Fire Department
Enf Action Program: PBR
Enf Action Source: CERS

Coordinates:
Site ID: 274275
Facility Name: EPZ, Inc.
Env Int Type Code: HWG
Program ID: 10623346
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.409790
Longitude: -121.964650

**EPZ, INC. (Continued)** **S121758716**

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Luis Garcia |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Luis Garcia |
| Entity Title: | Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | RACHEL GUTIERREZ |
| Entity Title: | PRESIDENT |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | EPZ, INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 817-0486 |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | HARRY CORL |
| Entity Title: | CHIEF EXECUTIVE OFFICER |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 982-9434 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Not reported |
| Affiliation Address: | 2262 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95051 |
| Affiliation Phone: | (408) 817-0486 |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Guillermo Gutierrez |
| Entity Title: | President |

**EPZ, INC. (Continued)** **S121758716**

| | |
|---|---|
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | FRG, LLC. |
| Entity Title: | Not reported |
| Affiliation Address: | 1019 FAIR AVE |
| Affiliation City: | SAN JOSE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95122 |
| Affiliation Phone: | (408) 817-0486 |

---

**B11**
**ESE**
**< 1/8**
**0.031 mi.**
**166 ft.**

**Relative:**
**Lower**

**Actual:**
**9 ft.**

**NU-METAL FINISHING**
**2262 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054**

**Site 4 of 15 in cluster B**

**CA ENVIROSTOR** **S100216238**
**CA CHMIRS** **N/A**
**CA EMI**
**CA HIST CORTESE**
**CA NPDES**
**CA WDS**
**CA CIWQS**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71002694 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.40976 |
| Longitude: | -121.9646 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAD980818488 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 71002694 |
| Alias Type: | Envirostor ID Number |

**NU-METAL FINISHING (Continued)** **S100216238**

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Phase 1 |
| Completed Date: | 08/22/2016 |
| Comments: | Based on the owner's certification, no action is required. DTSC has not validated this information. |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

CHMIRS:

| | |
|---|---|
| OES Incident Number: | 802678 |
| OES notification: | Not reported |
| OES Date: | Not reported |
| OES Time: | Not reported |
| **Date Completed:** | **24-AUG-88** |
| Property Use: | 700 |
| Agency Id Number: | 43090 |
| Agency Incident Number: | 884219 |
| Time Notified: | 653 |
| Time Completed: | 858 |
| Surrounding Area: | 700 |
| Estimated Temperature: | 70 |
| Property Management: | P |
| More Than Two Substances Involved?: | N |
| Resp Agncy Personel # Of Decontaminated: | Not reported |
| Responding Agency Personel # Of Injuries: | Not reported |
| Responding Agency Personel # Of Fatalities: | Not reported |
| Others Number Of Decontaminated: | Not reported |
| Others Number Of Injuries: | Not reported |
| Others Number Of Fatalities: | Not reported |
| Vehicle Make/year: | Not reported |
| Vehicle License Number: | Not reported |
| Vehicle State: | Not reported |
| Vehicle Id Number: | Not reported |
| CA DOT PUC/ICC Number: | Not reported |
| Company Name: | Not reported |
| Reporting Officer Name/ID: | DAVID PARKER |
| Report Date: | 24-AUG-88 |
| Facility Telephone: | 408 984-3084 |
| Waterway Involved: | Not reported |
| Waterway: | Not reported |
| Spill Site: | Not reported |
| Cleanup By: | Not reported |
| Containment: | Not reported |
| What Happened: | Not reported |
| Type: | Not reported |
| Measure: | Not reported |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| Other: | Not reported |
| Date/Time: | Not reported |
| Year: | 88-92 |
| Agency: | Not reported |
| Incident Date: | 24-AUG-88 |
| Admin Agency: | Not reported |
| Amount: | Not reported |
| Contained: | Not reported |
| Site Type: | Not reported |
| E Date: | Not reported |
| Substance: | Not reported |
| Unknown: | Not reported |
| Substance #2: | Not reported |
| Substance #3: | Not reported |
| Evacuations: | Not reported |
| Number of Injuries: | Not reported |
| Number of Fatalities: | Not reported |
| #1 Pipeline: | Not reported |
| #2 Pipeline: | Not reported |
| #3 Pipeline: | Not reported |
| #1 Vessel >= 300 Tons: | Not reported |
| #2 Vessel >= 300 Tons: | Not reported |
| #3 Vessel >= 300 Tons: | Not reported |
| Evacs: | Not reported |
| Injuries: | Not reported |
| Fatals: | Not reported |
| Comments: | Y |
| Description: | Not reported |

EMI:

| | |
|---|---|
| Year: | 1987 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3479 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1990 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3479 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 4 |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1998 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1999 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2000 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| Year: | 2001 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2002 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2003 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2004 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.185 |
| Reactive Organic Gases Tons/Yr: | 0.074 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2005 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .185 |
| Reactive Organic Gases Tons/Yr: | .074 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2006 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .363 |
| Reactive Organic Gases Tons/Yr: | .1452 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2007 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .363 |
| Reactive Organic Gases Tons/Yr: | .1452 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2008 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .363 |
| Reactive Organic Gases Tons/Yr: | .1452 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2009 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.36299999999999999 |
| Reactive Organic Gases Tons/Yr: | 0.1452 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2010 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2.5999999999999999E-2 |
| Reactive Organic Gases Tons/Yr: | 0.0104 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2011 |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.026 |
| Reactive Organic Gases Tons/Yr: | 0.0104 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2012 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.026 |
| Reactive Organic Gases Tons/Yr: | 0.0104 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.001 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2013 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 2527 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.026 |
| Reactive Organic Gases Tons/Yr: | 0.0104 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2014 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 22529 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 8.492e-006 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 2.088e-005 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.000109502 |
| SOX - Oxides of Sulphur Tons/Yr: | 1.09e-007 |
| Particulate Matter Tons/Yr: | 9.9015e-005 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 6.4705e-005 |

HIST CORTESE:

| | |
|---|---|
| Region: | CORTESE |
| Facility County Code: | 43 |
| Reg By: | LTNKA |
| Reg Id: | 2527 |

NPDES:

| | |
|---|---|
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 2 43I006686 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Terminated |
| Status Date: | 10/06/2015 |
| Operator Name: | Nu Metal Finishing Inc |
| Operator Address: | PO Box 4117 |
| Operator City: | Santa Clara |
| Operator State: | California |
| Operator Zip: | 95056 |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | CAS000001 |
| Status: | Terminated |
| Agency Number: | 0 |
| Region: | 2 |
| Regulatory Measure ID: | 183882 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 2 43I006686 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 05/01/1992 |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | 07/31/2015 |
| Discharge Name: | Nu Metal Finishing Inc |
| Discharge Address: | PO Box 4117 |
| Discharge City: | Santa Clara |
| Discharge State: | California |
| Discharge Zip: | 95056 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 2 |
| Regulatory Measure ID: | 183882 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 2 43I006686 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | 07/31/2015 |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 05/01/1992 |
| Status: | Terminated |
| Status Date: | 10/06/2015 |
| Place Size: | 21000 |
| Place Size Unit: | Acres |
| Contact: | Harry Corl Jr |
| Contact Title: | Not reported |
| Contact Phone: | 408-727-1050 |
| Contact Phone Ext: | Not reported |
| Contact Email: | kristen@nu-metal.com |
| Operator Name: | Nu Metal Finishing Inc |
| Operator Address: | PO Box 4117 |
| Operator City: | Santa Clara |
| Operator State: | California |
| Operator Zip: | 95056 |
| Operator Contact: | Harry Col |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | 408-727-1050 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | harry@nu-metal.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Texas |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 408-727-1050 |

**NU-METAL FINISHING (Continued)** **S100216238**

| | |
|---|---|
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Guadalupe River |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | 3471-Electroplating, Plating, Polishing, Anodizing, and Coloring |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

WDS:

| | |
|---|---|
| Facility ID: | San Francisco Bay 43I006686 |
| Facility Type: | Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping. |
| Facility Status: | Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. |
| NPDES Number: | CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board |
| Subregion: | 2 |
| Facility Telephone: | 4087271050 |
| Facility Contact: | MARK DANITSCHEK |
| Agency Name: | NUMETAL FINISHING INC |
| Agency Address: | 2262 Calle Del Mundo |
| Agency City,St,Zip: | Santa Clara 950541033 |
| Agency Contact: | MARK DANITSCHEK |
| Agency Telephone: | 4087271050 |
| Agency Type: | Private |
| SIC Code: | 0 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Not reported |
| Primary Waste: | Not reported |
| Waste Type2: | Not reported |
| Waste2: | Not reported |
| Primary Waste Type: | Not reported |
| Secondary Waste: | Not reported |
| Secondary Waste Type: | Not reported |

**NU-METAL FINISHING (Continued)** **S100216238**

Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

| | |
|---|---|
| Agency: | Nu Metal Finishing Inc |
| Agency Address: | PO Box 4117, Santa Clara, CA 95056 |
| Place/Project Type: | Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring |
| SIC/NAICS: | 3471 |
| Region: | 2 |
| Program: | INDSTW |
| Regulatory Measure Status: | Terminated |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 2 43I006686 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 05/01/1992 |
| Termination Date: | 07/31/2015 |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 37.40987 |
| Longitude: | -121.96561 |

---

**B12** **NU-METAL FINISHING INC** **CA CUPA Listings** **S118236422**
**ESE** **2262 CALLE DEL MUNDO** **CA HAZNET** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.031 mi.**
**166 ft.** **Site 5 of 15 in cluster B**

**Relative:**
**Lower**

**Actual:**
**9 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2207 |
| Program Description: | GENERATES 25 TO <50 TONS/YR |
| Latitude: | 37.40979 |
| Longitude: | -121.965312 |
| Record ID: | PR0313131 |
| Facility ID: | FA0211750 |

**NU-METAL FINISHING INC (Continued)** **S118236422**

HAZNET:

| | |
|---|---|
| envid: | S118236422 |
| Year: | 2015 |
| GEPAID: | CAL000397925 |
| Contact: | RACHEL GUTIERREZ |
| Telephone: | 4082095149 |
| Mailing Name: | Not reported |
| Mailing Address: | 2262 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Santa Clara |
| TSD EPA ID: | CAD982052797 |
| TSD County: | Santa Clara |
| Waste Category: | Liquids with cyanides >= 1,000 Mg./L |
| Disposal Method: | Metals Recovery Including Retoring,Smelting,Chemicals,Ect |
| Tons: | 1.3761 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S118236422 |
| Year: | 2015 |
| GEPAID: | CAL000397925 |
| Contact: | RACHEL GUTIERREZ |
| Telephone: | 4082095149 |
| Mailing Name: | Not reported |
| Mailing Address: | 2262 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Santa Clara |
| TSD EPA ID: | NVT330010000 |
| TSD County: | 99 |
| Waste Category: | Liquids with nickel >= 134 Mg./L |
| Disposal Method: | Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 5.73375 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S118236422 |
| Year: | 2015 |
| GEPAID: | CAL000397925 |
| Contact: | RACHEL GUTIERREZ |
| Telephone: | 4082095149 |
| Mailing Name: | Not reported |
| Mailing Address: | 2262 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Santa Clara |
| TSD EPA ID: | NVT330010000 |
| TSD County: | 99 |
| Waste Category: | Other inorganic solid waste |
| Disposal Method: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Tons: | 2.9098 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

**NU-METAL FINISHING INC (Continued)** **S118236422**

envid: S118236422
Year: 2015
GEPAID: CAL000397925
Contact: RACHEL GUTIERREZ
Telephone: 4082095149
Mailing Name: Not reported
Mailing Address: 2262 CALLE DEL MUNDO
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Santa Clara
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Unspecified alkaline solution
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons: 1.14675
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: S118236422
Year: 2015
GEPAID: CAL000397925
Contact: RACHEL GUTIERREZ
Telephone: 4082095149
Mailing Name: Not reported
Mailing Address: 2262 CALLE DEL MUNDO
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Santa Clara
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Alkaline solution (pH >= 12.5) with metals
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons: 0.93825
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

---

**C13** **LP GLASSBLOWING, INC.** **CA CERS HAZ WASTE** **S121742753**
**SSW** **2330 CALLE DEL MUNDO** **CA CERS** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.031 mi.**
**166 ft.** **Site 1 of 7 in cluster C**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

CERS HAZ WASTE:
Site ID: 131642
CERS ID: 10087306
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 131642
Site Name: LP Glassblowing, Inc.
Violation Date: 02-27-2014
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5

**LP GLASSBLOWING, INC. (Continued)** **S121742753**

Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 03/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 131642
Site Name: LP Glassblowing, Inc.
Violation Date: 02-27-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 131642
Site Name: LP Glassblowing, Inc.
Violation Date: 02-28-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Not reported
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

**LP GLASSBLOWING, INC. (Continued)** **S121742753**

| | |
|---|---|
| Eval Date: | 02-28-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 131642 |
| Facility Name: | LP Glassblowing, Inc. |
| Env Int Type Code: | HWG |
| Program ID: | 10087306 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409241 |
| Longitude: | -121.966316 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Ray Cano |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | L.P. Glassblowing Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-7561 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Leopold Pivk |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-7561 |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |

**LP GLASSBLOWING, INC. (Continued)** **S121742753**

| | |
|---|---|
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Leopold Pivk |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-7561 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | L.P. Glassblowing, Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Ray Cano |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-8982 |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Ray Cano |
| Entity Title: | Maint Super |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

CERS TANKS:

| | |
|---|---|
| Site ID: | 131642 |
| CERS ID: | 10087306 |

**LP GLASSBLOWING, INC. (Continued)** **S121742753**

CERS Description: Chemical Storage Facilities

Violations:

Site ID: 131642
Site Name: LP Glassblowing, Inc.
Violation Date: 02-27-2014
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 03/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 131642
Site Name: LP Glassblowing, Inc.
Violation Date: 02-27-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 131642
Site Name: LP Glassblowing, Inc.
Violation Date: 02-28-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Not reported
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2014

**LP GLASSBLOWING, INC. (Continued)** **S121742753**

| | |
|---|---|
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-28-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 131642 |
| Facility Name: | LP Glassblowing, Inc. |
| Env Int Type Code: | HWG |
| Program ID: | 10087306 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409241 |
| Longitude: | -121.966316 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Ray Cano |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | L.P. Glassblowing Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-7561 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Leopold Pivk |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-7561 |

**LP GLASSBLOWING, INC. (Continued)** **S121742753**

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Leopold Pivk |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-7561 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | L.P. Glassblowing, Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Ray Cano |
| Entity Title: | Not reported |
| Affiliation Address: | 2322 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-8982 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Ray Cano |
| Entity Title: | Maint Super |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |

**LP GLASSBLOWING, INC. (Continued)** **S121742753**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

---

**B14**
**East**
**< 1/8**
**0.032 mi.**
**169 ft.**

**CLARK PRECISION SHEETMETAL**
**2275 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054**

**CA CERS HAZ WASTE** **S121738171**
**CA CERS** **N/A**

**Site 6 of 15 in cluster B**

**Relative:**
**Lower**

**Actual:**
**9 ft.**

CERS HAZ WASTE:
Site ID: 106620
CERS ID: 10088638
CERS Description: Hazardous Waste Generator

Coordinates:
Site ID: 106620
Facility Name: Clark Precision Sheetmetal
Env Int Type Code: HWG
Program ID: 10088638
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.409911
Longitude: -121.965532

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title: Not reported
Affiliation Address: 1675 Lincoln Street
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95050
Affiliation Phone: (408) 615-4970

Affiliation Type Desc: Document Preparer
Entity Name: Diana Hummel
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Bruce W Clark
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Bruce W Clark

**CLARK PRECISION SHEETMETAL (Continued)** **S121738171**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | United States |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 432-3332 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Brian W Clark |
| Entity Title: | Not reported |
| Affiliation Address: | Same as above |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-7641 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Clark Precision Sheetmetal |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

CERS TANKS:

| | |
|---|---|
| Site ID: | 106620 |
| CERS ID: | 10088638 |
| CERS Description: | Chemical Storage Facilities |

Coordinates:

| | |
|---|---|
| Site ID: | 106620 |
| Facility Name: | Clark Precision Sheetmetal |
| Env Int Type Code: | HWG |
| Program ID: | 10088638 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409911 |
| Longitude: | -121.965532 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Diana Hummel |

**CLARK PRECISION SHEETMETAL (Continued)** **S121738171**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Bruce W Clark |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Bruce W Clark |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | United States |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 432-3332 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Brian W Clark |
| Entity Title: | Not reported |
| Affiliation Address: | Same as above |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-7641 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Clark Precision Sheetmetal |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**B15 East < 1/8 0.032 mi. 169 ft.** | **CLARK PRECISION SHEETMETAL**
**2275 CALLE DEL MUNDO AVENUE**
**SANTA CLARA, CA 95054** | **RCRA-SQG FINDS ECHO** | **1000363383 CAD092617745**

**Site 7 of 15 in cluster B**

**Relative: Lower**

**Actual: 9 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 05/27/1986 |
| Facility name: | CLARK PRECISION SHEETMETAL |
| Facility address: | 2275 CALLE DEL MUNDO AVENUE<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD092617745 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2275 CALLE DEL MUNDO AVENUE<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-988-7641 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | LOIS CLARK |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |

**CLARK PRECISION SHEETMETAL (Continued)** **1000363383**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002663788

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000363383
Registry ID: 110002663788
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002663788

---

**C16** **WATTS MACHINING INC.** **CA CERS HAZ WASTE** **S121792906**
**SW** **2339 CALLE DEL MUNDO** **CA CERS** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.053 mi.**
**281 ft.** **Site 2 of 7 in cluster C**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

CERS HAZ WASTE:
Site ID: 84874
CERS ID: 10087690
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 84874
Site Name: Watts Machining Inc.
Violation Date: 05-29-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 07/28/2014.

**WATTS MACHINING INC. (Continued)** **S121792906**

| | |
|---|---|
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-29-2014 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-29-2014 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-29-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 84874 |
| Facility Name: | Watts Machining Inc. |
| Env Int Type Code: | HWG |
| Program ID: | 10087690 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409492 |
| Longitude: | -121.966790 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Doug Watts |
| Entity Title: | Not reported |

**WATTS MACHINING INC. (Continued)** **S121792906**

| | |
|---|---|
| Affiliation Address: | 2339 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 654-9300 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Watts Machining Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Bob Hazle |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Bob Hazle |
| Entity Title: | Not reported |
| Affiliation Address: | 2339 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 654-9300 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Bob Hazle |
| Entity Title: | General Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Doug Watts |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 654-9300 |

**WATTS MACHINING INC. (Continued)** **S121792906**

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2339 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

CERS TANKS:

| | |
|---|---|
| Site ID: | 84874 |
| CERS ID: | 10087690 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 84874 |
| Site Name: | Watts Machining Inc. |
| Violation Date: | 05-29-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Returned to compliance on 07/28/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-29-2014 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-29-2014 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-29-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

**WATTS MACHINING INC. (Continued)** **S121792906**

Coordinates:

| | |
|---|---|
| Site ID: | 84874 |
| Facility Name: | Watts Machining Inc. |
| Env Int Type Code: | HWG |
| Program ID: | 10087690 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409492 |
| Longitude: | -121.966790 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Doug Watts |
| Entity Title: | Not reported |
| Affiliation Address: | 2339 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 654-9300 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Watts Machining Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Bob Hazle |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Bob Hazle |
| Entity Title: | Not reported |
| Affiliation Address: | 2339 Calle Del Mundo |
| Affiliation City: | Santa Clara |

**WATTS MACHINING INC. (Continued)** **S121792906**

| | |
|---|---|
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 654-9300 |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Bob Hazle |
| Entity Title: | General Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Doug Watts |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 654-9300 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2339 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

---

**C17**
**SW**
**< 1/8**
**0.053 mi.**
**281 ft.**

**WATTS MACHINING, INC.**
**2339 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054**

**CA CPS-SLIC** **S113098632**
**CA HAZNET** **N/A**
**CA CERS**

**Site 3 of 7 in cluster C**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

CPS-SLIC:

| | |
|---|---|
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 06/13/2016 |
| Global Id: | T10000008100 |
| Lead Agency: | SAN FRANCISCO BAY RWQCB (REGION 2) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 37.40981 |
| Longitude: | -121.96669 |
| Case Type: | Cleanup Program Site |
| Case Worker: | Not reported |
| Local Agency: | Not reported |
| RB Case Number: | 43S0787 |
| File Location: | All Files are on GeoTracker or in the Local Agency Database |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Tetrachloroethylene (PCE), Trichloroethylene (TCE) |

**WATTS MACHINING, INC. (Continued)** **S113098632**

Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HAZNET:

envid: S113098632
Year: 2007
GEPAID: CAL000188404
Contact: BOB HAZLE\\\\ GEN MGR
Telephone: 4086549300
Mailing Name: Not reported
Mailing Address: 2339 CALLE DEL MUNDO
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.45
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: S113098632
Year: 2007
GEPAID: CAL000188404
Contact: BOB HAZLE\\\\ GEN MGR
Telephone: 4086549300
Mailing Name: Not reported
Mailing Address: 2339 CALLE DEL MUNDO
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 2.81
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: S113098632
Year: 2006
GEPAID: CAL000188404
Contact: BOB HAZLE\\ GEN MGR
Telephone: 4086549300
Mailing Name: Not reported
Mailing Address: 2339 CALLE DEL MUNDO
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Recycler
Tons: 0.22

**WATTS MACHINING, INC. (Continued)** **S113098632**

Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: S113098632
Year: 2006
GEPAID: CAL000188404
Contact: BOB HAZLE\\ GEN MGR
Telephone: 4086549300
Mailing Name: Not reported
Mailing Address: 2339 CALLE DEL MUNDO
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.58
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: S113098632
Year: 2006
GEPAID: CAL000188404
Contact: BOB HAZLE\\ GEN MGR
Telephone: 4086549300
Mailing Name: Not reported
Mailing Address: 2339 CALLE DEL MUNDO
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.43
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
30 additional CA_HAZNET: record(s) in the EDR Site Report.

CERS TANKS:
Site ID: 361695
CERS ID: T10000008100
CERS Description: Cleanup Program Site

**C18 SSW < 1/8 0.054 mi. 284 ft.** | **W&K AUTOMOTIVE**
**2338 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054**

**Site 4 of 7 in cluster C**

**CA CUPA Listings** | **S121470405**
**N/A**

**Relative: Higher**

**Actual: 11 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2201 |
| Program Description: | GENERATES WASTE OIL ONLY |
| Latitude: | 37.409363 |
| Longitude: | -121.966592 |
| Record ID: | PR0315061 |
| Facility ID: | FA0211786 |

---

**C19 WSW < 1/8 0.060 mi. 316 ft.** | **ALZETA CORPORATION**
**2343 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054**

**Site 5 of 7 in cluster C**

**RCRA-SQG**
**CA CERS HAZ WASTE**
**FINDS**
**ECHO**
**CA EMI**
**CA HAZNET**
**CA NPDES**
**CA WDS**
**CA CIWQS**
**CA CERS**

**1000223695**
**CAD981652936**

**Relative: Higher**

**Actual: 11 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 09/10/1986 |
| Facility name: | ALZETA CORPORATION |
| Facility address: | 2343 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD981652936 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2343 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-727-8282 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | R.M.K. AND ASSOCIATES |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

**ALZETA CORPORATION (Continued)** **1000223695**

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

CERS HAZ WASTE:
Site ID: 4866
CERS ID: 10084495
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 4866
Site Name: ALZETA CORPORATION
Violation Date: 05-17-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Update Emergency Response Plan
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 4866
Site Name: ALZETA CORPORATION
Violation Date: 05-17-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| | at or above reportable quantities. |
| Violation Notes: | Include 500 gal tanks for the chemical process tanks. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 4866 |
| Site Name: | ALZETA CORPORATION |
| Violation Date: | 05-17-2018 |
| Citation: | 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11 |
| Violation Description: | Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method. |
| Violation Notes: | The analytical report for the sludge waste generated during process shows a higher level of Chromium than the STLC level of 5ml/kg. Additional testing will be required and represented sample shall be taken every 3 months for the next year to properly classify the waste as non-hazardous waste. If you have questions, please contact me to set up a meeting. The analytical report for the sludge waste was under the TTLC, however, the threshold limit concentration (STLC) shows a higher level of Chromium (greater than 50mg/kg) additional testing will be required. Representative samples shall be taken every 3 months for the next year to properly classify the waste as below STLC limit. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 4866 |
| Site Name: | ALZETA CORPORATION |
| Violation Date: | 05-17-2018 |
| Citation: | 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34 |
| Violation Description: | Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies) . 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment . 3) Lamps shall be marked with Universal Waste-Lamp(s) . 4)Each electronic devices or the container or the designated area shall be marked with Universal Waste-Electronic Device(s) . 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s) . 6) CRT glass or the designated area shall be marked with Universal Waste-CRT glass . |
| Violation Notes: | Provide a lid or cover for the container /boxes. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-17-2018 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-17-2018 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 4866 |
| Facility Name: | ALZETA CORPORATION |
| Env Int Type Code: | HWG |
| Program ID: | 10084495 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409725 |
| Longitude: | -121.967171 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | John D. Sullivan, President |
| Entity Title: | Not reported |
| Affiliation Address: | 2343 Calle del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054-1028 |
| Affiliation Phone: | (408) 727-8283 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2343 Calle del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054-1028 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Steve Egli |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Steve Egli |
| Entity Title: | CFO |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | RMK & Assoc / Tom Kendall |
| Entity Title: | Not reported |
| Affiliation Address: | 419 Buel Avenue |
| Affiliation City: | Pacifica |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 94044 |
| Affiliation Phone: | (650) 355-7767 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Steve Egli |
| Entity Title: | Not reported |
| Affiliation Address: | 2343 Calle del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054-1028 |
| Affiliation Phone: | (408) 727-8283 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Steve Egli or Greg Shouse |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 727-8282 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | ALZETA CORPORATION |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

FINDS:

**ALZETA CORPORATION (Continued)** **1000223695**

Registry ID: 110001163981

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

HAZARDOUS AIR POLLUTANT MAJOR

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Registry ID: 110070087606

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000223695 |
| Registry ID: | 110070087606 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110070087606 |

| | |
|---|---|
| Envid: | 1000223695 |
| Registry ID: | 110001163981 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110001163981 |

EMI:

| | |
|---|---|
| Year: | 1987 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1990 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1993 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1996 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Year: | 1997 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1998 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1999 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2000 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2003 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2004 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.011 |
| Reactive Organic Gases Tons/Yr: | 0.0092691 |
| Carbon Monoxide Emissions Tons/Yr: | 0.021 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.083 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.002 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.001148 |

| | |
|---|---|
| Year: | 2005 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .01 |
| Reactive Organic Gases Tons/Yr: | .0084219 |
| Carbon Monoxide Emissions Tons/Yr: | .021 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| NOX - Oxides of Nitrogen Tons/Yr: | .083 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .002 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .001148 |

| | |
|---|---|
| Year: | 2006 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .065 |
| Reactive Organic Gases Tons/Yr: | .0550179 |
| Carbon Monoxide Emissions Tons/Yr: | .021 |
| NOX - Oxides of Nitrogen Tons/Yr: | .083 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .002 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .001148 |

| | |
|---|---|
| Year: | 2007 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .01 |
| Reactive Organic Gases Tons/Yr: | .0084219 |
| Carbon Monoxide Emissions Tons/Yr: | .023 |
| NOX - Oxides of Nitrogen Tons/Yr: | .09 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .004 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .003148 |

| | |
|---|---|
| Year: | 2008 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .009 |
| Reactive Organic Gases Tons/Yr: | .0069419 |
| Carbon Monoxide Emissions Tons/Yr: | .028 |
| NOX - Oxides of Nitrogen Tons/Yr: | .11 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .004 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .003148 |

| | |
|---|---|
| Year: | 2009 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.002 |
| Reactive Organic Gases Tons/Yr: | 3.2860000000000002E-4 |
| Carbon Monoxide Emissions Tons/Yr: | 0.023 |
| NOX - Oxides of Nitrogen Tons/Yr: | 9.1999999999999998E-2 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 3.0000000000000001E-3 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 2.5739999999999999E-3 |

| | |
|---|---|
| Year: | 2010 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 3.0000000000000001E-3 |
| Reactive Organic Gases Tons/Yr: | 0.0004929 |
| Carbon Monoxide Emissions Tons/Yr: | 2.5999999999999999E-2 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.104 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 3.7421602787456399E-3 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 3.0000000000000001E-3 |

| | |
|---|---|
| Year: | 2011 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.003 |
| Reactive Organic Gases Tons/Yr: | 0.0004929 |
| Carbon Monoxide Emissions Tons/Yr: | 0.026 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.104 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2012 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.003 |
| Reactive Organic Gases Tons/Yr: | 0.0004929 |
| Carbon Monoxide Emissions Tons/Yr: | 0.026 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.104 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.0037421602787 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.003 |

| | |
|---|---|
| Year: | 2013 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.003 |
| Reactive Organic Gases Tons/Yr: | 0.0004929 |
| Carbon Monoxide Emissions Tons/Yr: | 0.025 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.102 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.003 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.003 |

| | |
|---|---|
| Year: | 2014 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.002960219 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0.024247664 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.096499399 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.000577448 |
| Particulate Matter Tons/Yr: | 0.003048572 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.003048572 |

| | |
|---|---|
| Year: | 2015 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.002712893 |
| Reactive Organic Gases Tons/Yr: | 0.001962484 |
| Carbon Monoxide Emissions Tons/Yr: | 0.023895667 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.095047741 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| SOX - Oxides of Sulphur Tons/Yr: | 0.000583401 |
| Particulate Matter Tons/Yr: | 0.00308 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.00308 |

| | |
|---|---|
| Year: | 2016 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 1636 |
| Air District Name: | BA |
| SIC Code: | 3299 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.002979758 |
| Reactive Organic Gases Tons/Yr: | 0.000604474469 |
| Carbon Monoxide Emissions Tons/Yr: | 0.023310095 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.092801867 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.000545598 |
| Particulate Matter Tons/Yr: | 0.002880429 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.002880429 |

HAZNET:

| | |
|---|---|
| envid: | 1000223695 |
| Year: | 2012 |
| GEPAID: | CAD981652936 |
| Contact: | STEPHEN G EGLI |
| Telephone: | 4087278282 |
| Mailing Name: | Not reported |
| Mailing Address: | 2343 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541008 |
| Gen County: | Santa Clara |
| TSD EPA ID: | NVD980895338 |
| TSD County: | 99 |
| Waste Category: | Not reported |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.09591 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000223695 |
| Year: | 2012 |
| GEPAID: | CAD981652936 |
| Contact: | STEPHEN G EGLI |
| Telephone: | 4087278282 |
| Mailing Name: | Not reported |
| Mailing Address: | 2343 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541008 |
| Gen County: | Santa Clara |
| TSD EPA ID: | NVD980895338 |
| TSD County: | 99 |
| Waste Category: | Not reported |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.05 |
| Cat Decode: | Not reported |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000223695 |
| Year: | 2009 |
| GEPAID: | CAD981652936 |
| Contact: | STEPHEN G EGLI |
| Telephone: | 4087278282 |
| Mailing Name: | Not reported |
| Mailing Address: | 2343 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541008 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD980884183 |
| TSD County: | Not reported |
| Waste Category: | Other organic solids |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.0375 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000223695 |
| Year: | 2007 |
| GEPAID: | CAD981652936 |
| Contact: | S G EGLI |
| Telephone: | 4087278282 |
| Mailing Name: | Not reported |
| Mailing Address: | 2343 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541008 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Off-specification, aged or surplus organics |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.15 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000223695 |
| Year: | 2007 |
| GEPAID: | CAD981652936 |
| Contact: | S G EGLI |
| Telephone: | 4087278282 |
| Mailing Name: | Not reported |
| Mailing Address: | 2343 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541008 |
| Gen County: | Not reported |
| TSD EPA ID: | AZD009015389 |
| TSD County: | Not reported |
| Waste Category: | Not reported |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.4 |
| Cat Decode: | Not reported |

**ALZETA CORPORATION (Continued)** **1000223695**

Method Decode: Not reported
Facility County: Santa Clara

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

NPDES:

| | |
|---|---|
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 2 43I014801 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Active |
| Status Date: | 12/05/1998 |
| Operator Name: | Alzeta Corp |
| Operator Address: | 2343 Calle Del Mundo |
| Operator City: | Santa Clara |
| Operator State: | California |
| Operator Zip: | 95054 |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 2 |
| Regulatory Measure ID: | 184178 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 2 43I014801 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 12/05/1998 |
| Status: | Active |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Status Date: | 12/05/1998 |
| Place Size: | 40501 |
| Place Size Unit: | SqFt |
| Contact: | Greg Shouse |
| Contact Title: | Production Manager |
| Contact Phone: | 408-727-8282 |
| Contact Phone Ext: | Not reported |
| Contact Email: | gshouse@alzeta.com |
| Operator Name: | Alzeta Corp |
| Operator Address: | 2343 Calle Del Mundo |
| Operator City: | Santa Clara |
| Operator State: | California |
| Operator Zip: | 95054 |
| Operator Contact: | Steve Egli |
| Operator Contact Title: | C.F.O. |
| Operator Contact Phone: | 408-727-8282 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | egli@alzeta.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 408-727-8282 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | San Francisco (south) Bay and Guadalupe River |
| Certifier: | Steve Egli |
| Certifier Title: | C.F.O. |
| Certification Date: | 01-JUN-15 |
| Primary Sic: | 3433-Heating Equipment, Except Electric and Warm Air Furnaces |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | CAS000001 |
| Status: | Active |
| Agency Number: | 0 |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Region: | 2 |
| Regulatory Measure ID: | 184178 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 2 43I014801 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 12/05/1998 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Alzeta Corp |
| Discharge Address: | 2343 Calle Del Mundo |
| Discharge City: | Santa Clara |
| Discharge State: | California |
| Discharge Zip: | 95054 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

| | |
|---|---|
| Facility Status: | Active |
| NPDES Number: | CAS000001 |
| Region: | 2 |
| Agency Number: | 0 |
| Regulatory Measure ID: | 184178 |
| Place ID: | Not reported |
| Order Number: | 97-03-DWQ |
| WDID: | 2 43I014801 |
| Regulatory Measure Type: | Enrollee |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 12/05/1998 |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | 2343 Calle Del Mundo |
| Discharge Name: | Alzeta Corp |
| Discharge City: | Santa Clara |
| Discharge State: | California |
| Discharge Zip: | 95054 |
| Status: | Not reported |
| Status Date: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 2 |
| Regulatory Measure ID: | 184178 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 2 43I014801 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 12/05/1998 |
| Status: | Active |
| Status Date: | 12/05/1998 |
| Place Size: | 40501 |
| Place Size Unit: | SqFt |
| Contact: | Greg Shouse |
| Contact Title: | Production Manager |
| Contact Phone: | 408-727-8282 |
| Contact Phone Ext: | Not reported |
| Contact Email: | gshouse@alzeta.com |
| Operator Name: | Alzeta Corp |
| Operator Address: | 2343 Calle Del Mundo |
| Operator City: | Santa Clara |
| Operator State: | California |
| Operator Zip: | 95054 |
| Operator Contact: | Steve Egli |
| Operator Contact Title: | C.F.O. |
| Operator Contact Phone: | 408-727-8282 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | egli@alzeta.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 408-727-8282 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | San Francisco (south) Bay and Guadalupe River |
| Certifier: | Steve Egli |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Certifier Title: | C.F.O. |
| Certification Date: | 01-JUN-15 |
| Primary Sic: | 3433-Heating Equipment, Except Electric and Warm Air Furnaces |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | CAS000001 |
| Status: | Active |
| Agency Number: | 0 |
| Region: | 2 |
| Regulatory Measure ID: | 184178 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 2 43I014801 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 12/05/1998 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Alzeta Corp |
| Discharge Address: | 2343 Calle Del Mundo |
| Discharge City: | Santa Clara |
| Discharge State: | California |
| Discharge Zip: | 95054 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

WDS:

| | |
|---|---|
| Facility ID: | San Francisco Bay 43I014801 |
| Facility Type: | Not reported |
| Facility Status: | Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. |
| NPDES Number: | CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board |
| Subregion: | 2 |
| Facility Telephone: | Not reported |
| Facility Contact: | Not reported |
| Agency Name: | ALZETA CORPORATION |
| Agency Address: | Not reported |
| Agency City,St,Zip: | 0 |
| Agency Contact: | Not reported |
| Agency Telephone: | Not reported |
| Agency Type: | Not reported |
| SIC Code: | 0 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Not reported |
| Primary Waste: | Not reported |
| Waste Type2: | Not reported |
| Waste2: | Not reported |
| Primary Waste Type: | Not reported |
| Secondary Waste: | Not reported |
| Secondary Waste Type: | Not reported |
| Design Flow: | 0 |
| Baseline Flow: | 0 |
| Reclamation: | Not reported |
| POTW: | Not reported |
| Treat To Water: | Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared |

**ALZETA CORPORATION (Continued)** **1000223695**

to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

| | |
|---|---|
| Agency: | Alzeta Corp |
| Agency Address: | 2343 Calle Del Mundo, Santa Clara, CA 95054 |
| Place/Project Type: | Industrial - Heating Equipment, Except Electric and Warm Air Furnaces |
| SIC/NAICS: | 3433 |
| Region: | 2 |
| Program: | INDSTW |
| Regulatory Measure Status: | Active |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 2 43I014801 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 12/05/1998 |
| Termination Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 37.4094 |
| Longitude: | -121.96702 |

CERS TANKS:

| | |
|---|---|
| Site ID: | 4866 |
| CERS ID: | 10084495 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 4866 |
| Site Name: | ALZETA CORPORATION |
| Violation Date: | 05-17-2018 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material. |
| Violation Notes: | Update Emergency Response Plan |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 4866 |
| Site Name: | ALZETA CORPORATION |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Violation Date: | 05-17-2018 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities. |
| Violation Notes: | Include 500 gal tanks for the chemical process tanks. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 4866 |
| Site Name: | ALZETA CORPORATION |
| Violation Date: | 05-17-2018 |
| Citation: | 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11 |
| Violation Description: | Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method. |
| Violation Notes: | The analytical report for the sludge waste generated during process shows a higher level of Chromium than the STLC level of 5ml/kg. Additional testing will be required and represented sample shall be taken every 3 months for the next year to properly classify the waste as non-hazardous waste. If you have questions, please contact me to set up a meeting. The analytical report for the sludge waste was under the TTLC, however, the threshold limit concentration (STLC) shows a higher level of Chromium (greater than 50mg/kg) additional testing will be required. Representative samples shall be taken every 3 months for the next year to properly classify the waste as below STLC limit. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 4866 |
| Site Name: | ALZETA CORPORATION |
| Violation Date: | 05-17-2018 |
| Citation: | 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34 |
| Violation Description: | Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies) . 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment . 3) Lamps shall be marked with Universal Waste-Lamp(s) . 4)Each electronic devices or the container or the designated area shall be marked with Universal Waste-Electronic Device(s) . 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s) . 6) CRT glass or the designated area shall be marked with Universal Waste-CRT glass . |
| Violation Notes: | Provide a lid or cover for the container /boxes. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-17-2018 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-17-2018 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 4866 |
| Facility Name: | ALZETA CORPORATION |
| Env Int Type Code: | HWG |
| Program ID: | 10084495 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409725 |
| Longitude: | -121.967171 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | John D. Sullivan, President |
| Entity Title: | Not reported |
| Affiliation Address: | 2343 Calle del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054-1028 |
| Affiliation Phone: | (408) 727-8283 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2343 Calle del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054-1028 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Document Preparer |

**ALZETA CORPORATION (Continued)** **1000223695**

| | |
|---|---|
| Entity Name: | Steve Egli |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Steve Egli |
| Entity Title: | CFO |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | RMK & Assoc / Tom Kendall |
| Entity Title: | Not reported |
| Affiliation Address: | 419 Buel Avenue |
| Affiliation City: | Pacifica |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 94044 |
| Affiliation Phone: | (650) 355-7767 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Steve Egli |
| Entity Title: | Not reported |
| Affiliation Address: | 2343 Calle del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054-1028 |
| Affiliation Phone: | (408) 727-8283 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Steve Egli or Greg Shouse |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 727-8282 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | ALZETA CORPORATION |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |

**ALZETA CORPORATION (Continued)** **1000223695**

Affiliation Phone: Not reported

---

**B20** **MOS TOOL & ENGINEERING INC** **RCRA-SQG** **1000134072**
**ENE** **2233 CALLE DEL MUNDO** **FINDS** **CAD982030348**
**< 1/8** **SANTA CLARA, CA 95054** **ECHO**
**0.063 mi.** **CA HAZNET**
**331 ft.** **Site 8 of 15 in cluster B**

**Relative:**
**Lower**

**Actual:**
**8 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 09/01/1996 |
| Facility name: | MOS TOOL & ENGINEERING INC |
| Facility address: | 2233 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD982030348 |
| Mailing address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | HORST KAISER |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

**MOS TOOL & ENGINEERING INC (Continued)** **1000134072**

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

FINDS:

Registry ID: 110002782579

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110055829073

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000134072 |
| Registry ID: | 110002782579 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002782579 |

HAZNET:

| | |
|---|---|
| envid: | 1000134072 |
| Year: | 1997 |
| GEPAID: | CAD982030348 |
| Contact: | WERNER SCHULZ |
| Telephone: | 4089449407 |
| Mailing Name: | Not reported |
| Mailing Address: | 2308 ZANER ROAD |
| Mailing City,St,Zip: | SAN JOSE, CA 951310000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD980887418 |

**MOS TOOL & ENGINEERING INC (Continued)** **1000134072**

| | |
|---|---|
| TSD County: | Not reported |
| Waste Category: | Waste oil and mixed oil |
| Disposal Method: | Recycler |
| Tons: | 2.2935 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000134072 |
| Year: | 1996 |
| GEPAID: | CAD982030348 |
| Contact: | WERNER SCHULZ |
| Telephone: | 4089449407 |
| Mailing Name: | Not reported |
| Mailing Address: | 2308 ZANER ROAD |
| Mailing City,St,Zip: | SAN JOSE, CA 951310000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD980887418 |
| TSD County: | Not reported |
| Waste Category: | Waste oil and mixed oil |
| Disposal Method: | Recycler |
| Tons: | 5.8797 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000134072 |
| Year: | 1995 |
| GEPAID: | CAD982030348 |
| Contact: | WERNER SCHULZ |
| Telephone: | 4089449407 |
| Mailing Name: | Not reported |
| Mailing Address: | 2308 ZANER ROAD |
| Mailing City,St,Zip: | SAN JOSE, CA 951310000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAT080031628 |
| TSD County: | Not reported |
| Waste Category: | Waste oil and mixed oil |
| Disposal Method: | Recycler |
| Tons: | .6880 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000134072 |
| Year: | 1995 |
| GEPAID: | CAD982030348 |
| Contact: | WERNER SCHULZ |
| Telephone: | 4089449407 |
| Mailing Name: | Not reported |
| Mailing Address: | 2308 ZANER ROAD |
| Mailing City,St,Zip: | SAN JOSE, CA 951310000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD980887418 |
| TSD County: | Not reported |
| Waste Category: | Waste oil and mixed oil |
| Disposal Method: | Recycler |

**MOS TOOL & ENGINEERING INC (Continued)** **1000134072**

| | |
|---|---|
| Tons: | 1.3969 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000134072 |
| Year: | 1994 |
| GEPAID: | CAD982030348 |
| Contact: | WERNER SCHULZ |
| Telephone: | 4089449407 |
| Mailing Name: | Not reported |
| Mailing Address: | 2308 ZANER ROAD |
| Mailing City,St,Zip: | SAN JOSE, CA 951310000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD980887418 |
| TSD County: | Not reported |
| Waste Category: | Aqueous solution with total organic residues less than 10 percent |
| Disposal Method: | Transfer Station |
| Tons: | .4170 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

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**B21** **SCREEN MANUFACTURING TECHNOLOGIES** **RCRA-SQG** **1000598086**
**East** **2246 CLLE DEL MUNDO** **FINDS** **CAD983621277**
**< 1/8** **SANTA CLARA, CA 95054** **ECHO**
**0.064 mi.** **CA HAZNET**
**336 ft.** **Site 9 of 15 in cluster B**

**Relative:**
**Lower**

**Actual:**
**9 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 03/10/1992 |
| Facility name: | SCREEN MANUFACTURING TECHNOLOGIES |
| Facility address: | 2246 CLLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD983621277 |
| Mailing address: | CLLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact: | TOMAS JILLINGS |
| Contact address: | 2246 CLLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-748-1422 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | MUNDO ASSOCIATES |
| Owner/operator address: | 2232 CALLE DEL MUNDO |

**SCREEN MANUFACTURING TECHNOLOGIES (Continued)** **1000598086**

SANTA CLARA, CA 95054
Owner/operator country: Not reported
Owner/operator telephone: 408-988-2487
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002870634

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000598086
Registry ID: 110002870634
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002870634

HAZNET:
envid: 1000598086
Year: 1994
GEPAID: CAD983621277
Contact: MUNDO ASSOCIATES

**SCREEN MANUFACTURING TECHNOLOGIES (Continued)** **1000598086**

| | |
|---|---|
| Telephone: | 4089882487 |
| Mailing Name: | Not reported |
| Mailing Address: | 2246 CLLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD070148432 |
| TSD County: | Not reported |
| Waste Category: | Photochemicals/photoprocessing waste |
| Disposal Method: | Treatment, Incineration |
| Tons: | .2919 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000598086 |
| Year: | 1993 |
| GEPAID: | CAD983621277 |
| Contact: | MUNDO ASSOCIATES |
| Telephone: | 4089882487 |
| Mailing Name: | Not reported |
| Mailing Address: | 2246 CLLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD070148432 |
| TSD County: | Not reported |
| Waste Category: | Photochemicals/photoprocessing waste |
| Disposal Method: | Not reported |
| Tons: | 0.37530000000 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000598086 |
| Year: | 1993 |
| GEPAID: | CAD983621277 |
| Contact: | MUNDO ASSOCIATES |
| Telephone: | 4089882487 |
| Mailing Name: | Not reported |
| Mailing Address: | 2246 CLLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD070148432 |
| TSD County: | Not reported |
| Waste Category: | Photochemicals/photoprocessing waste |
| Disposal Method: | Treatment, Incineration |
| Tons: | 0.20849999999 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

**D22 South < 1/8 0.064 mi. 338 ft.**

**Relative: Higher**

**Actual: 11 ft.**

**RICHARD AND DONNA WILLS REVOCABLE TRUST**
**2301 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**Site 1 of 7 in cluster D**

**RCRA-SQG**
**CA CPS-SLIC**
**CA DEED**
**FINDS**
**ECHO**
**CA ENF**
**CA HAZNET**
**CA CERS**

**1006805683**
**CAR000131052**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 07/05/2006 |
| Facility name: | RICHARD AND DONNA WILLS REVOCABLE TRUST |
| Facility address: | 2301 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAR000131052 |
| Mailing address: | 12091 PARKER RANCH ROAD<br>SARATOGA, CA 95070 |
| Contact: | DUSTYNE J SUTHERLAND |
| Contact address: | 12091 PARKER RANCH ROAD<br>SARATOGA, CA 95070 |
| Contact country: | US |
| Contact telephone: | 415-394-8713 |
| Telephone ext.: | 283 |
| Contact email: | DJSUTHERLAND@TREADWELLRALO.COM |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | RICHARD AND DONNA WILLS REVOCABLE TRUST |
| Owner/operator address: | 12091 PARKER RANCH RD<br>SARATOGA, CA 95070 |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 01/01/1976 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | RICHARD AND DONNA WILLS REVOCABLE TRUST |
| Owner/operator address: | Not reported<br>Not reported |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 01/01/1976 |
| Owner/Op end date: | Not reported |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 01/14/2003
Site name: D&H MANUFACTURING COMPANY
Classification: Large Quantity Generator

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

CPS-SLIC:
Region: STATE

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| **Facility Status:** | **Open - Site Assessment** |
| Status Date: | 10/01/2018 |
| Global Id: | SL0608590095 |
| Lead Agency: | SAN FRANCISCO BAY RWQCB (REGION 2) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 37.4086020098951 |
| Longitude: | -121.965644359589 |
| Case Type: | Cleanup Program Site |
| Case Worker: | MBR |
| Local Agency: | Not reported |
| RB Case Number: | 43S0968 |
| File Location: | Regional Board |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | 1,1,1-Trichloroethane (TCA), Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Trichloroethylene (TCE) |
| Site History: | D&H Manufacturing (D&H) previously owned the Site and produced precision metal-parts for the semiconductor industry at the facility since approximately 1984. D&H recently sold the Site to the Richard and Donna Wills Revocable Trust U/A January 14, 2002. The existing building is a single story structure with a former metal shavings storage area at the rear of the building. D&H ceased operations in this facility in March 2005 and moved their equipment from the Site. The building is currently occupied by a kennel company. In 2001, D&H discovered evidence of solvent contamination in soil and groundwater a near sump located within the former metal shavings storage enclosure. The sump was reportedly installed in 1987 to contain fluids draining from metal shavings storage bins. Under Water Board oversight, D & H conducted several investigations between 2002 and 2003 to determine the extent of contamination in groundwater. The primary chemicals of concern in groundwater include: Tetrachloroethene (PCE) and 1,1,1 trichloroethane (1,1,1-TCA). There are currently ten monitoring wells at the Site and sampling is being conducted quarterly since wells were installed in 2002. To evaluate potential vapor intrusion from dissolved halogenated volatile organic compounds (HVOCs) in groundwater, indoor air sampling was conducted in January and June 2005. The results of the air sampling reports concluded that vapor intrusion of HVOCs from groundwater was not significant. Concentrations of PCE, and 1,1,1-TCA in indoor ambient air did not exceed RWQCB Environmental Screening Levels (ESLs). |

Click here to access the California GeoTracker records for this facility:

SLIC REG 2:

| | |
|---|---|
| Region: | 2 |
| Facility ID: | 43S0968 |
| Facility Status: | Pollution Characterization |
| Date Closed: | Not reported |
| Local Case #: | Not reported |
| How Discovered: | Not reported |
| Leak Cause: | Not reported |
| Leak Source: | Not reported |
| Date Confirmed: | Not reported |
| Date Prelim Site Assmnt Workplan Submitted: | Not reported |
| Date Preliminary Site Assessment Began: | Not reported |
| Date Pollution Characterization Began: | Not reported |
| Date Remediation Plan Submitted: | Not reported |
| Date Remedial Action Underway: | Not reported |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

Date Post Remedial Action Monitoring Began: Not reported

DEED:
Envirostor ID: SL0608590095
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - SITE ASSESSMENT
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 01/29/2005
File Name: Geotracker Land Use/Deed Restrictions

FINDS:

Registry ID: 110055724266

Environmental Interest/Information System
STATE MASTER

Registry ID: 110014377307

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1006805683
Registry ID: 110014377307
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110014377307

ENF:
Region: 2
Facility Id: 218950
Agency Name: D&H Manufacturing Company
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Privately-Owned Business
# Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | UNREGS |
| Program Category1: | UNREGS |
| Program Category2: | UNREGS |
| # Of Programs: | 1 |
| WDID: | 2 43S0968 |
| Reg Measure Id: | 169999 |
| Reg Measure Type: | Unregulated |
| Region: | 2 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/21/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 248603 |
| Region: | 2 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | 13267 Letter |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| Effective Date: | 09/06/2002 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | Not reported |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Active |
| Title: | Enforcement - 2 43S0968 |
| Description: | Request schedule for implementing RAP |
| Program: | UNREGS |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

| | |
|---|---|
| Region: | 2 |
| Facility Id: | 218950 |
| Agency Name: | D&H Manufacturing Company |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Industrial |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | Not reported |
| Place Longitude: | Not reported |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | UNREGS |
| Program Category1: | UNREGS |
| Program Category2: | UNREGS |
| # Of Programs: | 1 |
| WDID: | 2 43S0968 |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| Reg Measure Id: | 169999 |
| Reg Measure Type: | Unregulated |
| Region: | 2 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/21/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 245809 |
| Region: | 2 |
| Order / Resolution Number: | R2-2003-0011 |
| Enforcement Action Type: | Clean-up and Abatement Order |
| Effective Date: | 01/22/2003 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | Not reported |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Active |
| Title: | Enforcement - 2 43S0968 |
| Description: | Adoption of Site Cleanup Requirements |
| Program: | UNREGS |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

| | |
|---|---|
| Region: | 2 |
| Facility Id: | 218950 |
| Agency Name: | D&H Manufacturing Company |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Industrial |
| Agency Type: | Privately-Owned Business |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| # Of Agencies: | 1 |
| Place Latitude: | Not reported |
| Place Longitude: | Not reported |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | UNREGS |
| Program Category1: | UNREGS |
| Program Category2: | UNREGS |
| # Of Programs: | 1 |
| WDID: | 2 43S0968 |
| Reg Measure Id: | 169999 |
| Reg Measure Type: | Unregulated |
| Region: | 2 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/21/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 240721 |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| Region: | 2 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | 13267 Letter |
| Effective Date: | 02/08/2002 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | Not reported |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Active |
| Title: | Enforcement - 2 43S0968 |
| Description: | Request to submit report verifying the completion of the Remedial Action Plan. |
| Program: | UNREGS |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

| | |
|---|---|
| Region: | 2 |
| Facility Id: | 218950 |
| Agency Name: | D&H Manufacturing Company |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Industrial |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | Not reported |
| Place Longitude: | Not reported |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | UNREGS |

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| Program Category1: | UNREGS |
| Program Category2: | UNREGS |
| # Of Programs: | 1 |
| WDID: | 2 43S0968 |
| Reg Measure Id: | 169999 |
| Reg Measure Type: | Unregulated |
| Region: | 2 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/21/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 240142 |
| Region: | 2 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | 13267 Letter |
| Effective Date: | 02/08/2002 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | Not reported |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Active |
| Title: | Enforcement - 2 43S0968 |
| Description: | Request for report verifying completion of Remedial Action Plan. |
| Program: | UNREGS |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

HAZNET:
envid: 1006805683

**RICHARD AND DONNA WILLS REVOCABLE TRUST (Continued)** **1006805683**

| | |
|---|---|
| Year: | 2013 |
| GEPAID: | CAL000365655 |
| Contact: | ERIC BATTLE |
| Telephone: | 4087277300 |
| Mailing Name: | Not reported |
| Mailing Address: | 2301 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541004 |
| Gen County: | Santa Clara |
| TSD EPA ID: | CAD088838222 |
| TSD County: | Santa Cruz |
| Waste Category: | Not reported |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.38 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Not reported |

CERS TANKS:

| | |
|---|---|
| Site ID: | 187888 |
| CERS ID: | SL0608590095 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | MICHAEL ROCHETTE - SAN FRANCISCO BAY RWQCB (REGION 2) |
| Entity Title: | Not reported |
| Affiliation Address: | 1515 CLAY STREET, SUITE 1400 |
| Affiliation City: | OAKLAND |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

---

**D23** **D&H MANUFACTURING CO** **CA Cortese** **S113013673**
**South** **2301 2309 CALLE DE LUNA** **CA HAZNET** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.064 mi.**
**338 ft.** **Site 2 of 7 in cluster D**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

CORTESE:

| | |
|---|---|
| Region: | CORTESE |
| Envirostor Id: | Not reported |
| Site/Facility Type: | Not reported |
| Cleanup Status: | Not reported |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Owner: | Not reported |
| Enf Type: | Not reported |
| Swat R: | Not reported |
| Flag: | CORTESE |
| Order No: | Not reported |
| Waste Discharge System No: | Not reported |
| Effective Date: | Not reported |
| Region 2: | 2 |

**D&H MANUFACTURING CO (Continued)** **S113013673**

| | |
|---|---|
| WID Id: | 2 43S0968 |
| Solid Waste Id No: | Not reported |
| Waste Management Uit Name: | Not reported |
| File Name: | Cease Desist Orders & Cleanup Abatement Orders |

HAZNET:

| | |
|---|---|
| envid: | S113013673 |
| Year: | 2005 |
| GEPAID: | CAD982051039 |
| Contact: | -- |
| Telephone: | 5107705100 |
| Mailing Name: | Not reported |
| Mailing Address: | 49235 MIMONT DR |
| Mailing City,St,Zip: | FRESNO, CA 945380000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAT000646117 |
| TSD County: | Not reported |
| Waste Category: | Other inorganic solid waste |
| Disposal Method: | Transfer Station |
| Tons: | 1.37 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113013673 |
| Year: | 1999 |
| GEPAID: | CAD982051039 |
| Contact: | Not reported |
| Telephone: | 0000000000 |
| Mailing Name: | Not reported |
| Mailing Address: | 2301 2309 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAL000161743 |
| TSD County: | Not reported |
| Waste Category: | Unspecified oil-containing waste |
| Disposal Method: | Transfer Station |
| Tons: | 1.3761 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113013673 |
| Year: | 1994 |
| GEPAID: | CAD982051039 |
| Contact: | Not reported |
| Telephone: | 0000000000 |
| Mailing Name: | Not reported |
| Mailing Address: | 2301 2309 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAT080031628 |
| TSD County: | Not reported |
| Waste Category: | Waste oil and mixed oil |
| Disposal Method: | Not reported |
| Tons: | 16.0958 |
| Cat Decode: | Not reported |

**D&H MANUFACTURING CO (Continued)** **S113013673**

| | |
|---|---|
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113013673 |
| Year: | 1994 |
| GEPAID: | CAD982051039 |
| Contact: | Not reported |
| Telephone: | 0000000000 |
| Mailing Name: | Not reported |
| Mailing Address: | 2301 2309 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CA0800316281 |
| TSD County: | Not reported |
| Waste Category: | Waste oil and mixed oil |
| Disposal Method: | Not reported |
| Tons: | 2.1892 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113013673 |
| Year: | 1994 |
| GEPAID: | CAD982051039 |
| Contact: | Not reported |
| Telephone: | 0000000000 |
| Mailing Name: | Not reported |
| Mailing Address: | 2301 2309 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAT080031628 |
| TSD County: | Not reported |
| Waste Category: | Waste oil and mixed oil |
| Disposal Method: | Recycler |
| Tons: | 5.5669 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

Click this hyperlink while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

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**B24** **GYREX CORPORATION** **RCRA NonGen / NLR** **1000225602**
**East** **2234 CALLE DEL MUNDO** **FINDS** **CAD980584528**
**< 1/8** **SANTA CLARA, CA 95050** **ECHO**
**0.066 mi.**
**349 ft.** **Site 10 of 15 in cluster B**

**Relative:**
**Lower**

**Actual:**
**9 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 03/03/1982 |
| Facility name: | GYREX CORPORATION |
| Facility address: | 2234 CALLE DEL MUNDO<br>SANTA CLARA, CA 95050 |
| EPA ID: | CAD980584528 |
| Mailing address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95050 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2234 CALLE DEL MUNDO |

**GYREX CORPORATION (Continued)** **1000225602**

| | |
|---|---|
| | SANTA CLARA, CA 95050 |
| Contact country: | US |
| Contact telephone: | 408-988-2216 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED |
| | NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED |
| | NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

FINDS:

Registry ID: 110002669050

**GYREX CORPORATION (Continued)** **1000225602**

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000225602 |
| Registry ID: | 110002669050 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002669050 |

---

**B25** **ITALIX COMPANY, INCORPORATED** **RCRA-LQG** **1000287591**
**East** **2232 CALLE DEL MUNDO** **FINDS** **CAD981388630**
**< 1/8** **SANTA CLARA, CA 95054** **ECHO**
**0.066 mi.** **CA HAZNET**
**349 ft.** **Site 11 of 15 in cluster B**

**Relative:**
**Lower**

**Actual:**
**9 ft.**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 02/16/2016 |
| Facility name: | ITALIX COMPANY INC |
| Facility address: | 2232 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD981388630 |
| Mailing address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact: | TIMOTHY J THOMPSON |
| Contact address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-988-2487 |
| Contact email: | TIM@ITALIX.COM |
| EPA Region: | 09 |
| Land type: | Private |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | ITALIX COMPANY INC |
| Owner/operator address: | Not reported<br>Not reported |

**ITALIX COMPANY, INCORPORATED (Continued)** **1000287591**

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/06/1977
Owner/Op end date: Not reported

Owner/operator name: 2232 CALLE DEL MUNDO LLC
Owner/operator address: THE ALAMEDA 2ND FLOOR
SAN JOSE, CA 95126
Owner/operator country: US
Owner/operator telephone: 253-678-7359
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/01/2015
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A

**ITALIX COMPANY, INCORPORATED (Continued)** **1000287591**

CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Historical Generators:
Date form received by agency: 03/01/2014
Site name: ITALIX COMPANY INC
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 491
. Waste name: Unspecified sludge waste

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

**ITALIX COMPANY, INCORPORATED (Continued)** **1000287591**

CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 03/06/2012
Site name: ITALIX COMPANY INC
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 491
. Waste name: Unspecified sludge waste

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

**ITALIX COMPANY, INCORPORATED (Continued)** **1000287591**

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 06/15/2010
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 491
. Waste name: Unspecified sludge waste

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

**ITALIX COMPANY, INCORPORATED (Continued)** **1000287591**

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 02/08/2008
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/17/2006
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

**ITALIX COMPANY, INCORPORATED (Continued)** **1000287591**

CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 01/27/2004
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/20/2001
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 792

**ITALIX COMPANY, INCORPORATED (Continued)** **1000287591**

. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 10/12/2000
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: ITALIX CORP
Classification: Large Quantity Generator

Date form received by agency: 02/20/1996
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/17/1994
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/18/1992
Site name: ITALIX COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/14/1986
Site name: ITALIX CORP
Classification: Small Quantity Generator

**ITALIX COMPANY, INCORPORATED (Continued)** **1000287591**

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

| | |
|---|---|
| Waste code: | D002 |
| Waste name: | A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE. |
| Amount (Lbs): | 23926.7 |
| Waste code: | D006 |
| Waste name: | CADMIUM |
| Amount (Lbs): | 20125.6 |
| Waste code: | D007 |
| Waste name: | CHROMIUM |
| Amount (Lbs): | 24727.6 |
| Waste code: | D008 |
| Waste name: | LEAD |
| Amount (Lbs): | 20125.6 |
| Waste code: | F006 |
| Waste name: | WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM. |
| Amount (Lbs): | 1528.9 |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Regulation violated: | Not reported |
| Area of violation: | Generators - General |
| Date violation determined: | 05/25/2010 |
| Date achieved compliance: | 06/28/2010 |
| Violation lead agency: | State |
| Enforcement action: | WRITTEN INFORMAL |
| Enforcement action date: | 05/25/2010 |
| Enf. disposition status: | Not reported |
| Enf. disp. status date: | Not reported |
| Enforcement lead agency: | State |
| Proposed penalty amount: | Not reported |
| Final penalty amount: | Not reported |
| Paid penalty amount: | Not reported |

| | |
|---|---|
| Regulation violated: | Not reported |
| Area of violation: | Generators - General |
| Date violation determined: | 08/18/2003 |
| Date achieved compliance: | 09/12/2003 |

**ITALIX COMPANY, INCORPORATED (Continued)** **1000287591**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/18/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 07/17/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/25/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/28/2010
Evaluation lead agency: State

Evaluation date: 05/21/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/18/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/12/2003
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110000887005

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

**ITALIX COMPANY, INCORPORATED (Continued)** **1000287591**

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS AIR POLLUTANT MAJOR

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000287591 |
| Registry ID: | 110000887005 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110000887005 |

HAZNET:

| | |
|---|---|
| envid: | 1000287591 |
| Year: | 2017 |
| GEPAID: | CAD981388630 |
| Contact: | TIMOTHY J THOMPSON |
| Telephone: | 4089882487 |
| Mailing Name: | Not reported |
| Mailing Address: | 2232 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541005 |
| Gen County: | Santa Clara |
| TSD EPA ID: | NVT330010000 |
| TSD County: | 99 |
| Waste Category: | Liquids with pH <= 2 with metals |
| Disposal Method: | Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 0.22935 |
| Cat Decode: | Liquids with pH <= 2 with metals |
| Method Decode: | Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000287591 |
| Year: | 2017 |
| GEPAID: | CAD981388630 |
| Contact: | TIMOTHY J THOMPSON |

**ITALIX COMPANY, INCORPORATED (Continued)** **1000287591**

| | |
|---|---|
| Telephone: | 4089882487 |
| Mailing Name: | Not reported |
| Mailing Address: | 2232 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541005 |
| Gen County: | Santa Clara |
| TSD EPA ID: | NVT330010000 |
| TSD County: | 99 |
| Waste Category: | Liquids with pH <= 2 with metals |
| Disposal Method: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Tons: | 3.2109 |
| Cat Decode: | Liquids with pH <= 2 with metals |
| Method Decode: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000287591 |
| Year: | 2017 |
| GEPAID: | CAD981388630 |
| Contact: | TIMOTHY J THOMPSON |
| Telephone: | 4089882487 |
| Mailing Name: | Not reported |
| Mailing Address: | 2232 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541005 |
| Gen County: | Santa Clara |
| TSD EPA ID: | MND981098478 |
| TSD County: | 99 |
| Waste Category: | Unspecified aqueous solution |
| Disposal Method: | H120 |
| Tons: | 0.4368 |
| Cat Decode: | Unspecified aqueous solution |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000287591 |
| Year: | 2017 |
| GEPAID: | CAD981388630 |
| Contact: | TIMOTHY J THOMPSON |
| Telephone: | 4089882487 |
| Mailing Name: | Not reported |
| Mailing Address: | 2232 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541005 |
| Gen County: | Santa Clara |
| TSD EPA ID: | MND981098478 |
| TSD County: | 99 |
| Waste Category: | Unspecified aqueous solution |
| Disposal Method: | H100 |
| Tons: | 0.1092 |
| Cat Decode: | Unspecified aqueous solution |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000287591 |
| Year: | 2017 |
| GEPAID: | CAD981388630 |
| Contact: | TIMOTHY J THOMPSON |
| Telephone: | 4089882487 |

**ITALIX COMPANY, INCORPORATED (Continued)** **1000287591**

| | |
|---|---|
| Mailing Name: | Not reported |
| Mailing Address: | 2232 CALLE DEL MUNDO |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541005 |
| Gen County: | Santa Clara |
| TSD EPA ID: | CAT000646117 |
| TSD County: | Kings |
| Waste Category: | Unspecified sludge waste |
| Disposal Method: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Tons: | 0.25 |
| Cat Decode: | Unspecified sludge waste |
| Method Decode: | Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Facility County: | Santa Clara |

Click this hyperlink while viewing on your computer to access
238 additional CA_HAZNET: record(s) in the EDR Site Report.

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**B26** **ITALIX CO INC** **CA CERS HAZ WASTE** **S121470387**
**East** **2232 CALLE DEL MUNDO** **CA CUPA Listings** **N/A**
**< 1/8** **SANTA CLARA, CA 95054** **CA CERS**
**0.066 mi.**
**349 ft.** **Site 12 of 15 in cluster B**

**Relative:**
**Lower**

**Actual:**
**9 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 38657 |
| CERS ID: | 10084477 |
| CERS Description: | Hazardous Waste Onsite Treatment |

Coordinates:

| | |
|---|---|
| Site ID: | 38657 |
| Facility Name: | ITALIX CO INC |
| Env Int Type Code: | HWG |
| Program ID: | 10084477 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409958 |
| Longitude: | -121.964111 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | ITALIX CO INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Italix Company Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-2487 |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | R&C Brown |
| Entity Title: | Not reported |
| Affiliation Address: | 1955 The Alameda, 2nd Floor |
| Affiliation City: | San Jose |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95126 |
| Affiliation Phone: | (408) 963-6747 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Robert L. Armanasco |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |

| | |
|---|---|
| Site ID: | 38657 |
| CERS ID: | 10084477 |
| CERS Description: | Hazardous Waste Generator |

Coordinates:

| | |
|---|---|
| Site ID: | 38657 |
| Facility Name: | ITALIX CO INC |
| Env Int Type Code: | HWG |
| Program ID: | 10084477 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409958 |
| Longitude: | -121.964111 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | ITALIX CO INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Italix Company Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-2487 |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | R&C Brown |
| Entity Title: | Not reported |
| Affiliation Address: | 1955 The Alameda, 2nd Floor |
| Affiliation City: | San Jose |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95126 |
| Affiliation Phone: | (408) 963-6747 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Robert L. Armanasco |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |

| | |
|---|---|
| Site ID: | 38657 |
| CERS ID: | 10084477 |
| CERS Description: | RCRA LQ HW Generator |

Coordinates:

| | |
|---|---|
| Site ID: | 38657 |
| Facility Name: | ITALIX CO INC |
| Env Int Type Code: | HWG |
| Program ID: | 10084477 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409958 |
| Longitude: | -121.964111 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | ITALIX CO INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Italix Company Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-2487 |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | R&C Brown |
| Entity Title: | Not reported |
| Affiliation Address: | 1955 The Alameda, 2nd Floor |
| Affiliation City: | San Jose |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95126 |
| Affiliation Phone: | (408) 963-6747 |
| | |
| Affiliation Type Desc: | Environmental Contact |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Robert L. Armanasco |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2208 |
| Program Description: | GENERATES 50 TO <250 TONS/YR |
| Latitude: | 37.409958 |
| Longitude: | -121.964806 |
| Record ID: | PR0312700 |
| Facility ID: | FA0211736 |

CERS TANKS:

| | |
|---|---|
| Site ID: | 38657 |
| CERS ID: | 10084477 |
| CERS Description: | Chemical Storage Facilities |

Coordinates:

| | |
|---|---|
| Site ID: | 38657 |
| Facility Name: | ITALIX CO INC |
| Env Int Type Code: | HWG |
| Program ID: | 10084477 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409958 |
| Longitude: | -121.964111 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | ITALIX CO INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Italix Company Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |

**ITALIX CO INC (Continued)** **S121470387**

| | |
|---|---|
| Affiliation Phone: | (408) 988-2487 |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | R&C Brown |
| Entity Title: | Not reported |
| Affiliation Address: | 1955 The Alameda, 2nd Floor |
| Affiliation City: | San Jose |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95126 |
| Affiliation Phone: | (408) 963-6747 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Timothy J. Thompson |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Frank Fantino |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Robert L. Armanasco |
| Entity Title: | Not reported |
| Affiliation Address: | 2232 Calle Del Mundo |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-2487 |

---

**B27** **CRAFTMASTER MACHINISTS** **CA CERS HAZ WASTE** **S121738581**
**East** **2242 CALLE DEL MUNDO** **CA CERS** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.066 mi.**
**349 ft.** **Site 13 of 15 in cluster B**

**Relative:**
**Lower**

**Actual:**
**9 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 108661 |
| CERS ID: | 10129456 |
| CERS Description: | Hazardous Waste Generator |

Violations:

| | |
|---|---|
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

| | |
|---|---|
| Citation: | 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20 |
| Violation Description: | Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal. |
| Violation Notes: | Returned to compliance on 03/10/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-21-2014 |
| Citation: | 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii) |
| Violation Description: | Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers. |
| Violation Notes: | Returned to compliance on 09/10/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain and/or maintain an Active EPA ID. |
| Violation Notes: | Returned to compliance on 03/10/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-21-2014 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain and/or maintain an Active EPA ID. |
| Violation Notes: | Returned to compliance on 05/07/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Returned to compliance on 03/10/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

Site ID: 108661
Site Name: Craftmaster Machinists
Violation Date: 04-01-2014
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description: Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years.
Violation Notes: Returned to compliance on 03/10/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 108661
Site Name: Craftmaster Machinists
Violation Date: 04-21-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 09/10/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 04-01-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 04-01-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 108661 |
| Facility Name: | Craftmaster Machinists |
| Env Int Type Code: | HWG |
| Program ID: | 10129456 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409958 |
| Longitude: | -121.964111 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | JASON LEE |
| Entity Title: | Not reported |
| Affiliation Address: | 225 N. Cypress Ave, #1 |
| Affiliation City: | San Jose |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95117 |
| Affiliation Phone: | (408) 221-3848 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Byung C. Kim |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Byung C. Kim |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

| | |
|---|---|
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 497-0070 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Craftmaster Machinists |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Jason Lee |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

CERS TANKS:

| | |
|---|---|
| Site ID: | 108661 |
| CERS ID: | 10129456 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |
| Citation: | 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20 |
| Violation Description: | Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal. |
| Violation Notes: | Returned to compliance on 03/10/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-21-2014 |
| Citation: | 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title |

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

| | |
|---|---|
| | 40, Chapter 1, Section(s) 262.34(d)(5)(ii) |
| Violation Description: | Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers. |
| Violation Notes: | Returned to compliance on 09/10/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain and/or maintain an Active EPA ID. |
| Violation Notes: | Returned to compliance on 03/10/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-21-2014 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain and/or maintain an Active EPA ID. |
| Violation Notes: | Returned to compliance on 05/07/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Returned to compliance on 03/10/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-01-2014 |
| Citation: | HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2 |
| Violation Description: | Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized |

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

| | |
|---|---|
| | facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years. |
| Violation Notes: | Returned to compliance on 03/10/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| Site ID: | 108661 |
| Site Name: | Craftmaster Machinists |
| Violation Date: | 04-21-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Returned to compliance on 09/10/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 04-21-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 04-21-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 04-01-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 04-01-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

| | |
|---|---|
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 108661 |
| Facility Name: | Craftmaster Machinists |
| Env Int Type Code: | HWG |
| Program ID: | 10129456 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409958 |
| Longitude: | -121.964111 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | JASON LEE |
| Entity Title: | Not reported |
| Affiliation Address: | 225 N. Cypress Ave, #1 |
| Affiliation City: | San Jose |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95117 |
| Affiliation Phone: | (408) 221-3848 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Byung C. Kim |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Byung C. Kim |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 497-0070 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Craftmaster Machinists |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**CRAFTMASTER MACHINISTS (Continued)** **S121738581**

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Jason Lee |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

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**B28** **ITALIX COMPANY, INCORPORATED** **CA ENVIROSTOR** **S100937520**
**East** **2232 CALLE DEL MUNDO** **CA EMI** **N/A**
**< 1/8** **SANTA CLARA, CA 95054** **CA NPDES**
**0.066 mi.** **CA WDS**
**349 ft.** **Site 14 of 15 in cluster B** **CA CIWQS**

**Relative:**
**Lower**

**Actual:**
**9 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71002788 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.41004 |
| Longitude: | -121.9638 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAD981388630 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110000887005 |
| Alias Type: | EPA (FRS #) |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

Alias Name: 71002788
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

EMI:
Year: 1990
County Code: 43
Air Basin: SF
Facility ID: 3037
Air District Name: BA
SIC Code: 3471
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1993
County Code: 43
Air Basin: SF
Facility ID: 3037
Air District Name: BA
SIC Code: 3471
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1995
County Code: 43

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

| | |
|---|---|
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1996 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1997 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1998 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

| | |
|---|---|
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 3 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1999 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3479 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2000 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3479 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2001 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3479 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

| | |
|---|---|
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2002 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2003 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2004 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.311 |
| Reactive Organic Gases Tons/Yr: | 0.2469335 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.005 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.0045 |

| | |
|---|---|
| Year: | 2005 |
| County Code: | 43 |
| Air Basin: | SF |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

| | |
|---|---|
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .311 |
| Reactive Organic Gases Tons/Yr: | .2469335 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .005 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .0045 |

| | |
|---|---|
| Year: | 2006 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .337 |
| Reactive Organic Gases Tons/Yr: | .2561335 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .005 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .0045 |

| | |
|---|---|
| Year: | 2007 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .235 |
| Reactive Organic Gases Tons/Yr: | .1714225 |
| Carbon Monoxide Emissions Tons/Yr: | .008 |
| NOX - Oxides of Nitrogen Tons/Yr: | .037 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .006 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .005133 |

| | |
|---|---|
| Year: | 2008 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

| | |
|---|---|
| Total Organic Hydrocarbon Gases Tons/Yr: | .194 |
| Reactive Organic Gases Tons/Yr: | .1365554 |
| Carbon Monoxide Emissions Tons/Yr: | .008 |
| NOX - Oxides of Nitrogen Tons/Yr: | .037 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .006 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .005133 |

| | |
|---|---|
| Year: | 2009 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.19700000000000001 |
| Reactive Organic Gases Tons/Yr: | 0.1390469 |
| Carbon Monoxide Emissions Tons/Yr: | 8.0000000000000002E-3 |
| NOX - Oxides of Nitrogen Tons/Yr: | 3.6999999999999998E-2 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 6.0000000000000001E-3 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 5.1330000000000004E-3 |

| | |
|---|---|
| Year: | 2010 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.20100000000000001 |
| Reactive Organic Gases Tons/Yr: | 0.1471044 |
| Carbon Monoxide Emissions Tons/Yr: | 8.0000000000000002E-3 |
| NOX - Oxides of Nitrogen Tons/Yr: | 3.6999999999999998E-2 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 7.1353343865192204E-3 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 6.0000000000000001E-3 |

| | |
|---|---|
| Year: | 2011 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.197 |
| Reactive Organic Gases Tons/Yr: | 0.1437824 |
| Carbon Monoxide Emissions Tons/Yr: | 0.008 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.037 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

| | |
|---|---|
| Year: | 2012 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.208 |
| Reactive Organic Gases Tons/Yr: | 0.1529179 |
| Carbon Monoxide Emissions Tons/Yr: | 0.008 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.037 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.0071353343865 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.006 |

| | |
|---|---|
| Year: | 2013 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.197 |
| Reactive Organic Gases Tons/Yr: | 0.1437824 |
| Carbon Monoxide Emissions Tons/Yr: | 0.008 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.037 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.009 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.006 |

| | |
|---|---|
| Year: | 2014 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.218428363 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0.008690463 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.036711153 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.000156403 |
| Particulate Matter Tons/Yr: | 0.00935154 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.006385802 |

| | |
|---|---|
| Year: | 2015 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

| | |
|---|---|
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.218428364 |
| Reactive Organic Gases Tons/Yr: | 0.179380301 |
| Carbon Monoxide Emissions Tons/Yr: | 0.008690463 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.036711153 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.000156403 |
| Particulate Matter Tons/Yr: | 0.00935154 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.006385802 |

| | |
|---|---|
| Year: | 2016 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 3037 |
| Air District Name: | BA |
| SIC Code: | 3471 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.239697862 |
| Reactive Organic Gases Tons/Yr: | 0.17499123122 |
| Carbon Monoxide Emissions Tons/Yr: | 0.008690463 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.036711153 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.000156403 |
| Particulate Matter Tons/Yr: | 0.00935154 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.006385802 |

NPDES:

| | |
|---|---|
| Facility Status: | Terminated |
| NPDES Number: | CAS000001 |
| Region: | 2 |
| Agency Number: | 0 |
| Regulatory Measure ID: | 183814 |
| Place ID: | Not reported |
| Order Number: | 97-03-DWQ |
| WDID: | 2 43I006060 |
| Regulatory Measure Type: | Enrollee |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 04/20/1992 |
| Termination Date Of Regulatory Measure: | 10/10/2018 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | 2232 Calle Del Mundo |
| Discharge Name: | Italix |
| Discharge City: | Santa Clara |
| Discharge State: | California |
| Discharge Zip: | 95054 |
| Status: | Not reported |
| Status Date: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | CAS000001 |
| Status: | Active |
| Agency Number: | 0 |
| Region: | 2 |
| Regulatory Measure ID: | 183814 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 2 43I006060 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 04/20/1992 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Italix |
| Discharge Address: | 2232 Calle Del Mundo |
| Discharge City: | Santa Clara |
| Discharge State: | California |
| Discharge Zip: | 95054 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

| | |
|---|---|
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 2 |
| Regulatory Measure ID: | 183814 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 2 43I006060 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 04/20/1992 |
| Status: | Active |
| Status Date: | 04/20/1992 |
| Place Size: | 29000 |
| Place Size Unit: | SqFt |
| Contact: | Tim Thompson |
| Contact Title: | EHS Coordinator |
| Contact Phone: | 408-988-2487 |
| Contact Phone Ext: | Not reported |
| Contact Email: | tim@italix.com |
| Operator Name: | Italix |
| Operator Address: | 2232 Calle Del Mundo |
| Operator City: | Santa Clara |
| Operator State: | California |
| Operator Zip: | 95054 |
| Operator Contact: | Tim Thompson |
| Operator Contact Title: | Not reported |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

| | |
|---|---|
| Operator Contact Phone: | 408-988-2487 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | tim@italix.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 408-988-2487 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | Guadalupe River |
| Certifier: | Frank Fantino |
| Certifier Title: | President |
| Certification Date: | 20-FEB-15 |
| Primary Sic: | 3479-Coating, Engraving, and Allied Services, NEC |
| Secondary Sic: | 3471-Electroplating, Plating, Polishing, Anodizing, and Coloring |
| Tertiary Sic: | Not reported |

| | |
|---|---|
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 2 43I006060 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

| | |
|---|---|
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Terminated |
| Status Date: | 10/10/2018 |
| Operator Name: | Italix |
| Operator Address: | 2232 Calle Del Mundo |
| Operator City: | Santa Clara |
| Operator State: | California |
| Operator Zip: | 95054 |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | CAS000001 |
| Status: | Active |
| Agency Number: | 0 |
| Region: | 2 |
| Regulatory Measure ID: | 183814 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 2 43I006060 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 04/20/1992 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Italix |
| Discharge Address: | 2232 Calle Del Mundo |
| Discharge City: | Santa Clara |
| Discharge State: | California |
| Discharge Zip: | 95054 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

| | |
|---|---|
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 2 |
| Regulatory Measure ID: | 183814 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 2 43I006060 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 04/20/1992 |
| Status: | Active |
| Status Date: | 04/20/1992 |
| Place Size: | 29000 |
| Place Size Unit: | SqFt |
| Contact: | Tim Thompson |
| Contact Title: | EHS Coordinator |
| Contact Phone: | 408-988-2487 |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

| | |
|---|---|
| Contact Phone Ext: | Not reported |
| Contact Email: | tim@italix.com |
| Operator Name: | Italix |
| Operator Address: | 2232 Calle Del Mundo |
| Operator City: | Santa Clara |
| Operator State: | California |
| Operator Zip: | 95054 |
| Operator Contact: | Tim Thompson |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | 408-988-2487 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | tim@italix.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 408-988-2487 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | Guadalupe River |
| Certifier: | Frank Fantino |
| Certifier Title: | President |
| Certification Date: | 20-FEB-15 |
| Primary Sic: | 3479-Coating, Engraving, and Allied Services, NEC |
| Secondary Sic: | 3471-Electroplating, Plating, Polishing, Anodizing, and Coloring |
| Tertiary Sic: | Not reported |

WDS:

| | |
|---|---|
| Facility ID: | San Francisco Bay 43I006060 |
| Facility Type: | Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping. |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

| | |
|---|---|
| Facility Status: | Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. |
| NPDES Number: | CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board |
| Subregion: | 2 |
| Facility Telephone: | 4089882487 |
| Facility Contact: | TIM THOMPSON |
| Agency Name: | ITALIX CO |
| Agency Address: | 2232 Calle Del Mundo |
| Agency City,St,Zip: | Santa Clara 950541026 |
| Agency Contact: | TIM THOMPSON |
| Agency Telephone: | 4089882487 |
| Agency Type: | Private |
| SIC Code: | 0 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Not reported |
| Primary Waste: | Not reported |
| Waste Type2: | Not reported |
| Waste2: | Not reported |
| Primary Waste Type: | Not reported |
| Secondary Waste: | Not reported |
| Secondary Waste Type: | Not reported |
| Design Flow: | 0 |
| Baseline Flow: | 0 |
| Reclamation: | Not reported |
| POTW: | Not reported |
| Treat To Water: | Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality. |
| Complexity: | Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds. |

CIWQS:

| | |
|---|---|
| Agency: | Italix |
| Agency Address: | 2232 Calle Del Mundo, Santa Clara, CA 95054 |
| Place/Project Type: | Industrial - Coating, Engraving, and Allied Services, NEC |
| SIC/NAICS: | Multiple |
| Region: | 2 |
| Program: | INDSTW |
| Regulatory Measure Status: | Terminated |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 2 43I006060 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 04/20/1992 |
| Termination Date: | 10/10/2018 |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |

**ITALIX COMPANY, INCORPORATED (Continued)** **S100937520**

| | |
|---|---|
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 37.41004 |
| Longitude: | -121.96508 |

---

**B29** **BEAM ON TECHNOLOGY CORP** **CA CUPA Listings** **S121471365**
**East** **2244 CALLE DEL MUNDO** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.066 mi.**
**349 ft.** **Site 15 of 15 in cluster B**

**Relative:**
**Lower**

**Actual:**
**9 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2202 |
| Program Description: | GENERATES < 100 KG/YR |
| Latitude: | 37.409891 |
| Longitude: | -121.965009 |
| Record ID: | PR0330924 |
| Facility ID: | FA0230829 |

---

**C30** **CIRTEX INC** **CA HIST UST** **U001601757**
**South** **2309 CALLE DE LUNA** **N/A**
**< 1/8** **SANTA CLARA, CA 95050**
**0.070 mi.**
**367 ft.** **Site 6 of 7 in cluster C**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

HIST UST:

| | |
|---|---|
| File Number: | 0002D0CC |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D0CC.pdf |
| Region: | STATE |
| Facility ID: | 00000053168 |
| Facility Type: | Other |
| Other Type: | PRINTED CIRCUIT BOAR |
| Contact Name: | HERSCHEL PETTY |
| Telephone: | 4087271661 |
| Owner Name: | CIRTEX, INC. |
| Owner Address: | 2309 CALLE DE LUNA |
| Owner City,St,Zip: | SANTA CLARA, CA 95050 |
| Total Tanks: | 0001 |
| | |
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | 1984 |
| Tank Capacity: | 00000200 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | 0.5 |
| Leak Detection: | Visual |

Click here for Geo Tracker PDF:

**C31 SW < 1/8 0.071 mi. 376 ft.** | **CIRTEX INC**
**2346 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054**
**Site 7 of 7 in cluster C** | **RCRA-SQG FINDS ECHO CA EMI** | **1000404146 CAD021195466**

**Relative: Higher**

**Actual: 12 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 09/01/1996 |
| Facility name: | CIRTEX INC |
| Facility address: | 2346 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD021195466 |
| Mailing address: | CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | GEORGE CLINE HERSHEL PETTY TOM ROGOTZKE |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |

**CIRTEX INC (Continued)** **1000404146**

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110001150619

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000404146
Registry ID: 110001150619
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001150619

EMI:
Year: 1987
County Code: 43
Air Basin: SF
Facility ID: 2411
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1990
County Code: 43

**CIRTEX INC (Continued)** **1000404146**

| | |
|---|---|
| Air Basin: | SF |
| Facility ID: | 2411 |
| Air District Name: | BA |
| SIC Code: | 3671 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

---

**D32** **INTA TECHNOLOGIES CORPORATION** **PA MANIFEST** **S116737720**
**SSE** **2281 CALLE DE LUNA** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.075 mi.**
**398 ft.** **Site 3 of 7 in cluster D**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

Manifest Details:

| | |
|---|---|
| Year: | 2015 |
| Manifest Number: | 008178847FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 02/24/2015 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 1 |
| Waste Number: | D002 |
| Container Number: | 3 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 15 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |

| | |
|---|---|
| Year: | 2014 |
| Manifest Number: | 007672296FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 10/15/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |

**INTA TECHNOLOGIES CORPORATION (Continued)** **S116737720**

| | |
|---|---|
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 1 |
| Waste Number: | D011 |
| Container Number: | 1 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 30 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |
| | |
| Year: | 2014 |
| Manifest Number: | 007672296FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 10/15/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 2 |
| Waste Number: | D002 |
| Container Number: | 2 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 10 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |
| | |
| Year: | 2014 |
| Manifest Number: | 007672296FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 10/15/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |

**INTA TECHNOLOGIES CORPORATION (Continued)** **S116737720**

| | |
|---|---|
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 2 |
| Waste Number: | D011 |
| Container Number: | 2 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 10 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |

| | |
|---|---|
| Year: | 2014 |
| Manifest Number: | 006908721FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 06/10/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 2 |
| Waste Number: | D002 |
| Container Number: | 1 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 5 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |

| | |
|---|---|
| Year: | 2014 |
| Manifest Number: | 006736041FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 02/04/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |

**INTA TECHNOLOGIES CORPORATION (Continued)** **S116737720**

| | |
|---|---|
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 1 |
| Waste Number: | D002 |
| Container Number: | 2 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 60 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |
| | |
| Year: | 2014 |
| Manifest Number: | 006908721FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 06/10/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 3 |
| Waste Number: | D011 |
| Container Number: | 1 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 28 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |
| | |
| Year: | 2014 |
| Manifest Number: | 006736041FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 02/04/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 2 |

**INTA TECHNOLOGIES CORPORATION (Continued)** **S116737720**

| | |
|---|---|
| Waste Number: | D002 |
| Container Number: | 2 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 10 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |

| | |
|---|---|
| Year: | 2014 |
| Manifest Number: | 006908721FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 06/10/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 1 |
| Waste Number: | D002 |
| Container Number: | 1 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |
| Waste Quantity: | 5 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |

| | |
|---|---|
| Year: | 2014 |
| Manifest Number: | 007672296FLE |
| Manifest Type: | TSD Copy |
| Generator EPA Id: | CAL000208958 |
| Generator Date: | 10/15/2014 |
| Mailing Address: | Not reported |
| Mailing City,St,Zip: | Not reported |
| Contact Name: | Not reported |
| Contact Phone: | Not reported |
| TSD EPA Id: | Not reported |
| TSD Date: | Not reported |
| TSD Facility Name: | Abington Reldan Metals LLC |
| TSD Facility Address: | 550 Old Bordentown Rd |
| TSD Facility City: | Fairless Hills |
| TSD Facility State: | PA |
| Facility Telephone: | Not reported |
| Page Number: | 1 |
| Line Number: | 3 |
| Waste Number: | D002 |
| Container Number: | 1 |
| Container Type: | Fiberboard or plastic drums, barrels, kegs |

**INTA TECHNOLOGIES CORPORATION (Continued)** **S116737720**

| | |
|---|---|
| Waste Quantity: | 5 |
| Unit: | Gallons (liquids only) |
| Handling Code: | Not reported |
| TSP EPA Id: | PAR000521294 |
| Date TSP Sig: | Not reported |

Click this hyperlink while viewing on your computer to access
8 additional PA_MANIFEST: record(s) in the EDR Site Report.

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**D33** **INTA TECHNOLOGIES** **CA CERS HAZ WASTE** **S121770545**
**SSE** **2281 CALLE DE LUNA** **CA CERS** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.075 mi.**
**398 ft.** **Site 4 of 7 in cluster D**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 38244 |
| CERS ID: | 10084465 |
| CERS Description: | Hazardous Waste Generator |

Violations:

| | |
|---|---|
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 12/22/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 12/22/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | 40 CFR 1 262.34(d)(5)(i) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(i) |
| Violation Description: | Failure to have an emergency coordinator or a designee onsite during operating hours. |
| Violation Notes: | Returned to compliance on 12/22/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |

**INTA TECHNOLOGIES (Continued)** **S121770545**

Violation Source: CERS

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 12-02-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 12-02-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 38244 |
| Facility Name: | INTA TECHNOLOGIES |
| Env Int Type Code: | HWG |
| Program ID: | 10084465 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409012 |
| Longitude: | -121.965256 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | E. Mendoza |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | INTA TECHNOLOGIES |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Elsa Mendoza |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |

**INTA TECHNOLOGIES (Continued)** **S121770545**

| | |
|---|---|
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 748-9955 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | E. Mendoza |
| Entity Title: | Chemist |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | M. Doshi ( President ) |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 748-9955 |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | M. Doshi ( President) |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 748-9955 |

**INTA TECHNOLOGIES (Continued)** **S121770545**

Site ID: 38244
CERS ID: 10084465
CERS Description: RCRA LQ HW Generator

Violations:

Site ID: 38244
Site Name: INTA TECHNOLOGIES
Violation Date: 12-02-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/22/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 38244
Site Name: INTA TECHNOLOGIES
Violation Date: 12-02-2014
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 12/22/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 38244
Site Name: INTA TECHNOLOGIES
Violation Date: 12-02-2014
Citation: 40 CFR 1 262.34(d)(5)(i) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(i)
Violation Description: Failure to have an emergency coordinator or a designee onsite during operating hours.
Violation Notes: Returned to compliance on 12/22/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2014
Violations Found: Yes

**INTA TECHNOLOGIES (Continued)** **S121770545**

| | |
|---|---|
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 38244 |
| Facility Name: | INTA TECHNOLOGIES |
| Env Int Type Code: | HWG |
| Program ID: | 10084465 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409012 |
| Longitude: | -121.965256 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | E. Mendoza |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | INTA TECHNOLOGIES |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Elsa Mendoza |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 748-9955 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

**INTA TECHNOLOGIES (Continued)** **S121770545**

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | E. Mendoza |
| Entity Title: | Chemist |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | M. Doshi ( President ) |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 748-9955 |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | M. Doshi ( President) |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 748-9955 |

CERS TANKS:

| | |
|---|---|
| Site ID: | 38244 |
| CERS ID: | 10084465 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 12/22/2014. |

**INTA TECHNOLOGIES (Continued)** **S121770545**

| | |
|---|---|
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 12/22/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 38244 |
| Site Name: | INTA TECHNOLOGIES |
| Violation Date: | 12-02-2014 |
| Citation: | 40 CFR 1 262.34(d)(5)(i) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(i) |
| Violation Description: | Failure to have an emergency coordinator or a designee onsite during operating hours. |
| Violation Notes: | Returned to compliance on 12/22/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 12-02-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 12-02-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 38244 |
| Facility Name: | INTA TECHNOLOGIES |
| Env Int Type Code: | HWG |
| Program ID: | 10084465 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.409012 |

**INTA TECHNOLOGIES (Continued)** **S121770545**

Longitude: -121.965256

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: E. Mendoza
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: INTA TECHNOLOGIES
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Elsa Mendoza
Entity Title: Not reported
Affiliation Address: 2281 Calle de Luna
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95054
Affiliation Phone: (408) 748-9955

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2281 Calle de Luna
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95054
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: E. Mendoza
Entity Title: Chemist
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: M. Doshi ( President )
Entity Title: Not reported
Affiliation Address: Not reported

**INTA TECHNOLOGIES (Continued)** **S121770545**

| | |
|---|---|
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 748-9955 |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | M. Doshi ( President) |
| Entity Title: | Not reported |
| Affiliation Address: | 2281 Calle de Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 748-9955 |

---

**D34** **INTERNATIONAL TECHNICAL ASSOCI** **CA CUPA Listings** **S121470397**
**SSE** **2281 CALLE DE LUNA** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.075 mi.**
**398 ft.** **Site 5 of 7 in cluster D**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2205 |
| Program Description: | GENERATES 100 KG YR TO <5 TONS/YR |
| Latitude: | 37.408799 |
| Longitude: | -121.965137 |
| Record ID: | PR0315027 |
| Facility ID: | FA0211759 |

---

**D35** **INTA TECHNOLOGIES** **RCRA-LQG** **1019322385**
**SSE** **2281 CALLE DE LUNA** **CAL000208958**
**< 1/8** **SANTA CLARA, CA 95054**
**0.075 mi.**
**398 ft.** **Site 6 of 7 in cluster D**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 02/04/2016 |
| Facility name: | INTA TECHNOLOGIES |
| Facility address: | 2281 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAL000208958 |
| Mailing address: | CALLE DE LUNA<br>SANTA CLARA, CA 95054 |

**INTA TECHNOLOGIES (Continued)** **1019322385**

Contact: ELSA MENDOZA
Contact address: CALLE DE LUNA
SANTA CLARA, CA 95054
Contact country: US
Contact telephone: 408-748-9955
Contact email: ELSA@INTATECH.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: MINA DOSHI
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1999
Owner/Op end date: Not reported

Owner/operator name: MINA DOSHI
Owner/operator address: CALLE DE LUNA
SANTA CLARA, CA 95054
Owner/operator country: US
Owner/operator telephone: 408-748-9955
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1999
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

**INTA TECHNOLOGIES (Continued)** **1019322385**

| | |
|---|---|
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 131
. Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS)

**INTA TECHNOLOGIES (Continued)** **1019322385**

ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 12181

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 2495.4

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 8578

Waste code: D011
Waste name: SILVER
Amount (Lbs): 1075.9

Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Amount (Lbs): 2477.1

Waste code: F007
Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS
Amount (Lbs): 1511.3

Waste code: F009

**INTA TECHNOLOGIES (Continued)** **1019322385**

Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
Amount (Lbs): 458.7

Violation Status: No violations found

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**E36 SE < 1/8 0.078 mi. 412 ft.** | **DOUBLE PRECISION MFG.** | **RCRA-SQG FINDS ECHO** | **1000182255 CAD981676471**
**2271 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**Site 1 of 11 in cluster E**

**Relative: Higher**

**Actual: 10 ft.**

RCRA-SQG:
Date form received by agency: 10/06/1986
Facility name: ABACUS MACHINING & MECHANICAL ASSY INC
Facility address: 2271 CALLE DE LUNA
SANTA CLARA, CA 95054
EPA ID: CAD981676471
Mailing address: CALLE DE LUNA
SANTA CLARA, CA 95054
Contact: ENVIRONMENTAL MANAGER
Contact address: 2271 CALLE DE LUNA
SANTA CLARA, CA 95054
Contact country: US
Contact telephone: 408-988-1355
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: STANLEY W WRIGHT
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

**DOUBLE PRECISION MFG. (Continued)** **1000182255**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110055681329

Environmental Interest/Information System
STATE MASTER

Registry ID: 110002747163

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000182255
Registry ID: 110002747163
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002747163

**F37 SW < 1/8 0.087 mi. 459 ft.** | **SUN CIRCUITS INC** | **CA CUPA Listings** | **S121470409** | **N/A**
**2354 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054**

**Site 1 of 5 in cluster F**

**Relative: Higher**
**Actual: 12 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2205 |
| Program Description: | GENERATES 100 KG YR TO <5 TONS/YR |
| Latitude: | 37.409273 |
| Longitude: | -121.966861 |
| Record ID: | PR0317917 |
| Facility ID: | FA0211795 |

---

**D38 SSW < 1/8 0.089 mi. 470 ft.** | **AMALAR INC** | **RCRA-SQG** | **1000277480**
**2317 CALLE DE LUNA** | **FINDS** | **CAD982029779**
**SANTA CLARA, CA 95054** | **ECHO**

**Site 7 of 7 in cluster D**

**Relative: Higher**
**Actual: 11 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 09/01/1996 |
| Facility name: | AMALAR INC |
| Facility address: | 2317 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD982029779 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | RICHARD WILLS |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |

**AMALAR INC (Continued)** **1000277480**

Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/03/1987
Site name: AMALAR INC
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002782267

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000277480
Registry ID: 110002782267
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002782267

**G39 SSW < 1/8 0.092 mi. 488 ft.** | **L P GLASSBLOWING INC 2325 CALLE DE LUNA SANTA CLARA, CA 95054** | **CA CERS HAZ WASTE CA CERS** | **S121742263 N/A**

**Site 1 of 8 in cluster G**

**Relative: Higher**

**Actual: 12 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 128582 |
| CERS ID: | 10084474 |
| CERS Description: | Hazardous Waste Generator |

Violations:

| | |
|---|---|
| Site ID: | 128582 |
| Site Name: | L P GLASSBLOWING INC |
| Violation Date: | 02-27-2014 |
| Citation: | 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii) |
| Violation Description: | Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers. |
| Violation Notes: | Returned to compliance on 08/04/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 128582 |
| Site Name: | L P GLASSBLOWING INC |
| Violation Date: | 02-27-2014 |
| Citation: | 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5 |
| Violation Description: | Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1. |
| Violation Notes: | Returned to compliance on 08/04/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 128582 |
| Site Name: | L P GLASSBLOWING INC |
| Violation Date: | 02-27-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Not reported |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-27-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |

**L P GLASSBLOWING INC (Continued)** **S121742263**

| | |
|---|---|
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-27-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 128582 |
| Site Name: | L P GLASSBLOWING INC |
| Site Address: | 2325 CALLE DE LUNA |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 11-21-2014 |
| Enf Action Type: | AEO - Unified Program |
| Enf Action Description: | Administrative Enforcement Order Based on the Unified Program Statute |
| Enf Action Notes: | Fines/Penalties Assessed: $250.00. Failure to comply in regards to HMBP submittal. |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | UNSPEC |
| Enf Action Source: | CERS |
| Site ID: | 128582 |
| Site Name: | L P GLASSBLOWING INC |
| Site Address: | 2325 CALLE DE LUNA |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 11-21-2014 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | HMRRP |
| Enf Action Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 128582 |
| Facility Name: | L P GLASSBLOWING INC |
| Env Int Type Code: | HWG |
| Program ID: | 10084474 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.408520 |
| Longitude: | -121.966690 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | LP Glassblowing |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |

**L P GLASSBLOWING INC (Continued)** **S121742263**

| | |
|---|---|
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-7561 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Steve Pittl |
| Entity Title: | GM |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Ray Cano |
| Entity Title: | Not reported |
| Affiliation Address: | 2325 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-8982 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2325 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Leopold Pivk |
| Entity Title: | Not reported |
| Affiliation Address: | 2325 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-7561 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |

**L P GLASSBLOWING INC (Continued)** **S121742263**

| | |
|---|---|
| Entity Name: | L P GLASSBLOWING INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

CERS TANKS:

| | |
|---|---|
| Site ID: | 128582 |
| CERS ID: | 10084474 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 128582 |
| Site Name: | L P GLASSBLOWING INC |
| Violation Date: | 02-27-2014 |
| Citation: | 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii) |
| Violation Description: | Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers. |
| Violation Notes: | Returned to compliance on 08/04/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 128582 |
| Site Name: | L P GLASSBLOWING INC |
| Violation Date: | 02-27-2014 |
| Citation: | 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5 |
| Violation Description: | Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1. |
| Violation Notes: | Returned to compliance on 08/04/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 128582 |
| Site Name: | L P GLASSBLOWING INC |
| Violation Date: | 02-27-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Not reported |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

**L P GLASSBLOWING INC (Continued)** **S121742263**

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-27-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-27-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 128582 |
| Site Name: | L P GLASSBLOWING INC |
| Site Address: | 2325 CALLE DE LUNA |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 11-21-2014 |
| Enf Action Type: | AEO - Unified Program |
| Enf Action Description: | Administrative Enforcement Order Based on the Unified Program Statute |
| Enf Action Notes: | Fines/Penalties Assessed: $250.00. Failure to comply in regards to HMBP submittal. |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | UNSPEC |
| Enf Action Source: | CERS |

| | |
|---|---|
| Site ID: | 128582 |
| Site Name: | L P GLASSBLOWING INC |
| Site Address: | 2325 CALLE DE LUNA |
| Site City: | SANTA CLARA |
| Site Zip: | 95054 |
| Enf Action Date: | 11-21-2014 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Santa Clara City Fire Department |
| Enf Action Program: | HMRRP |
| Enf Action Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 128582 |
| Facility Name: | L P GLASSBLOWING INC |
| Env Int Type Code: | HWG |
| Program ID: | 10084474 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.408520 |
| Longitude: | -121.966690 |

**L P GLASSBLOWING INC (Continued)** **S121742263**

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | LP Glassblowing |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 988-7561 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Steve Pittl |
| Entity Title: | GM |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Ray Cano |
| Entity Title: | Not reported |
| Affiliation Address: | 2325 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-8982 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2325 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Leopold Pivk |
| Entity Title: | Not reported |
| Affiliation Address: | 2325 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |

**L P GLASSBLOWING INC (Continued)** **S121742263**

| | |
|---|---|
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-7561 |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | L P GLASSBLOWING INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

---

**E40 ESE < 1/8 0.099 mi. 521 ft.**

**SHIBAURA TECH INT**
**2221 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**RCRA-SQG FINDS ECHO**

**1001126664**
**CAR000017319**

**Site 2 of 11 in cluster E**

**Relative: Lower**

**Actual: 9 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 01/14/1997 |
| Facility name: | SHIBAURA TECH INT |
| Facility address: | 2221 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAR000017319 |
| Mailing address: | CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact: | OSAMU WATANABE |
| Contact address: | 2221 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-727-0768 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | SHIBAURA TECH INT |
| Owner/operator address: | 2221 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 408-727-0768 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

**SHIBAURA TECH INT (Continued)** **1001126664**

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

FINDS:

Registry ID: 110002915659

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1001126664 |
| Registry ID: | 110002915659 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002915659 |

---

**E41** **SHIBAURA TECHNOLOGY INTL CO** **CA CUPA Listings** **S121471302**
**ESE** **2221 CALLE DE LUNA** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.099 mi.**
**521 ft.** **Site 3 of 11 in cluster E**

**Relative:**
**Lower**

**Actual:**
**9 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2205 |
| Program Description: | GENERATES 100 KG YR TO <5 TONS/YR |

**SHIBAURA TECHNOLOGY INTL CO (Continued)** **S121471302**

Latitude: 37.40966
Longitude: -121.963599
Record ID: PR0330630
Facility ID: FA0230580

---

**H42**
**East**
**< 1/8**
**0.102 mi.**
**536 ft.**

**BILL DORAN CO.** **CA LUST** **S100466584**
**2200 CALLE DE LUNA** **CA HIST LUST** **N/A**
**SANTA CLARA, CA 95054** **CA HIST CORTESE**

**Site 1 of 4 in cluster H**

**Relative:**
**Lower**

**Actual:**
**8 ft.**

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 06S1W15F01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 5/2/1988
Pollution Characterization Began: 5/14/1993
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 8/16/1993

HIST LUST SANTA CLARA:
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 06S1W15F01
Oversite Agency: SCVWD
Date Listed: 1989-01-01 00:00:00
Closed Date: 1995-05-01 00:00:00

HIST CORTESE:
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-0180

---

**H43**
**East**
**< 1/8**
**0.102 mi.**
**536 ft.**

**BILL DORAN CO.** **CA LUST** **U001601910**
**2200 CALLE DE LUNA** **CA HIST UST** **N/A**
**SANTA CLARA, CA 95054** **CA CERS**

**Site 2 of 4 in cluster H**

**Relative:**
**Lower**

**Actual:**
**8 ft.**

LUST:
Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500244
Global Id: T0608500244
Latitude: 37.41
Longitude: -121.963

**BILL DORAN CO. (Continued)** **U001601910**

| | |
|---|---|
| Status: | Completed - Case Closed |
| Status Date: | 05/01/1995 |
| Case Worker: | UST |
| RB Case Number: | Not reported |
| Local Agency: | SANTA CLARA COUNTY LOP |
| File Location: | All Files are on GeoTracker or in the Local Agency Database |
| Local Case Number: | Not reported |
| Potential Media Affect: | Other Groundwater (uses other than drinking water) |
| Potential Contaminants of Concern: | Gasoline |
| Site History: | Not reported |

LUST:

| | |
|---|---|
| Global Id: | T0608500244 |
| Contact Type: | Regional Board Caseworker |
| Contact Name: | Regional Water Board |
| Organization Name: | SAN FRANCISCO BAY RWQCB (REGION 2) |
| Address: | 1515 CLAY ST SUITE 1400 |
| City: | OAKLAND |
| Email: | Not reported |
| Phone Number: | Not reported |

| | |
|---|---|
| Global Id: | T0608500244 |
| Contact Type: | Local Agency Caseworker |
| Contact Name: | UST CASE WORKER |
| Organization Name: | SANTA CLARA COUNTY LOP |
| Address: | 1555 Berger Drive, Suite 300 |
| City: | SAN JOSE |
| Email: | Not reported |
| Phone Number: | 4089183400 |

LUST:

| | |
|---|---|
| Global Id: | T0608500244 |
| Action Type: | RESPONSE |
| Date: | 01/01/1989 |
| Action: | Other Report / Document |

| | |
|---|---|
| Global Id: | T0608500244 |
| Action Type: | RESPONSE |
| Date: | 01/01/1989 |
| Action: | Other Report / Document |

| | |
|---|---|
| Global Id: | T0608500244 |
| Action Type: | RESPONSE |
| Date: | 01/01/1989 |
| Action: | Other Report / Document |

| | |
|---|---|
| Global Id: | T0608500244 |
| Action Type: | RESPONSE |
| Date: | 01/01/1989 |
| Action: | Other Report / Document |

| | |
|---|---|
| Global Id: | T0608500244 |
| Action Type: | RESPONSE |
| Date: | 01/01/1989 |
| Action: | Other Report / Document |

| | |
|---|---|
| Global Id: | T0608500244 |

**BILL DORAN CO. (Continued)** **U001601910**

Action Type: Other
Date: 05/02/1988
Action: Leak Reported

Global Id: T0608500244
Action Type: ENFORCEMENT
Date: 05/01/1995
Action: Closure/No Further Action Letter

Global Id: T0608500244
Action Type: ENFORCEMENT
Date: 06/19/1989
Action: Notice of Responsibility - #40392

LUST:
Global Id: T0608500244
Status: Completed - Case Closed
Status Date: 05/01/1995

Global Id: T0608500244
Status: Open - Case Begin Date
Status Date: 05/02/1988

Global Id: T0608500244
Status: Open - Site Assessment
Status Date: 05/02/1988

Global Id: T0608500244
Status: Open - Site Assessment
Status Date: 05/14/1993

Global Id: T0608500244
Status: Open - Verification Monitoring
Status Date: 08/16/1993

LUST SANTA CLARA:
Region: SANTA CLARA
SCVWD ID: 06S1W15F01F
Date Closed: 05/01/1995
EDR Link ID: 06S1W15F01F

HIST UST:
File Number: 0002CEC2
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002CEC2.pdf
Region: STATE
Facility ID: 00000006838
Facility Type: Other
Other Type: WHOLESALE FLORIST
Contact Name: ROBERT ESPINOZA
Telephone: 4089880991
Owner Name: BILL DORAN COMPANY
Owner Address: 619 WEST JEFFERSON STREET
Owner City,St,Zip: ROCKFORD, IL 61103
Total Tanks: 0001

**BILL DORAN CO. (Continued)** **U001601910**

| | |
|---|---|
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | 1978 |
| Tank Capacity: | 00002000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | REGULAR |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Visual |

Click here for Geo Tracker PDF:

CERS TANKS:

| | |
|---|---|
| Site ID: | 194943 |
| CERS ID: | T0608500244 |
| CERS Description: | Leaking Underground Storage Tank Cleanup Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2) |
| Entity Title: | Not reported |
| Affiliation Address: | 1515 CLAY ST SUITE 1400 |
| Affiliation City: | OAKLAND |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Local Agency Caseworker |
| Entity Name: | UST CASE WORKER - SANTA CLARA COUNTY LOP |
| Entity Title: | Not reported |
| Affiliation Address: | 1555 Berger Drive, Suite 300 |
| Affiliation City: | SAN JOSE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | 4089183400 |

---

**E44** **ALTATRON INC** **RCRA-SQG** **1000159684**
**SE** **2264 CALLE DE LUNA** **FINDS** **CAD118169325**
**< 1/8** **SANTA CLARA, CA 95054** **ECHO**
**0.107 mi.** **CA HAZNET**
**564 ft.** **Site 4 of 11 in cluster E**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 09/30/1986 |
| Facility name: | ALTATRON INC |
| Facility address: | 2264 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD118169325 |
| Mailing address: | CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2264 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-986-1066 |
| Contact email: | Not reported |

**ALTATRON INC (Continued)** **1000159684**

EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: JENG JOE
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002667677

**ALTATRON INC (Continued)** **1000159684**

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000159684 |
| Registry ID: | 110002667677 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002667677 |

HAZNET:

| | |
|---|---|
| envid: | 1000159684 |
| Year: | 2000 |
| GEPAID: | CAD118169325 |
| Contact: | -- |
| Telephone: | -- |
| Mailing Name: | Not reported |
| Mailing Address: | 2264 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD059494310 |
| TSD County: | Not reported |
| Waste Category: | Unspecified organic liquid mixture |
| Disposal Method: | Disposal, Other |
| Tons: | 1.02 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000159684 |
| Year: | 2000 |
| GEPAID: | CAD118169325 |
| Contact: | -- |
| Telephone: | -- |
| Mailing Name: | Not reported |
| Mailing Address: | 2264 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD059494310 |
| TSD County: | Not reported |
| Waste Category: | Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals)) |
| Disposal Method: | Treatment, Tank |
| Tons: | 9.79 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

envid: 1000159684

**ALTATRON INC (Continued)** **1000159684**

| | |
|---|---|
| Year: | 2000 |
| GEPAID: | CAD118169325 |
| Contact: | -- |
| Telephone: | -- |
| Mailing Name: | Not reported |
| Mailing Address: | 2264 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD059494310 |
| TSD County: | Not reported |
| Waste Category: | Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals)) |
| Disposal Method: | Disposal, Other |
| Tons: | 357.63 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000159684 |
| Year: | 2000 |
| GEPAID: | CAD118169325 |
| Contact: | -- |
| Telephone: | -- |
| Mailing Name: | Not reported |
| Mailing Address: | 2264 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD059494310 |
| TSD County: | Not reported |
| Waste Category: | Alkaline solution without metals pH >= 12.5 |
| Disposal Method: | Disposal, Other |
| Tons: | 0.12 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000159684 |
| Year: | 2000 |
| GEPAID: | CAD118169325 |
| Contact: | -- |
| Telephone: | -- |
| Mailing Name: | Not reported |
| Mailing Address: | 2264 CALLE DE LUNA |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAL000024110 |
| TSD County: | Not reported |
| Waste Category: | Other inorganic solid waste |
| Disposal Method: | Recycler |
| Tons: | 22.75 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

Click this hyperlink while viewing on your computer to access
19 additional CA_HAZNET: record(s) in the EDR Site Report.

**E45 SE < 1/8 0.107 mi. 564 ft.** | **COATEK INC**
**2272 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**Site 5 of 11 in cluster E** | **RCRA-LQG** | **1012175519**
**CAD000034769**

**Relative: Higher**

**Actual: 10 ft.**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 02/17/2016 |
| Facility name: | COATEK INC |
| Facility address: | 2272 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD000034769 |
| Mailing address: | CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact: | QUANG UONG |
| Contact address: | CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-986-9385 |
| Contact email: | QUANGUONG@COATEK.COM |
| EPA Region: | 09 |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | COATEK INC |
| Owner/operator address: | Not reported<br>Not reported |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 01/01/1998 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | COATEK INC |
| Owner/operator address: | CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Owner/operator country: | US |
| Owner/operator telephone: | 408-986-9385 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |

**COATEK INC (Continued)** **1012175519**

Owner/Op start date: 11/01/1998
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Historical Generators:
Date form received by agency: 03/01/2014
Site name: COATEK INC
Classification: Large Quantity Generator

. Waste code: 181
. Waste name: Other inorganic solid waste

**COATEK INC (Continued)** **1012175519**

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 725
. Waste name: Liquids with mercury > 20 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Date form received by agency: 02/14/2008
Site name: COATEK INC.
Classification: Large Quantity Generator

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

**COATEK INC (Continued)** **1012175519**

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

| | |
|---|---|
| Waste code: | D007 |
| Waste name: | CHROMIUM |
| Amount (Lbs): | 14311.9 |
| Waste code: | D008 |
| Waste name: | LEAD |
| Amount (Lbs): | 2272 |
| Waste code: | F008 |
| Waste name: | PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS. |
| Amount (Lbs): | 14311.9 |
| Violation Status: | No violations found |

---

**E46**
**SE**
**< 1/8**
**0.107 mi.**
**564 ft.**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

**COATEK INC.** **RCRA-LQG** **1010313045**
**2272 CALLE DE LUNA** **CAL000034769**
**SANTA CLARA, CA 95054**

**Site 6 of 11 in cluster E**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 03/02/2012 |
| Facility name: | COATEK INC. |
| Facility address: | 2272 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAL000034769 |
| Mailing address: | CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact: | QUANG UONG |
| Contact address: | CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-986-9385 |
| Contact email: | QUANGUONG@COATEK.COM |
| EPA Region: | 09 |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | COATEK INC. |
| Owner/operator address: | CALLE DE LUNA |

**COATEK INC. (Continued)** **1010313045**

| | |
|---|---|
| | SANTA CLARA, CA 95054 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 408-986-9385 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 11/01/1989 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | COATEK INC. |
| Owner/operator address: | CALLE DE LUNA |
| | SANTA CLARA, CA 95054 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 408-986-9385 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 11/01/1989 |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

. Waste code: D008
. Waste name: LEAD

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

Historical Generators:

| | |
|---|---|
| Date form received by agency: | 09/13/2010 |
| Site name: | COATEK INC |
| Classification: | Large Quantity Generator |

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 726

**COATEK INC. (Continued)** **1010313045**

. Waste name: Liquids with nickel > 134 mg/l

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/25/2006
Site name: COATEK INC
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

Date form received by agency: 02/25/2006
Site name: COATEK INC
Classification: Small Quantity Generator

Violation Status: No violations found

---

**E47** **COATEK INC** **CA ENVIROSTOR** **S100624096**
**SE** **2272 CALLE DE LUNA** **CA CUPA Listings** **N/A**
**< 1/8** **SANTA CLARA, CA 95054** **CA EMI**
**0.107 mi.** **CA NPDES**
**564 ft.** **Site 7 of 11 in cluster E** **CA CIWQS**
**CA CERS**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

ENVIROSTOR:
Facility ID: 71003228
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit

**COATEK INC (Continued)** **S100624096**

Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.40859
Longitude: -121.9638
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000034769
Alias Type: EPA Identification Number
Alias Name: 71003228
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CUPA SANTA CLARA:
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Latitude: 37.408795
Longitude: -121.964242
Record ID: PR0313255
Facility ID: FA0211755

EMI:
Year: 1993
County Code: 43
Air Basin: SF
Facility ID: 5323

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 3 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1995 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 9 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1996 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 9 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1997 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 9 |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1998 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 9 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1999 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 9 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2000 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 9 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Year: | 2001 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 8 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2002 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 8 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2003 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2004 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.103 |
| Reactive Organic Gases Tons/Yr: | 0.0668943 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.031 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.0279 |

| | |
|---|---|
| Year: | 2005 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545847 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .424 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .3816 |

| | |
|---|---|
| Year: | 2006 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545847 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .424 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .3816 |

| | |
|---|---|
| Year: | 2007 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545847 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .424 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .3816 |

| | |
|---|---|
| Year: | 2008 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545847 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .424 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .3816 |

| | |
|---|---|
| Year: | 2009 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545846999999998 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.42399999999999999 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.38159999999999999 |

| | |
|---|---|
| Year: | 2010 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545846999999998 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.42399999999999999 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.38159999999999999 |

| | |
|---|---|
| Year: | 2011 |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545847 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2012 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545847 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.33 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.297 |

| | |
|---|---|
| Year: | 2013 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.96 |
| Reactive Organic Gases Tons/Yr: | 5.9545847 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.424 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.297 |

| | |
|---|---|
| Year: | 2014 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.960450453 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.42448495 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.297139462 |

| | |
|---|---|
| Year: | 2015 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.960450109 |
| Reactive Organic Gases Tons/Yr: | 6.960450109 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0.424485 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.2971395 |

| | |
|---|---|
| Year: | 2016 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5323 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6.960450453 |
| Reactive Organic Gases Tons/Yr: | 5.9621662831 |
| Carbon Monoxide Emissions Tons/Yr: | Not reported |
| NOX - Oxides of Nitrogen Tons/Yr: | Not reported |
| SOX - Oxides of Sulphur Tons/Yr: | Not reported |
| Particulate Matter Tons/Yr: | 0.42448495 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.297139462 |

NPDES:

| | |
|---|---|
| Facility Status: | Terminated |
| NPDES Number: | CAS000001 |
| Region: | 2 |
| Agency Number: | 0 |
| Regulatory Measure ID: | 183948 |
| Place ID: | Not reported |
| Order Number: | 97-03-DWQ |
| WDID: | 2 43I006900 |
| Regulatory Measure Type: | Enrollee |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 05/07/1992 |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Termination Date Of Regulatory Measure: | 04/11/2016 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | 2272 Calle De Luna |
| Discharge Name: | Coatek Inc |
| Discharge City: | Santa Clara |
| Discharge State: | California |
| Discharge Zip: | 95054 |
| Status: | Not reported |
| Status Date: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | CAS000001 |
| Status: | Terminated |
| Agency Number: | 0 |
| Region: | 2 |
| Regulatory Measure ID: | 183948 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 2 43I006900 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 05/07/1992 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | 04/11/2016 |
| Discharge Name: | Coatek Inc |
| Discharge Address: | 2272 Calle De Luna |
| Discharge City: | Santa Clara |
| Discharge State: | California |
| Discharge Zip: | 95054 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 2 |
| Regulatory Measure ID: | 183948 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 2 43I006900 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | 04/11/2016 |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 05/07/1992 |
| Status: | Terminated |
| Status Date: | 10/12/2016 |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Place Size: | 8025 |
| Place Size Unit: | SqFt |
| Contact: | Quang Uong |
| Contact Title: | Not reported |
| Contact Phone: | 408-986-9385 |
| Contact Phone Ext: | Not reported |
| Contact Email: | quanguong@coatek.com |
| Operator Name: | Coatek Inc |
| Operator Address: | 2272 Calle De Luna |
| Operator City: | Santa Clara |
| Operator State: | California |
| Operator Zip: | 95054 |
| Operator Contact: | Quang Uong |
| Operator Contact Title: | president |
| Operator Contact Phone: | 408-986-9385 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | quanguong@coatek.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 408-986-9385 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | Coyote Creek |
| Certifier: | Quang Uong |
| Certifier Title: | GM |
| Certification Date: | 19-MAY-15 |
| Primary Sic: | 3672-Printed Circuit Boards |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 2 43I006900 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Terminated |
| Status Date: | 10/12/2016 |
| Operator Name: | Coatek Inc |
| Operator Address: | 2272 Calle De Luna |
| Operator City: | Santa Clara |
| Operator State: | California |
| Operator Zip: | 95054 |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | CAS000001 |
| Status: | Terminated |
| Agency Number: | 0 |
| Region: | 2 |
| Regulatory Measure ID: | 183948 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 2 43I006900 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 05/07/1992 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | 04/11/2016 |
| Discharge Name: | Coatek Inc |
| Discharge Address: | 2272 Calle De Luna |
| Discharge City: | Santa Clara |
| Discharge State: | California |
| Discharge Zip: | 95054 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 2 |
| Regulatory Measure ID: | 183948 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 2 43I006900 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | 04/11/2016 |

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 05/07/1992 |
| Status: | Terminated |
| Status Date: | 10/12/2016 |
| Place Size: | 8025 |
| Place Size Unit: | SqFt |
| Contact: | Quang Uong |
| Contact Title: | Not reported |
| Contact Phone: | 408-986-9385 |
| Contact Phone Ext: | Not reported |
| Contact Email: | quanguong@coatek.com |
| Operator Name: | Coatek Inc |
| Operator Address: | 2272 Calle De Luna |
| Operator City: | Santa Clara |
| Operator State: | California |
| Operator Zip: | 95054 |
| Operator Contact: | Quang Uong |
| Operator Contact Title: | president |
| Operator Contact Phone: | 408-986-9385 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | quanguong@coatek.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 408-986-9385 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | Coyote Creek |
| Certifier: | Quang Uong |
| Certifier Title: | GM |

**COATEK INC (Continued)** **S100624096**

Certification Date: 19-MAY-15
Primary Sic: 3672-Printed Circuit Boards
Secondary Sic: Not reported
Tertiary Sic: Not reported

CIWQS:
Agency: Coatek Inc
Agency Address: 2272 Calle De Luna, Santa Clara, CA 95054
Place/Project Type: Industrial - Printed Circuit Boards
SIC/NAICS: 3672
Region: 2
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 2 43I006900
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 05/07/1992
Termination Date: 04/11/2016
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.40894
Longitude: -121.96426

CERS TANKS:
Site ID: 20713
CERS ID: 95054CTKNC2272C
CERS Description: Toxic Release Inventory

Affiliation:
Affiliation Type Desc: Public Contact
Entity Name: QUANG UONG
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 95054
Affiliation Phone: 4089869385

Affiliation Type Desc: Technical Contact
Entity Name: QUANG UONG
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 95054
Affiliation Phone: 4089869385

**COATEK INC (Continued)** **S100624096**

| | |
|---|---|
| Affiliation Type Desc: | Company Official |
| Entity Name: | QUANG UONG |
| Entity Title: | PRESIDENT |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

---

**F48** **SUN CIRCUITS, INC.** **RCRA-SQG** **1000857166**
**SW** **5191 LAFAYETTE STREET** **CA0000068809**
**< 1/8** **SANTA CLARA, CA 95054**
**0.110 mi.**
**583 ft.** **Site 2 of 5 in cluster F**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 02/21/2002 |
| Facility name: | SUN CIRCUITS, INC. |
| Facility address: | 5191 LAFAYETTE STREET<br>SANTA CLARA, CA 95054 |
| EPA ID: | CA0000068809 |
| Mailing address: | 2314 CALLE DEL MUNDO<br>SANTA CLARA, CA 95054 |
| Contact: | MARK SHEBBY |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | 408-727-7784 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Land type: | Private |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | MARK SHEBBY |
| Owner/operator address: | Not reported<br>Not reported |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 10/01/1985 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | MARK SHEBBY |
| Owner/operator address: | Not reported<br>Not reported |

**SUN CIRCUITS, INC. (Continued)** **1000857166**

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/01/1985
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/21/2002
Site name: SUN CIRCUITS, INC.
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D011
. Waste name: SILVER

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM;

**SUN CIRCUITS, INC. (Continued)** **1000857166**

(2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 10/12/2000
Site name: SUN CIRCUITS, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: SUN CIRCUITS, INC.
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: SUN CIRCUITS INC
Classification: Small Quantity Generator

Date form received by agency: 02/27/1996
Site name: SUN CIRCUITS, INC.
Classification: Large Quantity Generator

Date form received by agency: 11/16/1993
Site name: SUN CIRCUITS INC
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/06/2003
Date achieved compliance: 11/06/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/06/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/06/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/06/2003
Evaluation lead agency: State Contractor/Grantee

| | | | |
|---|---|---|---|
| **F49** | **SUN CIRCUITS INC** | **RCRA-LQG** | **1007198609** |
| **SW** | **5191 LAFAYETTE ST.** | **CA ENVIROSTOR** | **CAD000068809** |
| **< 1/8** | **SANTA CLARA, CA 95054** | **FINDS** | |
| **0.110 mi.** | | **ECHO** | |
| **583 ft.** | **Site 3 of 5 in cluster F** | **CA WDS** | |

**Relative:**
**Higher**

**Actual:**
**12 ft.**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 03/24/1994 |
| Facility name: | SUN CIRCUITS INC |
| Facility address: | 5191 LAFAYETTE ST<br>SANTA CLARA, CA 95054-0000 |
| EPA ID: | CAD000068809 |
| Mailing address: | 5124 CALLE DEL SOL<br>SANTA CLARA, CA 95054-0000 |
| Contact: | SUZANNE REED |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | 408-727-7784 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71003561 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |

**SUN CIRCUITS INC (Continued)** **1007198609**

Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.40867
Longitude: -121.9677
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA0000068809
Alias Type: EPA Identification Number
Alias Name: 110000484468
Alias Type: EPA (FRS #)
Alias Name: 71003561
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110055664286

Environmental Interest/Information System
STATE MASTER

Registry ID: 110000484468

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART)

**SUN CIRCUITS INC (Continued)** **1007198609**

provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZARDOUS AIR POLLUTANT MAJOR

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1007198609 |
| Registry ID: | 110000484468 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110000484468 |

WDS:

| | |
|---|---|
| Facility ID: | San Francisco Bay 43I012663 |
| Facility Type: | Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping. |
| Facility Status: | Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. |
| NPDES Number: | CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board |
| Subregion: | 2 |
| Facility Telephone: | 4087277784 |
| Facility Contact: | RICK PITNEY |
| Agency Name: | SUN CIRCUITS INC |
| Agency Address: | 2314 CALLE DE MUNDO |
| Agency City,St,Zip: | SANTA CLARA 95054 |
| Agency Contact: | MARK SHEBBY |
| Agency Telephone: | 4087277784 |
| Agency Type: | Private |
| SIC Code: | 0 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Not reported |
| Primary Waste: | Not reported |

**SUN CIRCUITS INC (Continued)** **1007198609**

| | |
|---|---|
| Waste Type2: | Not reported |
| Waste2: | Not reported |
| Primary Waste Type: | Not reported |
| Secondary Waste: | Not reported |
| Secondary Waste Type: | Not reported |
| Design Flow: | 0 |
| Baseline Flow: | 0 |
| Reclamation: | Not reported |
| POTW: | Not reported |
| Treat To Water: | Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality. |
| Complexity: | Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds. |

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**F50** **SUN CIRCUITS INC** **CA CUPA Listings** **S121470655**
**SW** **5191 LAFAYETTE AV** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.110 mi.**
**583 ft.** **Site 4 of 5 in cluster F**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2208 |
| Program Description: | GENERATES 50 TO <250 TONS/YR |
| Latitude: | 37.408749 |
| Longitude: | -121.967743 |
| Record ID: | PR0314006 |
| Facility ID: | FA0212632 |

---

**E51** **CODY ELECTRONICS INC** **CA CUPA Listings** **S113165221**
**SSE** **5128 CALLE DEL SOL** **CA HAZNET** **N/A**
**< 1/8** **SANTA CLARA, CA 95054**
**0.111 mi.**
**587 ft.** **Site 8 of 11 in cluster E**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2202 |
| Program Description: | GENERATES < 100 KG/YR |
| Latitude: | 37.407888 |
| Longitude: | -121.964471 |
| Record ID: | PR0313720 |
| Facility ID: | FA0212628 |

HAZNET:

| | |
|---|---|
| envid: | S113165221 |
| Year: | 2007 |
| GEPAID: | CAL920714076 |

**CODY ELECTRONICS INC (Continued)** **S113165221**

| | |
|---|---|
| Contact: | SCOTT M CODY PRES |
| Telephone: | 4084965700 |
| Mailing Name: | Not reported |
| Mailing Address: | 5128 CALLE DEL SOL |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD044429835 |
| TSD County: | Not reported |
| Waste Category: | Unspecified organic liquid mixture |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.18 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113165221 |
| Year: | 2003 |
| GEPAID: | CAL920714076 |
| Contact: | SCOTT M CODY PRES |
| Telephone: | 4084965700 |
| Mailing Name: | Not reported |
| Mailing Address: | 5128 CALLE DEL SOL |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | NJD986610335 |
| TSD County: | Not reported |
| Waste Category: | Other inorganic solid waste |
| Disposal Method: | Recycler |
| Tons: | 0.62 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113165221 |
| Year: | 2002 |
| GEPAID: | CAL920714076 |
| Contact: | SCOTT M CODY PRES |
| Telephone: | 4084965700 |
| Mailing Name: | Not reported |
| Mailing Address: | 5128 CALLE DEL SOL |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | NJD986610335 |
| TSD County: | Not reported |
| Waste Category: | Other inorganic solid waste |
| Disposal Method: | Recycler |
| Tons: | 0.53 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113165221 |
| Year: | 2001 |
| GEPAID: | CAL920714076 |
| Contact: | SCOTT M CODY PRES |
| Telephone: | 4084965700 |

**CODY ELECTRONICS INC (Continued)** **S113165221**

| | |
|---|---|
| Mailing Name: | Not reported |
| Mailing Address: | 5128 CALLE DEL SOL |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | NJD986610335 |
| TSD County: | Not reported |
| Waste Category: | Other inorganic solid waste |
| Disposal Method: | Recycler |
| Tons: | 0.86 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113165221 |
| Year: | 2000 |
| GEPAID: | CAL920714076 |
| Contact: | SCOTT M CODY PRES |
| Telephone: | 4084965700 |
| Mailing Name: | Not reported |
| Mailing Address: | 5128 CALLE DEL SOL |
| Mailing City,St,Zip: | SANTA CLARA, CA 950540000 |
| Gen County: | Not reported |
| TSD EPA ID: | NJD986610335 |
| TSD County: | Not reported |
| Waste Category: | Other inorganic solid waste |
| Disposal Method: | Recycler |
| Tons: | 0.49 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

Click this hyperlink while viewing on your computer to access
5 additional CA_HAZNET: record(s) in the EDR Site Report.

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**E52**
**SSE**
**< 1/8**
**0.112 mi.**
**594 ft.**

**SUN CIRCUITS INC** **MN MANIFEST** **S119124933**
**5124 CALLE DEL SOL** **N/A**
**SANTA CLARA, CA 95054**

**Site 9 of 11 in cluster E**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

MANIFEST:

| | |
|---|---|
| Manifest ID: | 1925 |
| Generator ID: | CA0000068882 |
| Generator AI ID: | 40781 |
| Transporter 1 ID: | CAD095991253 |
| Transporter 1 AI ID: | 17153 |
| Transporter 1 AI Name: | Great Western Chemical Milpitas |
| Transporter 1 Address: | 945 Ames Ave |
| Transporter 1 City: | Milpitas |
| Transporter 1 State: | CA |
| Transporter 1 ZIP: | 95035-6326 |
| Transporter 2 ID: | CAD063547996 |
| Transporter 2 AI ID: | 34116 |
| Transporter 2 AI Name: | Allwaste Transporation & Remediation |
| Transporter 2 Address: | 12475A Llagas Ave |
| Transporter 2 City: | San Martin |
| Transporter 2 State: | CA |
| Transporter 2 ZIP: | 95046 |

**SUN CIRCUITS INC (Continued)** **S119124933**

| | |
|---|---|
| TSD ID: | MND981098478 |
| TSD AI ID: | 8214 |
| TSD AI Name: | Evoqua Water Technologies LLC |
| TSD Address: | 2430 Rose Pl |
| TSD City: | Roseville |
| TSD State: | MN |
| TSD Zip: | 55113 |
| Gen Copy Recd Date: | 5/23/1996 0:00:00 |
| Fac Copy Recd Date: | 1996-03-13 00:00:00 |
| Gen Ship Date: | 1996-02-22 00:00:00 |
| Trans 1 Recd Date: | 1996-02-22 00:00:00 |
| Trans 2 Recd Date: | 3/1/1996 0:00:00 |
| Tsd Recd Date: | 1996-03-05 00:00:00 |
| Comments: | Not reported |

Detail:

| | |
|---|---|
| Manifest ID: | 1925 |
| Manifest Row: | 1 |
| Haz Material Name: | CORROSIVE LIQ NOS |
| Haz Class Number: | Not reported |
| UN NA Number: | UN1760 |
| Packing Group Number: | Not reported |
| Container Qty: | 4 |
| Container Code: | DMPF |
| Waste Qty: | 220 |
| Waste Units Code: | AD |
| Waste Code List: | D002 |

---

**E53**
**SSE**
**< 1/8**
**0.112 mi.**
**594 ft.**

**SUN CIRCUITS INC**
**5124 CALLE DEL SOL**
**SANTA CLARA, CA 95054**

**Site 10 of 11 in cluster E**

**RCRA-SQG** **1000857174**
**FINDS** **CA0000068882**
**ECHO**
**CA CUPA Listings**
**CA HAZNET**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 09/01/1996 |
| Facility name: | SUN CIRCUITS INC |
| Facility address: | 5124 CALLE DEL SOL<br>SANTA CLARA, CA 95054 |
| EPA ID: | CA0000068882 |
| Mailing address: | CALLE DEL SOL<br>SANTA CLARA, CA 95054 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

**SUN CIRCUITS INC (Continued)** **1000857174**

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | MARK N SHEBBY |
| Owner/operator address: | 5124 CALLE DEL SOL<br>SAN JOSE, CA 95127 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 408-727-7784 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

FINDS:

Registry ID: 110002612263

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000857174 |
| Registry ID: | 110002612263 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002612263 |

**SUN CIRCUITS INC (Continued)** **1000857174**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2202 |
| Program Description: | GENERATES < 100 KG/YR |
| Latitude: | 37.407849 |
| Longitude: | -121.964448 |
| Record ID: | PR0316358 |
| Facility ID: | FA0212627 |

HAZNET:

| | |
|---|---|
| envid: | 1000857174 |
| Year: | 1998 |
| GEPAID: | CA0000068882 |
| Contact: | MARK N SHEBBY |
| Telephone: | 4087277784 |
| Mailing Name: | Not reported |
| Mailing Address: | 5191 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541009 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD003963592 |
| TSD County: | Not reported |
| Waste Category: | Photochemicals/photoprocessing waste |
| Disposal Method: | Recycler |
| Tons: | .6255 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000857174 |
| Year: | 1997 |
| GEPAID: | CA0000068882 |
| Contact: | MARK N SHEBBY |
| Telephone: | 4087277784 |
| Mailing Name: | Not reported |
| Mailing Address: | 5191 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541009 |
| Gen County: | Not reported |
| TSD EPA ID: | ORD981766124 |
| TSD County: | Not reported |
| Waste Category: | Photochemicals/photoprocessing waste |
| Disposal Method: | Recycler |
| Tons: | .0035 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000857174 |
| Year: | 1996 |
| GEPAID: | CA0000068882 |
| Contact: | MARK N SHEBBY |
| Telephone: | 4087277784 |
| Mailing Name: | Not reported |
| Mailing Address: | 5191 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541009 |
| Gen County: | Not reported |
| TSD EPA ID: | ORD981766124 |

**SUN CIRCUITS INC (Continued)** **1000857174**

| | |
|---|---|
| TSD County: | Not reported |
| Waste Category: | Photochemicals/photoprocessing waste |
| Disposal Method: | Recycler |
| Tons: | .0015 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000857174 |
| Year: | 1996 |
| GEPAID: | CA0000068882 |
| Contact: | MARK N SHEBBY |
| Telephone: | 4087277784 |
| Mailing Name: | Not reported |
| Mailing Address: | 5191 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541009 |
| Gen County: | Not reported |
| TSD EPA ID: | ORD981766124 |
| TSD County: | Not reported |
| Waste Category: | Not reported |
| Disposal Method: | Not reported |
| Tons: | .0020 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | 1000857174 |
| Year: | 1996 |
| GEPAID: | CA0000068882 |
| Contact: | MARK N SHEBBY |
| Telephone: | 4087277784 |
| Mailing Name: | Not reported |
| Mailing Address: | 5191 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541009 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD070148432 |
| TSD County: | Not reported |
| Waste Category: | Photochemicals/photoprocessing waste |
| Disposal Method: | Recycler |
| Tons: | .1718 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

Click this hyperlink while viewing on your computer to access
5 additional CA_HAZNET: record(s) in the EDR Site Report.

---

**H54** **AIR FLIGHT SERVICE** **CA CERS HAZ WASTE** **S121470386**
**East** **2220 CALLE DE LUNA** **CA CUPA Listings** **N/A**
**< 1/8** **SANTA CLARA, CA 95054** **CA CERS**
**0.113 mi.**
**598 ft.** **Site 3 of 4 in cluster H**

**Relative:** CERS HAZ WASTE:
**Lower**

| | |
|---|---|
| Site ID: | 384352 |
| CERS ID: | 10086754 |
| CERS Description: | Hazardous Waste Generator |

**Actual:**
**8 ft.**

**AIR FLIGHT SERVICE (Continued)** **S121470386**

Violations:

| | |
|---|---|
| Site ID: | 384352 |
| Site Name: | AIR FLIGHT SERVICE |
| Violation Date: | 06-05-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Returned to compliance on 06/25/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-03-2014 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-05-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 384352 |
| Facility Name: | AIR FLIGHT SERVICE |
| Env Int Type Code: | HMBP |
| Program ID: | 10086754 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.410019 |
| Longitude: | -121.962608 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Randy Schielke |
| Entity Title: | Not reported |
| Affiliation Address: | 2220 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 640-8029 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |

**AIR FLIGHT SERVICE (Continued)** **S121470386**

| | |
|---|---|
| Entity Name: | JARUCA |
| Entity Title: | Not reported |
| Affiliation Address: | 2220 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-0107 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2220 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Jack Barcelona |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Jack Barcelona |
| Entity Title: | Not reported |
| Affiliation Address: | 2220 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 640-9321 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | AIR FLIGHT SERVICE |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |

**AIR FLIGHT SERVICE (Continued)** **S121470386**

| | |
|---|---|
| Affiliation Phone: | (408) 615-4970 |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Jack Barcelona |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Operator |
| Entity Name: | Randy Schielke |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 640-8029 |

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2253 |
| Program Description: | OBSOLETE SELF-AUDIT GEN <5 TONS/YR |
| Latitude: | 37.409761 |
| Longitude: | -121.963285 |
| Record ID: | PR0314365 |
| Facility ID: | FA0211732 |

CERS TANKS:

| | |
|---|---|
| Site ID: | 384352 |
| CERS ID: | 10086754 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 384352 |
| Site Name: | AIR FLIGHT SERVICE |
| Violation Date: | 06-05-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Returned to compliance on 06/25/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-03-2014 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |

**AIR FLIGHT SERVICE (Continued)** **S121470386**

| | |
|---|---|
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-05-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 384352 |
| Facility Name: | AIR FLIGHT SERVICE |
| Env Int Type Code: | HMBP |
| Program ID: | 10086754 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.410019 |
| Longitude: | -121.962608 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Randy Schielke |
| Entity Title: | Not reported |
| Affiliation Address: | 2220 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 640-8029 |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | JARUCA |
| Entity Title: | Not reported |
| Affiliation Address: | 2220 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 988-0107 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2220 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |

**AIR FLIGHT SERVICE (Continued)** **S121470386**

| | |
|---|---|
| Entity Name: | Jack Barcelona |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Jack Barcelona |
| Entity Title: | Not reported |
| Affiliation Address: | 2220 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 640-9321 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | AIR FLIGHT SERVICE |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Jack Barcelona |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Randy Schielke |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |

**AIR FLIGHT SERVICE (Continued)** **S121470386**

Affiliation Phone: (408) 640-8029

---

**H55 East < 1/8 0.113 mi. 598 ft.**

**SOUTH BAY TRUCK & EQUIPMENT**
**2222 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**RCRA-SQG 1000405012**
**FINDS CAD982475261**
**ECHO**

**Site 4 of 4 in cluster H**

**Relative: Lower**

**Actual: 8 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 06/16/1988 |
| Facility name: | SOUTH BAY TRUCK & EQUIPMENT |
| Facility address: | 2222 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD982475261 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2222 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-727-7453 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | DICK MAYO |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

**SOUTH BAY TRUCK & EQUIPMENT (Continued)** **1000405012**

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

FINDS:

Registry ID: 110002822474

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000405012 |
| Registry ID: | 110002822474 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002822474 |

---

**F56** **GUIDED DELIVERY SYSTEMS** **RCRA-SQG** **1014387291**
**SSW** **2355 CALLE DE LUNA** **CA HAZNET** **CAR000207738**
**< 1/8** **SANTA CLARA, CA 95054**
**0.115 mi.**
**608 ft.** **Site 5 of 5 in cluster F**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 04/13/2010 |
| Facility name: | GUIDED DELIVERY SYSTEMS |
| Facility address: | 2355 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAR000207738 |
| Contact: | NORA E TREVINO |
| Contact address: | 2355 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Contact country: | US |
| Contact telephone: | 408-727-1105 |

**GUIDED DELIVERY SYSTEMS (Continued)** **1014387291**

| | |
|---|---|
| Telephone ext.: | 220 |
| Contact email: | NTREVINO@GDSMED.COM |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NIEL STARKSEN |
| Owner/operator address: | Not reported<br>Not reported |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 06/15/2001 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NIEL STARKSEN |
| Owner/operator address: | 2355 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 06/15/2001 |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Universal Waste Summary:

| | |
|---|---|
| Waste type: | Batteries |

**GUIDED DELIVERY SYSTEMS (Continued)** **1014387291**

Accumulated waste on-site: Yes
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

HAZNET:
envid: 1014387291
Year: 2012
GEPAID: CAR000207738
Contact: NORA E TREVINO EXT 220
Telephone: 4087271105
Mailing Name: Not reported
Mailing Address: 2355 CALLE DE LUNA
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Santa Clara
TSD EPA ID: CAD980887418
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.108
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1014387291
Year: 2011
GEPAID: CAR000207738
Contact: NORA E TREVINO EXT 220
Telephone: 4087271105
Mailing Name: Not reported
Mailing Address: 2355 CALLE DE LUNA
Mailing City,St,Zip: SANTA CLARA, CA 950540000
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)

**GUIDED DELIVERY SYSTEMS (Continued)** **1014387291**

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.22935
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

---

**57 ESE < 1/8 0.118 mi. 624 ft.** | **TASMAN EAST PARCEL 57**
**2220 & 2222 CALLE DE LUNA**
**SANTA CLARA, CA 95054** | **CA CPS-SLIC** **S118504763**
**CA CERS** **N/A**

**Relative: Lower**
**Actual: 9 ft.**

CPS-SLIC:
Region: STATE
**Facility Status: Open - Verification Monitoring**
Status Date: 01/19/2016
Global Id: T10000008334
Lead Agency: SANTA CLARA COUNTY LOP
Lead Agency Case Number: 06S1W15L01s
Latitude: 37.40999
Longitude: -121.96283
Case Type: Cleanup Program Site
Case Worker: AC
Local Agency: SANTA CLARA COUNTY LOP
RB Case Number: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected: Soil, Soil Vapor
Potential Contaminants of Concern: Tetrachloroethylene (PCE), Trichloroethylene (TCE), Diesel
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS TANKS:
Site ID: 363255
CERS ID: T10000008334
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: AARON COSTA - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089181954

**E58 SE < 1/8 0.120 mi. 634 ft.** | **2278 CALLE DE LUNA**
**2278 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**Site 11 of 11 in cluster E**

**CA CPS-SLIC** | **S119777510**
**CA CERS** | **N/A**

**Relative: Higher**

**Actual: 10 ft.**

CPS-SLIC:

| | |
|---|---|
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 11/08/2018 |
| Global Id: | T10000009993 |
| Lead Agency: | SANTA CLARA COUNTY LOP |
| Lead Agency Case Number: | 2017-01s |
| Latitude: | 37.40849 |
| Longitude: | -121.96416 |
| Case Type: | Cleanup Program Site |
| Case Worker: | AC |
| Local Agency: | SANTA CLARA COUNTY LOP |
| RB Case Number: | Not reported |
| File Location: | All Files are on GeoTracker or in the Local Agency Database |
| Potential Media Affected: | Other Groundwater (uses other than drinking water), Soil, Soil Vapor |
| Potential Contaminants of Concern: | Other Chlorinated Hydrocarbons, Cyanide, DDD / DDE / DDT, Chromium VI |
| Site History: | Site occupies approximately 1.87 acres corresponding to APN 097-46-019. Current Site features a single-story commercial building approximately 29,034 square feet. Site was historically used for agricultural purposes from approximately the late 1930s until the late 1970s. In the late 1970s, the existing building was constructed and has been occupied by various light industrial businesses. These tenants used hazardous materials like coolants, lubricants, oils, and cleaners. Coatek, Incorporated (Coatek) was the most recent former tenant of the four westernmost units at the Site. From November 1989 through January 2016, Coatek produced printed circuit boards which used heavy metals, acids, bases, cyanide, and other chemicals. Cyanide was detected in soil above the soil leaching to groundwater environmental screening level. A remedial excavation within the building was completed to remove cyanide contaminated soil to below the leaching screening level. Redevelopment is being proposed with subsurface parking garage. Due to shallow groundwater, it is likely that dewatering will need to occur during redevelopment. Groundwater in the area contaminated and the appropriate precautions should be taken to prevent contaminated groundwater migration from off-site during dewatering activities. A Soil and Groundwater Management Plan should be followed to mitigate potential health and safety risks associated with residual contamination during property redevelopment. |

Click here to access the California GeoTracker records for this facility:

CERS TANKS:

| | |
|---|---|
| Site ID: | 415909 |
| CERS ID: | T10000009993 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Local Agency Caseworker |
| Entity Name: | AARON COSTA - SANTA CLARA COUNTY LOP |
| Entity Title: | Not reported |
| Affiliation Address: | 1555 Berger Drive, Suite 300 |
| Affiliation City: | SAN JOSE |
| Affiliation State: | CA |

**2278 CALLE DE LUNA (Continued)** **S119777510**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089181954

---

**I59 South < 1/8 0.121 mi. 640 ft.** **GATEWAY PRECISION INC**
**2300 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**CA CERS HAZ WASTE** **S121740435**
**CA CERS** **N/A**

**Site 1 of 5 in cluster I**

**Relative: Higher**
**Actual: 11 ft.**

CERS HAZ WASTE:
Site ID: 118944
CERS ID: 10132918
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 118944
Site Name: Gateway Precision Inc
Violation Date: 06-20-2014
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description: Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years.
Violation Notes: Returned to compliance on 07/16/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 118944
Site Name: Gateway Precision Inc
Violation Date: 06-20-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 07/15/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 118944
Site Name: Gateway Precision Inc
Violation Date: 06-20-2014

**GATEWAY PRECISION INC (Continued)** **S121740435**

| | |
|---|---|
| Citation: | 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii) |
| Violation Description: | Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers. |
| Violation Notes: | Returned to compliance on 07/16/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| Site ID: | 118944 |
| Site Name: | Gateway Precision Inc |
| Violation Date: | 06-20-2014 |
| Citation: | 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31 |
| Violation Description: | Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment. |
| Violation Notes: | Returned to compliance on 07/16/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-20-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-20-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 118944 |
| Facility Name: | Gateway Precision Inc |
| Env Int Type Code: | HWG |
| Program ID: | 10132918 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.407986 |
| Longitude: | -121.965836 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |

**GATEWAY PRECISION INC (Continued)** **S121740435**

| | |
|---|---|
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2300 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Huy Nguyen |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 499-1887 |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Chi To |
| Entity Title: | Not reported |
| Affiliation Address: | 2300 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 855-8849 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Chi To |
| Entity Title: | Office Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Gateway Precision Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |

**GATEWAY PRECISION INC (Continued)** **S121740435**

Affiliation Phone: Not reported

CERS TANKS:
Site ID: 118944
CERS ID: 10132918
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 118944
Site Name: Gateway Precision Inc
Violation Date: 06-20-2014
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description: Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years.
Violation Notes: Returned to compliance on 07/16/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 118944
Site Name: Gateway Precision Inc
Violation Date: 06-20-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 07/15/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 118944
Site Name: Gateway Precision Inc
Violation Date: 06-20-2014
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers.
Violation Notes: Returned to compliance on 07/16/2014.
Violation Division: Santa Clara City Fire Department

**GATEWAY PRECISION INC (Continued)** **S121740435**

Violation Program: HW
Violation Source: CERS

Site ID: 118944
Site Name: Gateway Precision Inc
Violation Date: 06-20-2014
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 07/16/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-20-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-20-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 118944
Facility Name: Gateway Precision Inc
Env Int Type Code: HWG
Program ID: 10132918
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.407986
Longitude: -121.965836

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2300 Calle De Luna
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95054

**GATEWAY PRECISION INC (Continued)** **S121740435**

| | |
|---|---|
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Huy Nguyen |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 499-1887 |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Chi To |
| Entity Title: | Not reported |
| Affiliation Address: | 2300 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 855-8849 |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Chi To |
| Entity Title: | Office Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Gateway Precision Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**G60 SSW 1/8-1/4 0.138 mi. 727 ft.** | **PARAGON ELECTRONIC SYSTEMS INC**
**2318 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**Site 2 of 8 in cluster G**

**CA CUPA Listings** **S103644136**
**CA EMI** **N/A**
**CA CIWQS**

**Relative: Higher**

**Actual: 12 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2210 |
| Program Description: | GENERATES 500 TO <1000 TONS/YR |
| Latitude: | 37.408343 |
| Longitude: | -121.965667 |
| Record ID: | PR0312808 |
| Facility ID: | FA0211772 |

EMI:

| | |
|---|---|
| Year: | 1995 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 7 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1996 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 7 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1997 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |

**PARAGON ELECTRONIC SYSTEMS INC (Continued)** **S103644136**

| | |
|---|---|
| Total Organic Hydrocarbon Gases Tons/Yr: | 19 |
| Reactive Organic Gases Tons/Yr: | 8 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1998 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 7 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1999 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 8 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2000 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 8 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |

**PARAGON ELECTRONIC SYSTEMS INC (Continued)** **S103644136**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

| | |
|---|---|
| Year: | 2001 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3699 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 7 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2002 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 8321 |
| Air District Name: | BA |
| SIC Code: | 3672 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 7 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

CIWQS:

| | |
|---|---|
| Agency: | Paragon Electronic Systems Inc |
| Agency Address: | 2318 Calle De Luna, Santa Clara, CA 95054 |
| Place/Project Type: | Industrial - Printed Circuit Boards |
| SIC/NAICS: | 3672 |
| Region: | 2 |
| Program: | INDSTW |
| Regulatory Measure Status: | Terminated |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 2 43I006980 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 05/18/1992 |
| Termination Date: | 05/23/2003 |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |

**PARAGON ELECTRONIC SYSTEMS INC (Continued)** **S103644136**

Violations within 5 years: 0
Latitude: 37.40861
Longitude: -121.96525

---

**G61 SSW 1/8-1/4 0.138 mi. 727 ft.** **PARAGON ELECTRONIC SYSTEMS, INC.** **CA ENVIROSTOR** **S118757464**
**2318 CALLE DE LUNA** **N/A**
**SANTA CLARA, CA 95054**

**Site 3 of 8 in cluster G**

**Relative: Higher**

**Actual: 12 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71003542 |
| Status: | No Action Required |
| Status Date: | 10/02/1997 |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | 0 |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.40797 |
| Longitude: | -121.9658 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAT080031420 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110017217625 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 71003542 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Phase I Verification |
| Completed Date: | 10/02/1997 |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |

**PARAGON ELECTRONIC SYSTEMS, INC. (Continued)** **S118757464**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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**G62**
**SSW**
**1/8-1/4**
**0.138 mi.**
**727 ft.**

**BEAM ON TECHNOLOGY CORPORATION**
**2318 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**CA CERS HAZ WASTE** **S121795143**
**CA CERS** **N/A**

**Site 4 of 8 in cluster G**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

CERS HAZ WASTE:
Site ID: 97832
CERS ID: 10087786
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 05-01-2018
Citation: 22 CCR 15 66265.52 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.52
Violation Description: Failure to include all of the following in the Contingency Plan: description of actions personnel will take in response to a release or emergency, arrangements with local authorities, list of emergency coordinators including name, addresses & phone numbers, list of emergency equipment and their physical description, location and capabilities, evacuation plan, and OES phone number. (If the owner or operator has already prepared a Spill Prevention, Control, and Countermeasures (SPCC) Plan or some other emergency or contingency plan, the owner or operator need only amend that plan to incorporate hazardous waste management provisions.)
Violation Notes: Not reported
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 05-01-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Submit annually
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/21/2014.

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 05-01-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Correct form to say you do do onsite treatment and recycle material
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes: Returned to compliance on 11/21/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 05-01-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Provide and document training
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 05-01-2018
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes: Not reported
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

| | |
|---|---|
| Violation Date: | 09-19-2014 |
| Citation: | 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4) |
| Violation Description: | Failure to send hazardous waste manifest copies to DTSC. |
| Violation Notes: | Returned to compliance on 01/06/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

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|---|---|
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 05-01-2018 |
| Citation: | 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii) |
| Violation Description: | Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm. |
| Violation Notes: | Post |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 09-19-2014 |
| Citation: | 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130 |
| Violation Description: | Failure to properly handle, manage, label, and recycle used oil and fuel filters. |
| Violation Notes: | Returned to compliance on 01/06/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

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|---|---|
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 05-01-2018 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Missing accumulation start date |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

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|---|---|
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 05-01-2018 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a site map with all |

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

required content.
Violation Notes: Submit annually
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 01/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes: Returned to compliance on 11/21/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 05-01-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Missing

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

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|---|---|
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 05-01-2018 |
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Do yearly |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 05-01-2018 |
| Citation: | 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173 |
| Violation Description: | Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak. |
| Violation Notes: | Sludge Drum in waste bin with non approve lid |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 05-01-2018 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Not reported |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 05-01-2018 |
| Citation: | HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1 |
| Violation Description: | Failure to provide a copy of the business plan to the owner or the owner’s agent within five working days after receiving a request for a copy from the owner or the owner’s agent. |
| Violation Notes: | Email owner a copy of that you have a business plan on site |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers.
Violation Notes: Returned to compliance on 01/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: HSC 6.5 25189.5(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a)
Violation Description: Failure to properly dispose of hazardous waste at an authorized location.
Violation Notes: Returned to compliance on 11/21/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-21-2014

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

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|---|---|
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

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|---|---|
| Site ID: | 97832 |
| Facility Name: | Beam On Technology Corporation |
| Env Int Type Code: | HWG |
| Program ID: | 10087786 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.408349 |
| Longitude: | -121.965954 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Luke Kung |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Paul Hashimoto |
| Entity Title: | Not reported |
| Affiliation Address: | 2318 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 422-4398 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Rajoo Venkat |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

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|---|---|
| Affiliation Phone: | (408) 982-0161 |

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|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2318 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

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|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Rajoo Venkat |
| Entity Title: | President/CEO |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

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|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Rajoo Venkat |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 750-9369 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Beam On Technology Corporation |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

CERS TANKS:

| | |
|---|---|
| Site ID: | 97832 |
| CERS ID: | 10087786 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 05-01-2018 |
| Citation: | 22 CCR 15 66265.52 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.52 |
| Violation Description: | Failure to include all of the following in the Contingency Plan: description of actions personnel will take in response to a release or emergency, arrangements with local authorities, list of emergency |

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

coordinators including name, addresses & phone numbers, list of emergency equipment and their physical description, location and capabilities, evacuation plan, and OES phone number. (If the owner or operator has already prepared a Spill Prevention, Control, and Countermeasures (SPCC) Plan or some other emergency or contingency plan, the owner or operator need only amend that plan to incorporate hazardous waste management provisions.)

Violation Notes: Not reported
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 05-01-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Submit annually
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/21/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 05-01-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Correct form to say you do do onsite treatment and recycle material
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

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|---|---|
| | is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month. |
| Violation Notes: | Returned to compliance on 11/21/2014. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 05-01-2018 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material. |
| Violation Notes: | Provide and document training |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 05-01-2018 |
| Citation: | HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c) |
| Violation Description: | Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training. |
| Violation Notes: | Not reported |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 09-19-2014 |
| Citation: | 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4) |
| Violation Description: | Failure to send hazardous waste manifest copies to DTSC. |
| Violation Notes: | Returned to compliance on 01/06/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 05-01-2018 |
| Citation: | 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii) |
| Violation Description: | Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm. |
| Violation Notes: | Post |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes: Returned to compliance on 01/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 05-01-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Missing accumulation start date
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 05-01-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Submit annually
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Violation Notes: Returned to compliance on 01/06/2015.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 09-19-2014
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes: Returned to compliance on 11/21/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 05-01-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Missing
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 05-01-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Do yearly
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 97832
Site Name: Beam On Technology Corporation
Violation Date: 05-01-2018
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

| | |
|---|---|
| Violation Description: | Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak. |
| Violation Notes: | Sludge Drum in waste bin with non approve lid |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 05-01-2018 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Not reported |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 05-01-2018 |
| Citation: | HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1 |
| Violation Description: | Failure to provide a copy of the business plan to the owner or the owner’s agent within five working days after receiving a request for a copy from the owner or the owner’s agent. |
| Violation Notes: | Email owner a copy of that you have a business plan on site |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 09-19-2014 |
| Citation: | 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii) |
| Violation Description: | Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers. |
| Violation Notes: | Returned to compliance on 01/06/2015. |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 97832 |
| Site Name: | Beam On Technology Corporation |
| Violation Date: | 09-19-2014 |
| Citation: | HSC 6.5 25189.5(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a) |
| Violation Description: | Failure to properly dispose of hazardous waste at an authorized location. |

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

Violation Notes: Returned to compliance on 11/21/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-21-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 97832
Facility Name: Beam On Technology Corporation
Env Int Type Code: HWG
Program ID: 10087786
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.408349
Longitude: -121.965954

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title: Not reported

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

| | |
|---|---|
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Luke Kung |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Paul Hashimoto |
| Entity Title: | Not reported |
| Affiliation Address: | 2318 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 422-4398 |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Rajoo Venkat |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 982-0161 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2318 Calle De Luna |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Rajoo Venkat |
| Entity Title: | President/CEO |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**BEAM ON TECHNOLOGY CORPORATION (Continued)** **S121795143**

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Rajoo Venkat |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 750-9369 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Beam On Technology Corporation |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

---

**G63** **SUN CIRCUITS INC** **RCRA-LQG** **1007200813**
**SSW** **2318 CALLE DE LUNA** **FINDS** **CAT080031420**
**1/8-1/4** **SANTA CLARA, CA 95054**
**0.138 mi.**
**727 ft.** **Site 5 of 8 in cluster G**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 10/12/2000 |
| Facility name: | SUN CIRCUITS INC |
| Site name: | PARAGON ELECTRONIC SYSTEMS, INC. |
| Facility address: | 2318 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAT080031420 |
| Contact: | STEVEN FRANK |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | 408-929-8000 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |

**SUN CIRCUITS INC (Continued)** **1007200813**

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/04/1999
Site name: PARAGON ELECTRONIC SYSTEMS INC.
Classification: Large Quantity Generator

Date form received by agency: 03/20/1996
Site name: PARAGON ELECTRONIC SYSTEMS INC.
Classification: Large Quantity Generator

Date form received by agency: 04/04/1994
Site name: PARAGON
Classification: Large Quantity Generator

Date form received by agency: 04/01/1992
Site name: PARAGON
Classification: Large Quantity Generator

Date form received by agency: 04/20/1990
Site name: PARAGON
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110055829028

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**G64 SSW 1/8-1/4 0.138 mi. 727 ft.** | **PARAGON**
**2318 CALLE DE LUNA**
**SANTA CLARA, CA 95050**

**Site 6 of 8 in cluster G**

**CA HIST UST** | **U001601798**
**N/A**

**Relative: Higher**

**Actual: 12 ft.**

HIST UST:

| | |
|---|---|
| File Number: | 00020684 |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00020684.pdf |
| Region: | STATE |
| Facility ID: | 00000001077 |
| Facility Type: | Other |
| Other Type: | MANUFACTURING |
| Contact Name: | STAN NELSON, PRESIDENT |
| Telephone: | 4087278824 |
| Owner Name: | NMV INC DBA PARAGON |
| Owner Address: | 2318 CALLE DE LUNA |
| Owner City,St,Zip: | SANTA CLARA, CA 95050 |
| Total Tanks: | 0004 |
| | |
| Tank Num: | 001 |
| Container Num: | 3 |
| Year Installed: | 1984 |
| Tank Capacity: | 00000470 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | 4 |
| Leak Detection: | Visual |
| | |
| Tank Num: | 002 |
| Container Num: | 1 |
| Year Installed: | 1981 |
| Tank Capacity: | 00000200 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | 3 |
| Leak Detection: | Not reported |
| | |
| Tank Num: | 003 |
| Container Num: | 2 |
| Year Installed: | 1981 |
| Tank Capacity: | 00001500 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | 3 |
| Leak Detection: | Not reported |
| | |
| Tank Num: | 004 |
| Container Num: | 4 |
| Year Installed: | 1984 |
| Tank Capacity: | 00002600 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | 4 |
| Leak Detection: | Visual |

Click here for Geo Tracker PDF:

**G65 SSW 1/8-1/4 0.138 mi. 727 ft.** | **NMN INC**
**2318 CALLE DE LUNA**
**SANTA CLARA, CA 95054**

**Site 7 of 8 in cluster G**

**MN MANIFEST** | **S119125061**
**N/A**

**Relative: Higher**

**Actual: 12 ft.**

MANIFEST:

| | |
|---|---|
| Manifest ID: | 1078 |
| Generator ID: | CAT080031420 |
| Generator AI ID: | 44527 |
| Transporter 1 ID: | Not reported |
| Transporter 1 AI ID: | Not reported |
| Transporter 1 AI Name: | Not reported |
| Transporter 1 Address: | Not reported |
| Transporter 1 City: | Not reported |
| Transporter 1 State: | Not reported |
| Transporter 1 ZIP: | Not reported |
| Transporter 2 ID: | CAD063547996 |
| Transporter 2 AI ID: | 34116 |
| Transporter 2 AI Name: | Allwaste Transporation & Remediation |
| Transporter 2 Address: | 12475A Llagas Ave |
| Transporter 2 City: | San Martin |
| Transporter 2 State: | CA |
| Transporter 2 ZIP: | 95046 |
| TSD ID: | MND981098478 |
| TSD AI ID: | 8214 |
| TSD AI Name: | Evoqua Water Technologies LLC |
| TSD Address: | 2430 Rose Pl |
| TSD City: | Roseville |
| TSD State: | MN |
| TSD Zip: | 55113 |
| Gen Copy Recd Date: | 3/8/1996 0:00:00 |
| Fac Copy Recd Date: | 1996-03-13 00:00:00 |
| Gen Ship Date: | 1996-02-21 00:00:00 |
| Trans 1 Recd Date: | 1996-02-21 00:00:00 |
| Trans 2 Recd Date: | 3/1/1996 0:00:00 |
| Tsd Recd Date: | 1996-03-05 00:00:00 |
| Comments: | Not reported |

Detail:

| | |
|---|---|
| Manifest ID: | 1078 |
| Manifest Row: | 1 |
| Haz Material Name: | CUPRIC AMMONIUM CHLORIDE |
| Haz Class Number: | Not reported |
| UN NA Number: | UN1760 |
| Packing Group Number: | Not reported |
| Container Qty: | 13 |
| Container Code: | DMPF |
| Waste Qty: | 715 |
| Waste Units Code: | AD |
| Waste Code List: | D002 |

| | |
|---|---|
| Manifest ID: | 1079 |
| Generator ID: | CAT080031420 |
| Generator AI ID: | 44527 |
| Transporter 1 ID: | CAD095991253 |
| Transporter 1 AI ID: | 17153 |
| Transporter 1 AI Name: | Great Western Chemical Milpitas |
| Transporter 1 Address: | 945 Ames Ave |

**NMN INC (Continued)** **S119125061**

| | |
|---|---|
| Transporter 1 City: | Milpitas |
| Transporter 1 State: | CA |
| Transporter 1 ZIP: | 95035-6326 |
| Transporter 2 ID: | CAD063547996 |
| Transporter 2 AI ID: | 34116 |
| Transporter 2 AI Name: | Allwaste Transporation & Remediation |
| Transporter 2 Address: | 12475A Llagas Ave |
| Transporter 2 City: | San Martin |
| Transporter 2 State: | CA |
| Transporter 2 ZIP: | 95046 |
| TSD ID: | MND981098478 |
| TSD AI ID: | 8214 |
| TSD AI Name: | Evoqua Water Technologies LLC |
| TSD Address: | 2430 Rose Pl |
| TSD City: | Roseville |
| TSD State: | MN |
| TSD Zip: | 55113 |
| Gen Copy Recd Date: | 3/18/1996 0:00:00 |
| Fac Copy Recd Date: | 1996-03-21 00:00:00 |
| Gen Ship Date: | 1996-02-23 00:00:00 |
| Trans 1 Recd Date: | 1996-02-23 00:00:00 |
| Trans 2 Recd Date: | 3/4/1996 0:00:00 |
| Tsd Recd Date: | 1996-03-09 00:00:00 |
| Comments: | Not reported |

Detail:

| | |
|---|---|
| Manifest ID: | 1079 |
| Manifest Row: | 1 |
| Haz Material Name: | CORROSIVE LIQ NOS |
| Haz Class Number: | Not reported |
| UN NA Number: | UN1760 |
| Packing Group Number: | Not reported |
| Container Qty: | 26 |
| Container Code: | DMPF |
| Waste Qty: | 1430 |
| Waste Units Code: | AD |
| Waste Code List: | D002 |

| | |
|---|---|
| Manifest ID: | 1080 |
| Generator ID: | CAT080031420 |
| Generator AI ID: | 44527 |
| Transporter 1 ID: | CAD095991253 |
| Transporter 1 AI ID: | 17153 |
| Transporter 1 AI Name: | Great Western Chemical Milpitas |
| Transporter 1 Address: | 945 Ames Ave |
| Transporter 1 City: | Milpitas |
| Transporter 1 State: | CA |
| Transporter 1 ZIP: | 95035-6326 |
| Transporter 2 ID: | CAD980584510 |
| Transporter 2 AI ID: | 42161 |
| Transporter 2 AI Name: | Allwaste Transporation & Remediation I |
| Transporter 2 Address: | PO Box 150 |
| Transporter 2 City: | San Ardo |
| Transporter 2 State: | CA |
| Transporter 2 ZIP: | 93450-0150 |
| TSD ID: | MND981098478 |
| TSD AI ID: | 8214 |

**NMN INC (Continued)** **S119125061**

| | |
|---|---|
| TSD AI Name: | Evoqua Water Technologies LLC |
| TSD Address: | 2430 Rose Pl |
| TSD City: | Roseville |
| TSD State: | MN |
| TSD Zip: | 55113 |
| Gen Copy Recd Date: | 3/6/1996 0:00:00 |
| Fac Copy Recd Date: | 1996-03-13 00:00:00 |
| Gen Ship Date: | 1996-02-19 00:00:00 |
| Trans 1 Recd Date: | 1996-02-19 00:00:00 |
| Trans 2 Recd Date: | 2/26/1996 0:00:00 |
| Tsd Recd Date: | 1996-03-01 00:00:00 |
| Comments: | Not reported |

Detail:

| | |
|---|---|
| Manifest ID: | 1080 |
| Manifest Row: | 1 |
| Haz Material Name: | CORROSIVE LIQ NOS |
| Haz Class Number: | Not reported |
| UN NA Number: | UN1760 |
| Packing Group Number: | Not reported |
| Container Qty: | 12 |
| Container Code: | DMPF |
| Waste Qty: | 660 |
| Waste Units Code: | AD |
| Waste Code List: | D002 |

| | |
|---|---|
| Manifest ID: | 1081 |
| Generator ID: | CAT080031420 |
| Generator AI ID: | 44527 |
| Transporter 1 ID: | CAD095991253 |
| Transporter 1 AI ID: | 17153 |
| Transporter 1 AI Name: | Great Western Chemical Milpitas |
| Transporter 1 Address: | 945 Ames Ave |
| Transporter 1 City: | Milpitas |
| Transporter 1 State: | CA |
| Transporter 1 ZIP: | 95035-6326 |
| Transporter 2 ID: | CAD982403198 |
| Transporter 2 AI ID: | 33922 |
| Transporter 2 AI Name: | Advanced Environmental Inc |
| Transporter 2 Address: | 2627 Gardena Ave |
| Transporter 2 City: | Signal Hill |
| Transporter 2 State: | CA |
| Transporter 2 ZIP: | 90806-2012 |
| TSD ID: | MND981098478 |
| TSD AI ID: | 8214 |
| TSD AI Name: | Evoqua Water Technologies LLC |
| TSD Address: | 2430 Rose Pl |
| TSD City: | Roseville |
| TSD State: | MN |
| TSD Zip: | 55113 |
| Gen Copy Recd Date: | 3/11/1996 0:00:00 |
| Fac Copy Recd Date: | 1996-03-13 00:00:00 |
| Gen Ship Date: | 1996-02-28 00:00:00 |
| Trans 1 Recd Date: | 1996-02-28 00:00:00 |
| Trans 2 Recd Date: | 3/5/1996 0:00:00 |
| Tsd Recd Date: | 1996-03-08 00:00:00 |
| Comments: | Not reported |

**NMN INC (Continued)** **S119125061**

Detail:

| | |
|---|---|
| Manifest ID: | 1081 |
| Manifest Row: | 1 |
| Haz Material Name: | CORROSIVE LIQ NOS |
| Haz Class Number: | Not reported |
| UN NA Number: | UN1760 |
| Packing Group Number: | Not reported |
| Container Qty: | 17 |
| Container Code: | DMPF |
| Waste Qty: | 935 |
| Waste Units Code: | AD |
| Waste Code List: | D002 |

---

**G66** **CALIFORNIA MACHINING CTR INC** **CA CUPA Listings** **S121470654**
**SSW** **5181 LAFAYETTE ST** **N/A**
**1/8-1/4** **SANTA CLARA, CA 95054**
**0.139 mi.**
**735 ft.** **Site 8 of 8 in cluster G**

**Relative:**
**Higher**

**Actual:**
**13 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2201 |
| Program Description: | GENERATES WASTE OIL ONLY |
| Latitude: | 37.408566 |
| Longitude: | -121.967618 |
| Record ID: | PR0315059 |
| Facility ID: | FA0212631 |

---

**J67** **NU-METAL FINISHING INC** **RCRA NonGen / NLR** **1000298707**
**SSW** **5171 LAFAYETTE STREET** **FINDS** **CAT080029705**
**1/8-1/4** **SANTA CLARA, CA 95054** **ECHO**
**0.146 mi.**
**773 ft.** **Site 1 of 2 in cluster J**

**Relative:**
**Higher**

**Actual:**
**13 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 02/15/1981 |
| Facility name: | NU-METAL FINISHING INC |
| Facility address: | 5171 LAFAYETTE<br>SANTA CLARA, CA 95050 |
| EPA ID: | CAT080029705 |
| Mailing address: | LAFAYETTE<br>SANTA CLARA, CA 95050 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 5171 LAFAYETTE<br>SANTA CLARA, CA 95050 |
| Contact country: | US |
| Contact telephone: | 408-727-1050 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |

**NU-METAL FINISHING INC (Continued)** **1000298707**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: M FREY & W TREMBLEY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002955446

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**NU-METAL FINISHING INC (Continued)** **1000298707**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000298707 |
| Registry ID: | 110002955446 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002955446 |

---

**J68 SSW 1/8-1/4 0.146 mi. 773 ft.** **INTERNATIONAL SPRAY PAINTING** **CA CUPA Listings** **S113075342**
**5171 LAFAYETTE ST** **CA HAZNET** **N/A**
**SANTA CLARA, CA 95054**

**Site 2 of 2 in cluster J**

**Relative: Higher**

**Actual: 13 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2202 |
| Program Description: | GENERATES < 100 KG/YR |
| Latitude: | 37.408382 |
| Longitude: | -121.967493 |
| Record ID: | PR0317292 |
| Facility ID: | FA0212630 |

HAZNET:

| | |
|---|---|
| envid: | S113075342 |
| Year: | 2004 |
| GEPAID: | CAL000138029 |
| Contact: | MIKE GRIZELJ-OWNER |
| Telephone: | 4087279704 |
| Mailing Name: | Not reported |
| Mailing Address: | 5171 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541011 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Oxygenated solvents (acetone, butanol, ethyl acetate, etc.) |
| Disposal Method: | Recycler |
| Tons: | 0.45 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113075342 |
| Year: | 2004 |
| GEPAID: | CAL000138029 |
| Contact: | MIKE GRIZELJ-OWNER |
| Telephone: | 4087279704 |
| Mailing Name: | Not reported |
| Mailing Address: | 5171 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541011 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Unspecified solvent mixture |
| Disposal Method: | Recycler |
| Tons: | 0.91 |

**INTERNATIONAL SPRAY PAINTING (Continued)** **S113075342**

| | |
|---|---|
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113075342 |
| Year: | 2003 |
| GEPAID: | CAL000138029 |
| Contact: | MIKE GRIZELJ-OWNER |
| Telephone: | 4087279704 |
| Mailing Name: | Not reported |
| Mailing Address: | 5171 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541011 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Unspecified solvent mixture |
| Disposal Method: | Recycler |
| Tons: | 1.14 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113075342 |
| Year: | 2002 |
| GEPAID: | CAL000138029 |
| Contact: | MIKE GRIZELJ-OWNER |
| Telephone: | 4087279704 |
| Mailing Name: | Not reported |
| Mailing Address: | 5171 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541011 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Unspecified solvent mixture |
| Disposal Method: | Recycler |
| Tons: | 4.81 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

| | |
|---|---|
| envid: | S113075342 |
| Year: | 2002 |
| GEPAID: | CAL000138029 |
| Contact: | MIKE GRIZELJ-OWNER |
| Telephone: | 4087279704 |
| Mailing Name: | Not reported |
| Mailing Address: | 5171 LAFAYETTE ST |
| Mailing City,St,Zip: | SANTA CLARA, CA 950541011 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Oxygenated solvents (acetone, butanol, ethyl acetate, etc.) |
| Disposal Method: | Recycler |
| Tons: | 0.22 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

**INTERNATIONAL SPRAY PAINTING (Continued)** **S113075342**

Click this hyperlink while viewing on your computer to access
12 additional CA_HAZNET: record(s) in the EDR Site Report.

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**K69**
**SSE**
**1/8-1/4**
**0.157 mi.**
**828 ft.**

**FLEXTRONICS PHOTONICS**
**5102 CALLE DEL SOL**
**SANTA CLARA, CA 95054**

**RCRA NonGen / NLR** **1000403186**
**FINDS** **CAD981383904**
**ECHO**

**Site 1 of 3 in cluster K**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 05/16/2002 |
| Facility name: | FLEXTRONICS PHOTONICS |
| Facility address: | 5102 CALLE DEL SOL<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAD981383904 |
| Mailing address: | 2245 LUNDY AVE<br>SAN JOSE, CA 95131 |
| Contact: | CLIFFORD BAUGHN |
| Contact address: | 2245 LUNDY AVE<br>SAN JOSE, CA 95131 |
| Contact country: | US |
| Contact telephone: | 408-576-7000 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | STEPHEN D MASON |
| Owner/operator address: | 2241 CALLE DE LUNA<br>SANTA CLARA, CA 95054 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 408-987-4972 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |

**FLEXTRONICS PHOTONICS (Continued)** **1000403186**

| | |
|---|---|
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 10/12/2000
Site name: KOMAG, INC. BUILDINGS 21 & 22
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: WESTERN DIGITAL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 05/02/1997
Site name: WESTERN DIGITAL SANTA CLARA
Classification: Large Quantity Generator

**FLEXTRONICS PHOTONICS (Continued)** **1000403186**

Date form received by agency: 09/01/1996
Site name: FLEXTRONICS PHOTONICS
Classification: Large Quantity Generator

Date form received by agency: 03/26/1994
Site name: WESTERN DIGITAL MEDIA
Classification: Large Quantity Generator

Date form received by agency: 02/20/1992
Site name: WESTERN DIGITAL (MEDIA) CORP.
Classification: Large Quantity Generator

Date form received by agency: 03/27/1990
Site name: TRIATEK MEDIA CORP
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110055876057

Environmental Interest/Information System
STATE MASTER

Registry ID: 110009535020

Environmental Interest/Information System
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000403186
Registry ID: 110009535020
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009535020

**K70 SIVA POWER** **CA CERS HAZ WASTE** **S121766050**
**SSE 5102 CALLE DEL SOL** **CA CERS** **N/A**
**1/8-1/4 SANTA CLARA, CA 95054**
**0.157 mi.**
**828 ft.** **Site 2 of 3 in cluster K**

**Relative:**
**Higher**

**Actual:**
**11 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Site ID: | 358721 |
| CERS ID: | 10644580 |
| CERS Description: | Hazardous Waste Generator |

Coordinates:

| | |
|---|---|
| Site ID: | 358721 |
| Facility Name: | Siva Power |
| Env Int Type Code: | HWG |
| Program ID: | 10644580 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station. |
| Latitude: | 37.407640 |
| Longitude: | -121.964900 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Robert G Wendt |
| Entity Title: | Not reported |
| Affiliation Address: | 5102 Calle Del Sol |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 834-7400 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Robert Wendt |
| Entity Title: | VP, Engineering |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Siva Power, Inc |
| Entity Title: | Not reported |
| Affiliation Address: | 5102 Calle Del Sol |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | (408) 834-7400 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Tasman East dba Calif Urban Residential |
| Entity Title: | Not reported |
| Affiliation Address: | 247 Corte Madera Ave |
| Affiliation City: | Mill Valley |
| Affiliation State: | CA |
| Affiliation Country: | United States |

**SIVA POWER (Continued)** **S121766050**

| | |
|---|---|
| Affiliation Zip: | 94 |
| Affiliation Phone: | (415) 533-7170 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Robert Wendt |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 5102 Calle Del Sol |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Siva Power |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (408) 834-7400 |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Siva Power |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**K71 SSE 1/8-1/4 0.157 mi. 828 ft.** | **WESTERN DIGITAL**
**5102 CALLE DEL SOL**
**SANTA CLARA, CA 95054**

**Site 3 of 3 in cluster K**

**CA ENVIROSTOR** | **S108755321**
**N/A**

**Relative: Higher**

**Actual: 11 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71002774 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 24 |
| Senate: | 13 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.40769 |
| Longitude: | -121.9650 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAD981383904 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110009535020 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 71002774 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

**I72 South 1/8-1/4 0.167 mi. 884 ft.** | **SERVER FARM REALTY**
**5101 LAFAYETTE ST**
**SANTA CLARA, CA 95054** | **CA AST** | **A100424388**
**N/A**

**Site 2 of 5 in cluster I**

**Relative: Higher**

**Actual: 12 ft.**

AST:

| | |
|---|---|
| Certified Unified Program Agencies: | Not reported |
| Owner: | Red Sea Group LLC. |
| Total Gallons: | Not reported |
| CERSID: | 10087258 |
| Facility ID: | 43-010-600702 |
| Business Name: | RS Alameda LLC |
| Phone: | 408-496-6868 |
| Fax: | Not reported |
| Mailing Address: | 5101 Lafayette St |
| Mailing Address City: | Santa Clara |
| Mailing Address State: | CA |
| Mailing Address Zip Code: | 95054 |
| Operator Name: | Clayton Ooka |
| Operator Phone: | 408-444-0046 |
| Owner Phone: | 310-563-6295 |
| Owner Mail Address: | 999 N. Sepulveda Blvd. Ste. 600 |
| Owner State: | CA |
| Owner Zip Code: | 90245 |
| Owner Country: | United States |
| Property Owner Name: | Red Sea Group LLC. |
| Property Owner Phone: | 310-563-6295 |
| Property Owner Mailing Address: | 999 N. Sepulveda Blvd. Ste. 600 |
| Property Owner City: | El Segundo |
| Property Owner Stat : | CA |
| Property Owner Zip Code: | 90245 |
| Property Owner Country: | United States |
| EPAID: | Not reported |

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**I73 South 1/8-1/4 0.167 mi. 884 ft.** | **MICRO LITHOGRAPHY INC**
**5101 LAFAYETTE ST**
**SANTA CLARA, CA 95054** | **RCRA-SQG**
**CA EMI**
**CA HAZNET** | **1004675421**
**CAR000072702**

**Site 3 of 5 in cluster I**

**Relative: Higher**

**Actual: 12 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 05/09/2000 |
| Facility name: | MICRO LITHOGRAPHY INC |
| Facility address: | 5101 LAFAYETTE ST<br>SANTA CLARA, CA 95054 |
| EPA ID: | CAR000072702 |
| Mailing address: | 1257 ELKO DR<br>SUNNYVALE, CA 94089 |
| Contact: | KEVIN DUONG |
| Contact address: | 1257 ELKO DR<br>SUNNYVALE, CA 94089 |
| Contact country: | US |
| Contact telephone: | 408-747-1769 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous |

**MICRO LITHOGRAPHY INC (Continued)** **1004675421**

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | YUNG TSAI YEN |
| Owner/operator address: | 1257 ELKO DR<br>SUNNYVALE, CA 94089 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 408-747-1769 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005

**MICRO LITHOGRAPHY INC (Continued)** **1004675421**

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

EMI:

| | |
|---|---|
| Year: | 2011 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 20241 |
| Air District Name: | BA |
| SIC Code: | 7374 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.003 |
| Reactive Organic Gases Tons/Yr: | 0.0025101 |
| Carbon Monoxide Emissions Tons/Yr: | 0.006 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.147 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2012 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 20241 |
| Air District Name: | BA |
| SIC Code: | 7374 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.003 |
| Reactive Organic Gases Tons/Yr: | 0.0025101 |
| Carbon Monoxide Emissions Tons/Yr: | 0.006 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.147 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 2014 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 20241 |
| Air District Name: | BA |
| SIC Code: | 7374 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.00339269 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0.004590084 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.11785337 |

**MICRO LITHOGRAPHY INC (Continued)** **1004675421**

| | |
|---|---|
| SOX - Oxides of Sulphur Tons/Yr: | 0.000143551 |
| Particulate Matter Tons/Yr: | 0.000652181 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.000626094 |

| | |
|---|---|
| Year: | 2015 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 20241 |
| Air District Name: | BA |
| SIC Code: | 7374 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.003536623 |
| Reactive Organic Gases Tons/Yr: | 0.00322975 |
| Carbon Monoxide Emissions Tons/Yr: | 0.004784815 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.12285321 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.00014964 |
| Particulate Matter Tons/Yr: | 0.000679851 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.000652655 |

| | |
|---|---|
| Year: | 2016 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 20241 |
| Air District Name: | BA |
| SIC Code: | 7374 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.003536623 |
| Reactive Organic Gases Tons/Yr: | 0.0031069233055 |
| Carbon Monoxide Emissions Tons/Yr: | 0.004784815 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.122853217 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.00014964 |
| Particulate Matter Tons/Yr: | 0.000679851 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.000652655 |

HAZNET:

| | |
|---|---|
| envid: | 1004675421 |
| Year: | 2007 |
| GEPAID: | CAR000072702 |
| Contact: | KEVIN DUONG |
| Telephone: | 4087471709 |
| Mailing Name: | Not reported |
| Mailing Address: | 1257 ELKO DR |
| Mailing City,St,Zip: | SUNNYVALE, CA 94089 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Other organic solids |
| Disposal Method: | Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.05 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

**MICRO LITHOGRAPHY INC (Continued)** **1004675421**

envid: 1004675421
Year: 2006
GEPAID: CAR000072702
Contact: KEVIN DUONG
Telephone: 4087471709
Mailing Name: Not reported
Mailing Address: 1257 ELKO DR
Mailing City,St,Zip: SUNNYVALE, CA 94089
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1004675421
Year: 2006
GEPAID: CAR000072702
Contact: KEVIN DUONG
Telephone: 4087471709
Mailing Name: Not reported
Mailing Address: 1257 ELKO DR
Mailing City,St,Zip: SUNNYVALE, CA 94089
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Treatment, Incineration
Tons: 0.12
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1004675421
Year: 2006
GEPAID: CAR000072702
Contact: KEVIN DUONG
Telephone: 4087471709
Mailing Name: Not reported
Mailing Address: 1257 ELKO DR
Mailing City,St,Zip: SUNNYVALE, CA 94089
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1004675421

**MICRO LITHOGRAPHY INC (Continued)** **1004675421**

| | |
|---|---|
| Year: | 2006 |
| GEPAID: | CAR000072702 |
| Contact: | KEVIN DUONG |
| Telephone: | 4087471709 |
| Mailing Name: | Not reported |
| Mailing Address: | 1257 ELKO DR |
| Mailing City,St,Zip: | SUNNYVALE, CA 94089 |
| Gen County: | Not reported |
| TSD EPA ID: | CAD009452657 |
| TSD County: | Not reported |
| Waste Category: | Other organic solids |
| Disposal Method: | Treatment, Incineration |
| Tons: | 0.1 |
| Cat Decode: | Not reported |
| Method Decode: | Not reported |
| Facility County: | Santa Clara |

Click this hyperlink while viewing on your computer to access
5 additional CA_HAZNET: record(s) in the EDR Site Report.

---

**I74**
**South**
**1/8-1/4**
**0.167 mi.**
**884 ft.**

**SERVER FARM REALTY** **CA CERS TANKS** **S121746718**
**5101 LAFAYETTE ST** **CA CERS** **N/A**
**SANTA CLARA, CA 95054**

**Site 4 of 5 in cluster I**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

CERS TANKS:

| | |
|---|---|
| Site ID: | 152548 |
| CERS ID: | 10087258 |
| CERS Description: | Aboveground Petroleum Storage |

Violations:

| | |
|---|---|
| Site ID: | 152548 |
| Site Name: | Server Farm Realty |
| Violation Date: | 09-18-2017 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Not reported |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 152548 |
| Site Name: | Server Farm Realty |
| Violation Date: | 09-18-2017 |
| Citation: | HSC 6.67 25270.6(a)(1), 25270.6(a)(2) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(a)(1), 25270.6(a)(2) |
| Violation Description: | Failure to submit a tank facility statement on or before January 1 annually unless a current Business Plan has been submitted. |
| Violation Notes: | Returned to compliance on 11/08/2017. Provided form- in HMBP |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | APSA |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 152548 |

**SERVER FARM REALTY (Continued)** **S121746718**

| | |
|---|---|
| Site Name: | Server Farm Realty |
| Violation Date: | 09-18-2017 |
| Citation: | HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a) |
| Violation Description: | Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended. |
| Violation Notes: | Operator changed from Server Farm Reality To Zayo Group; Property owner and business lic name is RS Alameda; 3 diesel generator tanks with 3500 gallon capacity each |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | APSA |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-18-2017 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-18-2017 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 152548 |
| Facility Name: | Server Farm Realty |
| Env Int Type Code: | APSA |
| Program ID: | 10087258 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.407314 |
| Longitude: | -121.966080 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Greg Sampson |
| Entity Title: | Not reported |
| Affiliation Address: | 398 Libbey Parkway |
| Affiliation City: | Weymouth |
| Affiliation State: | MA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 02189 |
| Affiliation Phone: | (781) 952-6000 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Fred Jalali |

**SERVER FARM REALTY (Continued)** **S121746718**

| | |
|---|---|
| Entity Title: | Facilities Operations Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Fred Jalali |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (669) 272-3904 |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 5101 Lafayette St |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Server Farm Realty |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Server Farm |
| Entity Title: | Not reported |
| Affiliation Address: | 999 N. Sepulveda Blvd. Ste. 600 |
| Affiliation City: | El Segundo |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 90245 |
| Affiliation Phone: | (415) 505-4898 |

**SERVER FARM REALTY (Continued)** **S121746718**

CERS TANKS:

| | |
|---|---|
| Site ID: | 152548 |
| CERS ID: | 10087258 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 152548 |
| Site Name: | Server Farm Realty |
| Violation Date: | 09-18-2017 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Not reported |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 152548 |
| Site Name: | Server Farm Realty |
| Violation Date: | 09-18-2017 |
| Citation: | HSC 6.67 25270.6(a)(1), 25270.6(a)(2) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(a)(1), 25270.6(a)(2) |
| Violation Description: | Failure to submit a tank facility statement on or before January 1 annually unless a current Business Plan has been submitted. |
| Violation Notes: | Returned to compliance on 11/08/2017. Provided form- in HMBP |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | APSA |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 152548 |
| Site Name: | Server Farm Realty |
| Violation Date: | 09-18-2017 |
| Citation: | HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a) |
| Violation Description: | Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended. |
| Violation Notes: | Operator changed from Server Farm Reality To Zayo Group; Property owner and business lic name is RS Alameda; 3 diesel generator tanks with 3500 gallon capacity each |
| Violation Division: | Santa Clara City Fire Department |
| Violation Program: | APSA |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-18-2017 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |

**SERVER FARM REALTY (Continued)** **S121746718**

| | |
|---|---|
| Eval Date: | 09-18-2017 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Santa Clara City Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 152548 |
| Facility Name: | Server Farm Realty |
| Env Int Type Code: | APSA |
| Program ID: | 10087258 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Unknown |
| Latitude: | 37.407314 |
| Longitude: | -121.966080 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Greg Sampson |
| Entity Title: | Not reported |
| Affiliation Address: | 398 Libbey Parkway |
| Affiliation City: | Weymouth |
| Affiliation State: | MA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 02189 |
| Affiliation Phone: | (781) 952-6000 |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Fred Jalali |
| Entity Title: | Facilities Operations Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | Fred Jalali |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (669) 272-3904 |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Santa Clara City Fire Dept |
| Entity Title: | Not reported |
| Affiliation Address: | 1675 Lincoln Street |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |

**SERVER FARM REALTY (Continued)** **S121746718**

| | |
|---|---|
| Affiliation Zip: | 95050 |
| Affiliation Phone: | (408) 615-4970 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 5101 Lafayette St |
| Affiliation City: | Santa Clara |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 95054 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Server Farm Realty |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Server Farm |
| Entity Title: | Not reported |
| Affiliation Address: | 999 N. Sepulveda Blvd. Ste. 600 |
| Affiliation City: | El Segundo |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 90245 |
| Affiliation Phone: | (415) 505-4898 |

---

**I75 South 1/8-1/4 0.167 mi. 884 ft.** | **WESTERN DIGITAL CORP**
**5101 LAFAYETTE ST**
**SANTA CLARA, CA 95054** | **CA CUPA Listings** | **S121470653**
**N/A**

**Site 5 of 5 in cluster I**

**Relative: Higher**

**Actual: 12 ft.**

CUPA SANTA CLARA:

| | |
|---|---|
| Region: | SANTA CLARA |
| PE#: | 2211 |
| Program Description: | GENERATES 1000 TO <2000 TONS/YR |
| Latitude: | 37.406718 |
| Longitude: | -121.966379 |
| Record ID: | PR0312836 |
| Facility ID: | FA0212625 |

**76 WNW 1/8-1/4 0.215 mi. 1136 ft.** | **ALL PURPOSE LANDIFLL**
**5401 LAFAYETTE**
**SANTA CLARA, CA 92024**

**CA ENVIROSTOR** **S100278466**
**CA CHMIRS** **N/A**
**CA HIST CORTESE**

**Relative: Lower**

**Actual: 9 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 43490056 |
| Status: | Refer: RWQCB |
| Status Date: | 05/08/1989 |
| Site Code: | Not reported |
| Site Type: | Historical |
| Site Type Detailed: | * Historical |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Referred - Not Assigned |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | * Site Char & Assess Grant (CERCLA 104) |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.41169 |
| Longitude: | -121.9697 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | * HOUSEHOLD WASTES * CONTAMINATED SOIL Asbestos Containing Materials (ACM * EMPTY CONTAINERS, LESS THAN 30 GALLONS |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | MISSION TRAILS |
| Alias Type: | Alternate Name |
| Alias Name: | SANTA CLARA LANDFILL |
| Alias Type: | Alternate Name |
| Alias Name: | CAD980637342 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 43490056 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | * Discovery |
| Completed Date: | 10/12/1983 |
| Comments: | Records Search: ERRIS. |
| | |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | * Discovery |
| Completed Date: | 09/24/1981 |
| Comments: | Inactive site identified via Superfund Notification. |
| | |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Site Screening |
| Completed Date: | 10/06/1987 |

**ALL PURPOSE LANDIFLL (Continued)** **S100278466**

Comments: Site Screening Done: Operator (Mission): Union Carbide, 270 Park Avenue, NY, NY 10017, (212) 551-4515. Site is adjacent to Santa Clara Landfill.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CHMIRS:

| | |
|---|---|
| OES Incident Number: | 120417 |
| OES notification: | Not reported |
| OES Date: | Not reported |
| OES Time: | Not reported |
| **Date Completed:** | **13-NOV-91** |
| Property Use: | 099 |
| Agency Id Number: | 43090 |
| Agency Incident Number: | 915507 |
| Time Notified: | 255 |
| Time Completed: | 755 |
| Surrounding Area: | 931 |
| Estimated Temperature: | 60 |
| Property Management: | C |
| More Than Two Substances Involved?: | N |
| Resp Agncy Personel # Of Decontaminated: | 0 |
| Responding Agency Personel # Of Injuries: | 0 |
| Responding Agency Personel # Of Fatalities: | 0 |
| Others Number Of Decontaminated: | 0 |
| Others Number Of Injuries: | 0 |
| Others Number Of Fatalities: | 0 |
| Vehicle Make/year: | Not reported |
| Vehicle License Number: | Not reported |
| Vehicle State: | Not reported |
| Vehicle Id Number: | Not reported |
| CA DOT PUC/ICC Number: | Not reported |
| Company Name: | Not reported |
| Reporting Officer Name/ID: | DAVID PARKER 15 C-1 |
| Report Date: | 02-DEC-91 |
| Facility Telephone: | 408 984-3084 |
| Waterway Involved: | Not reported |
| Waterway: | Not reported |
| Spill Site: | Not reported |
| Cleanup By: | Not reported |
| Containment: | Not reported |
| What Happened: | Not reported |
| Type: | Not reported |
| Measure: | Not reported |
| Other: | Not reported |
| Date/Time: | Not reported |
| Year: | 88-92 |
| Agency: | Not reported |
| Incident Date: | 13-NOV-91 |

**ALL PURPOSE LANDIFLL (Continued)** **S100278466**

| | |
|---|---|
| Admin Agency: | Not reported |
| Amount: | Not reported |
| Contained: | Not reported |
| Site Type: | Not reported |
| E Date: | 18-AUG-92 |
| Substance: | Not reported |
| Unknown: | Not reported |
| Substance #2: | Not reported |
| Substance #3: | Not reported |
| Evacuations: | Not reported |
| Number of Injuries: | Not reported |
| Number of Fatalities: | Not reported |
| #1 Pipeline: | Not reported |
| #2 Pipeline: | Not reported |
| #3 Pipeline: | Not reported |
| #1 Vessel >= 300 Tons: | Not reported |
| #2 Vessel >= 300 Tons: | Not reported |
| #3 Vessel >= 300 Tons: | Not reported |
| Evacs: | Not reported |
| Injuries: | Not reported |
| Fatals: | Not reported |
| Comments: | Y |
| Description: | Not reported |

HIST CORTESE:

| | |
|---|---|
| Region: | CORTESE |
| Facility County Code: | 43 |
| Reg By: | CALSI |
| Reg Id: | 43490056 |

---

**77**
**ENE**
**1/4-1/2**
**0.435 mi.**
**2298 ft.**

**AKASHIC MEMORIES CORPORATION**
**305 W TASMAN**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR** **S105629680**
**CA CHMIRS** **N/A**
**CA EMI**

**Relative:**
**Lower**

**Actual:**
**8 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71003087 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.41201 |

**AKASHIC MEMORIES CORPORATION (Continued)** **S105629680**

Longitude: -121.9577
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982497844
Alias Type: EPA Identification Number
Alias Name: 71003087
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CHMIRS:
OES Incident Number: 0919
OES notification: Not reported
OES Date: 11/13/1993
OES Time: 07:35:00 AM
**Date Completed: Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported

**AKASHIC MEMORIES CORPORATION (Continued)** **S105629680**

| | |
|---|---|
| Facility Telephone: | Not reported |
| Waterway Involved: | YES |
| Waterway: | STORM DRAIN |
| Spill Site: | Not reported |
| Cleanup By: | AKASHIC MEMORIES CO |
| Containment: | Not reported |
| What Happened: | Not reported |
| Type: | CHEMICAL |
| Measure: | Not reported |
| Other: | Not reported |
| Date/Time: | Not reported |
| Year: | 1993 |
| Agency: | AKASHIC MEMORIES CO |
| Incident Date: | 11/13/93 0600 |
| Admin Agency: | Not reported |
| Amount: | 35GALS, 5 GAL IN STORMDRAIN. |
| Contained: | YES |
| Site Type: | PL |
| E Date: | Not reported |
| Substance: | ANTI-FREEZE |
| Unknown: | Not reported |
| Substance #2: | Not reported |
| Substance #3: | Not reported |
| Evacuations: | NO |
| Number of Injuries: | NO |
| Number of Fatalities: | NO |
| #1 Pipeline: | Not reported |
| #2 Pipeline: | Not reported |
| #3 Pipeline: | Not reported |
| #1 Vessel >= 300 Tons: | Not reported |
| #2 Vessel >= 300 Tons: | Not reported |
| #3 Vessel >= 300 Tons: | Not reported |
| Evacs: | Not reported |
| Injuries: | Not reported |
| Fatals: | Not reported |
| Comments: | Not reported |
| Description: | LEAKED FROM AN ELECTRICAL GENERATOR OUTSIDE BLDG. |

EMI:

| | |
|---|---|
| Year: | 1990 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5354 |
| Air District Name: | BA |
| SIC Code: | 3572 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 22 |
| Reactive Organic Gases Tons/Yr: | 13 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1995 |

**AKASHIC MEMORIES CORPORATION (Continued)** **S105629680**

| | |
|---|---|
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5354 |
| Air District Name: | BA |
| SIC Code: | 3572 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 18 |
| Reactive Organic Gases Tons/Yr: | 11 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1996 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5354 |
| Air District Name: | BA |
| SIC Code: | 3572 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 18 |
| Reactive Organic Gases Tons/Yr: | 11 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1997 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5354 |
| Air District Name: | BA |
| SIC Code: | 3572 |
| Air District Name: | BAY AREA AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 25 |
| Reactive Organic Gases Tons/Yr: | 13 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Year: | 1998 |
| County Code: | 43 |
| Air Basin: | SF |
| Facility ID: | 5354 |
| Air District Name: | BA |
| SIC Code: | 3572 |
| Air District Name: | BAY AREA AQMD |

**AKASHIC MEMORIES CORPORATION (Continued)** **S105629680**

| | |
|---|---|
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 24 |
| Reactive Organic Gases Tons/Yr: | 13 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

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**78**
**NW**
**1/4-1/2**
**0.468 mi.**
**2473 ft.**

**SANTA CLARA GATEWAY**
**GREAT AMERICA WAY & LAFAYETTE**
**SANTA CLARA, CA 95050**

**CA ENVIROSTOR** **S104549167**
**CA VCP** **N/A**
**CA DEED**

**Relative:**
**Lower**

**Actual:**
**8 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 43290008 |
| Status: | Certified / Operation & Maintenance |
| Status Date: | 11/26/2003 |
| Site Code: | 201317 |
| Site Type: | Voluntary Cleanup |
| Site Type Detailed: | Voluntary Cleanup |
| Acres: | 40 |
| NPL: | NO |
| Regulatory Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Program Manager: | Claude Jemison |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Voluntary Cleanup Program |
| Restricted Use: | YES |
| Site Mgmt Req: | DAY, HOS, SCH, RES, DAY, HOS, SCH, RES |
| Funding: | Responsible Party |
| Latitude: | 37.41640 |
| Longitude: | -121.9743 |
| APN: | 104-01-057, 104-01-095, 104-01-098, 104-01-099, 104-01-101, 104-01-104<br>Not reported |
| Past Use: | MANUFACTURED GAS PLANT |
| Potential COC: | Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL |
| Confirmed COC: | Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL |
| Potential Description: | SOIL |
| Alias Name: | SANTA CLARA GATEWAY/ALL PURPOSE LANDFILL |
| Alias Type: | Alternate Name |
| Alias Name: | YERBA BUENA WAY |
| Alias Type: | Alternate Name |
| Alias Name: | 104-01-057 |
| Alias Type: | APN |
| Alias Name: | 104-01-095 |
| Alias Type: | APN |
| Alias Name: | 104-01-098 |
| Alias Type: | APN |
| Alias Name: | 104-01-099 |
| Alias Type: | APN |

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Alias Name: 104-01-101
Alias Type: APN
Alias Name: 104-01-104
Alias Type: APN
Alias Name: 110033620981
Alias Type: EPA (FRS #)
Alias Name: 201317
Alias Type: Project Code (Site Code)
Alias Name: 43290008
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 04/17/2001
Comments: RIFS - Remedial Investigation/Feasibility Study approved. Investigations identified buried layers of black material, apparently derived from prior charcoal manufacturing activities. Samples of this material indicate the presence of polycyclic aromatic hydrocarbons (PAHs). Petroleum hydrocarbon-impacted soil was encountered underneath and surrounding a maintenance building and the existing garage. Groundwater samples have shown contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 01/21/2010
Comments: The Department of Toxic Substances Control (DTSC) has reviewed the Five-Year Review Yerba Buena Way. The Five Year Review is hereby approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 08/05/2003
Comments: O&M PLAN approved for operation and maintenance activities at both, the Consolidation Cell and Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/13/2001
Comments: DES - Remedial Design and Implementation Plan approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 08/05/2003
Comments: RMDL - Remedial Action approved. Approximately 15,636 cubic yards of polycyclic aromatic hydrocarbons (PAHs)-impacted material was placed in the consolidation cell and capped with a minimum of 2 feet of clean soil, and approximately 16,247 cubic yards of PAHs-impacted material, along with approximately 3,860 cubic yards of petroleum hydrocarbon-impacted soil, was excavated and removed offsite. Yerba Buena Way contained PAHs-impacted material. The Yerba Buena Way and the consolidation cell required deed restrictions and operation and maintenance. An Operation and Maintenance Plan was approved for the

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Consolidation Cell and Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 05/30/2001
Comments: RAP - Remedial Action Plan (RAP) approved for the remediation of the Santa Clara Gateway. The RAP required excavation and on-site consolidation and capping of the PAH-contaminated soil and excavation and off-site disposal of petroleum hydrocarbon-contaminated soil. The capped area will be deed restricted to prevent uncontrolled access

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/03/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/11/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/24/2007
Comments: No problems noted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/04/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/17/2001
Comments: Fact Sheet issued announcing the start of the public comment period for the draft RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/16/2001
Comments: Copy of the Public Notice announcing the start of the public comment period for the draft RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/18/2003
Comments: Press Release issued announcing certification of the project.

Completed Area Name: PROJECT WIDE

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 03/01/2001
Comments: Final Public participation plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/27/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 02/18/2015
Comments: DTSC concurred with the conclusion of the Five-Year Review that the selected remedial action remains protective of human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/13/2012
Comments: The City of Santa Clara submitted its Annual Summary Report for 2011 that documents the results of a visual inspection of the consolidation cell cap surface. DTSC approved the Report and recommended that a checklist be included in next year's inspection report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/29/2012
Comments: The results of the inspection noted that the consolidated cell cap and the Yerba Buena Way cap surfaces were in very good condition with no visible cracks or deterioration that would allow surface water to penetrate through the cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/11/2014
Comments: The City of Santa Clara performed a cap inspection on February 18, 2014 in accordance with the Operations and Maintenance Plan. The inspection noted that, with the exception of the west end, the consolidation cell cap is in very good condition with few visible cracks or deterioration that would allow surface to penetrate through the cap. The west end of the consolidation cell is being reconstructed to be within the property boundaries. The Yerba Buena Way (now Great American Parkway) cap surfaces were in satisfactory condition.

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 12/20/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 12/31/2013
Comments: Notification was provided to DTSC that soil is to be removed from an approximately 25-feet long by 60-feet wide area at the western end of the consolidation cell where polycyclic aromatic hydrocarbon-impacted soil was placed in September 2001. DTSC approved the work proceeding and approved the Soil Management Plan and Health and Safety Plan that were submitted with the notification.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 05/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/02/2015
Comments: The report presents a summary of the removal of 1,557 tons of impacted soil from a portion of a consolidation cell that was inadvertently constructed on Parcel 3 (most of the consolidation cell is situated on Parcel 3 Remainder).The excavated soil was disposed at a permitted Class II landfill.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/29/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/02/2017
Comments: City of Santa Clara staff performed an inspection of the capped areas of the site on January 30, 2017 and submitted an annual summary report documenting the inspection. No damage to or deterioration of the capped areas were observed and the cap was found to be in satisfactory condition. Based on the annual summary report, DTSC concluded site is in compliance with the Land Use Covenant and the Operation and Maintenance Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/02/2018
Comments: Not reported

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 11/20/2003
Comments: Deed Restrictions recorded. The total restricted area is proximately 3/4 of an acre.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 11/20/2003
Comments: Deed Restrictions recorded. The total restricted area is proximately 3.5 acres.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 11/10/2003
Comments: OMA - Operation and Maintenance Agreement approved, which requires operation and maintenance of the Consolidation Cell and Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 05/30/2001
Comments: Approval of Initial Study and Negative Declaration along with the RAP. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/26/2003
Comments: Site Certification as cleaned up.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/19/2000
Comments: VCA - Signed Voluntary Cleanup Agreement (VCA) with the City of Santa Clara for the investigation and remediation of PAHs at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/27/2007
Comments: No problems noted during the inspection.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/25/2008
Comments: The roadway and cell area are in good condition. However, a section of the fence was damaged.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/16/2009
Comments: The Yerba Buena Way roadway was observed to be in good condition and well maintained, with no evidence of pavement disturbance. Additionally, the containment cell was well-vegetated and there was no ponded water, erosion, spalling or large cracks or holes observed. There was no evidence of any activities or conditions prohibited by the Deed Restriction in either the containment cell area or on Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/16/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 09/30/2010
Comments: The Yerba Buena Way roadway was observed to be in good condition and well maintained, with no evidence of pavement disturbance. Additionally, the containment cell was well-vegetated and there was no ponded water, erosion, spalling or large cracks or holes observed. There was no evidence of any activities or conditions prohibited by the Deed Restriction in either the containment cell area or on Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/13/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/15/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/24/2013
Comments: A letter notifying RP/owner of DTSC oversight cost estimates.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/16/2014
Comments: Not reported

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/03/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/14/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/19/2017
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2020
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 05/30/2019
Schedule Revised Date: Not reported

VCP:
Facility ID: 43290008
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: DAY, HOS, SCH, RES, DAY, HOS, SCH, RES
Acres: 40
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 201317
Assembly: 25
Senate: 10
Special Programs Code: Voluntary Cleanup Program
Status: Certified / Operation & Maintenance
Status Date: 11/26/2003
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.41640 / -121.9743
APN: 104-01-057, 104-01-095, 104-01-098, 104-01-099, 104-01-101, 104-01-104

**SANTA CLARA GATEWAY (Continued)** **S104549167**

| | |
|---|---|
| | Not reported |
| Past Use: | MANUFACTURED GAS PLANT |
| Potential COC: | 30019, 30024, 30025, 3002502 |
| Confirmed COC: | 30019,30024,30025,3002502 |
| Potential Description: | SOIL |
| Alias Name: | SANTA CLARA GATEWAY/ALL PURPOSE LANDFILL |
| Alias Type: | Alternate Name |
| Alias Name: | YERBA BUENA WAY |
| Alias Type: | Alternate Name |
| Alias Name: | 104-01-057 |
| Alias Type: | APN |
| Alias Name: | 104-01-095 |
| Alias Type: | APN |
| Alias Name: | 104-01-098 |
| Alias Type: | APN |
| Alias Name: | 104-01-099 |
| Alias Type: | APN |
| Alias Name: | 104-01-101 |
| Alias Type: | APN |
| Alias Name: | 104-01-104 |
| Alias Type: | APN |
| Alias Name: | 110033620981 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201317 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 43290008 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Remedial Investigation / Feasibility Study |
| Completed Date: | 04/17/2001 |
| Comments: | RIFS - Remedial Investigation/Feasibility Study approved. Investigations identified buried layers of black material, apparently derived from prior charcoal manufacturing activities. Samples of this material indicate the presence of polycyclic aromatic hydrocarbons (PAHs). Petroleum hydrocarbon-impacted soil was encountered underneath and surrounding a maintenance building and the existing garage. Groundwater samples have shown contamination. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | 5 Year Review Reports |
| Completed Date: | 01/21/2010 |
| Comments: | The Department of Toxic Substances Control (DTSC) has reviewed the Five-Year Review Yerba Buena Way. The Five Year Review is hereby approved. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Operations and Maintenance Plan |
| Completed Date: | 08/05/2003 |
| Comments: | O&M PLAN approved for operation and maintenance activities at both, the Consolidation Cell and Yerba Buena Way. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Document Type: Design/Implementation Workplan
Completed Date: 07/13/2001
Comments: DES - Remedial Design and Implementation Plan approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 08/05/2003
Comments: RMDL - Remedial Action approved. Approximately 15,636 cubic yards of polycyclic aromatic hydrocarbons (PAHs)-impacted material was placed in the consolidation cell and capped with a minimum of 2 feet of clean soil, and approximately 16,247 cubic yards of PAHs-impacted material, along with approximately 3,860 cubic yards of petroleum hydrocarbon-impacted soil, was excavated and removed offsite. Yerba Buena Way contained PAHs-impacted material. The Yerba Buena Way and the consolidation cell required deed restrictions and operation and maintenance. An Operation and Maintenance Plan was approved for the Consolidation Cell and Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 05/30/2001
Comments: RAP - Remedial Action Plan (RAP) approved for the remediation of the Santa Clara Gateway. The RAP required excavation and on-site consolidation and capping of the PAH-contaminated soil and excavation and off-site disposal of petroleum hydrocarbon-contaminated soil. The capped area will be deed restricted to prevent uncontrolled access

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/03/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/11/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/24/2007
Comments: No problems noted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/04/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/17/2001

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Comments: Fact Sheet issued announcing the start of the public comment period for the draft RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/16/2001
Comments: Copy of the Public Notice announcing the start of the public comment period for the draft RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/18/2003
Comments: Press Release issued announcing certification of the project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 03/01/2001
Comments: Final Public participation plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/27/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 02/18/2015
Comments: DTSC concurred with the conclusion of the Five-Year Review that the selected remedial action remains protective of human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/13/2012
Comments: The City of Santa Clara submitted its Annual Summary Report for 2011 that documents the results of a visual inspection of the consolidation cell cap surface. DTSC approved the Report and recommended that a checklist be included in next year's inspection report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/29/2012
Comments: The results of the inspection noted that the consolidated cell cap

**SANTA CLARA GATEWAY (Continued)** **S104549167**

and the Yerba Buena Way cap surfaces were in very good condition with no visible cracks or deterioration that would allow surface water to penetrate through the cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/11/2014
Comments: The City of Santa Clara performed a cap inspection on February 18, 2014 in accordance with the Operations and Maintenance Plan. The inspection noted that, with the exception of the west end, the consolidation cell cap is in very good condition with few visible cracks or deterioration that would allow surface to penetrate through the cap. The west end of the consolidation cell is being reconstructed to be within the property boundaries. The Yerba Buena Way (now Great American Parkway) cap surfaces were in satisfactory condition.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 12/20/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 12/31/2013
Comments: Notification was provided to DTSC that soil is to be removed from an approximately 25-feet long by 60-feet wide area at the western end of the consolidation cell where polycyclic aromatic hydrocarbon-impacted soil was placed in September 2001. DTSC approved the work proceeding and approved the Soil Management Plan and Health and Safety Plan that were submitted with the notification.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 05/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/02/2015
Comments: The report presents a summary of the removal of 1,557 tons of impacted soil from a portion of a consolidation cell that was inadvertently constructed on Parcel 3 (most of the consolidation cell is situated on Parcel 3 Remainder).The excavated soil was disposed at a permitted Class II landfill.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/29/2016
Comments: Not reported

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/02/2017
Comments: City of Santa Clara staff performed an inspection of the capped areas of the site on January 30, 2017 and submitted an annual summary report documenting the inspection. No damage to or deterioration of the capped areas were observed and the cap was found to be in satisfactory condition. Based on the annual summary report, DTSC concluded site is in compliance with the Land Use Covenant and the Operation and Maintenance Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/02/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 11/20/2003
Comments: Deed Restrictions recorded. The total restricted area is proximately 3/4 of an acre.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 11/20/2003
Comments: Deed Restrictions recorded. The total restricted area is proximately 3.5 acres.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 11/10/2003
Comments: OMA - Operation and Maintenance Agreement approved, which requires operation and maintenance of the Consolidation Cell and Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 05/30/2001
Comments: Approval of Initial Study and Negative Declaration along with the RAP. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/26/2003
Comments: Site Certification as cleaned up.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/19/2000

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Comments: VCA - Signed Voluntary Cleanup Agreement (VCA) with the City of Santa Clara for the investigation and remediation of PAHs at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/27/2007
Comments: No problems noted during the inspection.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/25/2008
Comments: The roadway and cell area are in good condition. However, a section of the fence was damaged.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/16/2009
Comments: The Yerba Buena Way roadway was observed to be in good condition and well maintained, with no evidence of pavement disturbance. Additionally, the containment cell was well-vegetated and there was no ponded water, erosion, spalling or large cracks or holes observed. There was no evidence of any activities or conditions prohibited by the Deed Restriction in either the containment cell area or on Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/16/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 09/30/2010
Comments: The Yerba Buena Way roadway was observed to be in good condition and well maintained, with no evidence of pavement disturbance. Additionally, the containment cell was well-vegetated and there was no ponded water, erosion, spalling or large cracks or holes observed. There was no evidence of any activities or conditions prohibited by the Deed Restriction in either the containment cell area or on Yerba Buena Way.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/13/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/15/2011
Comments: Not reported

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/24/2013
Comments: A letter notifying RP/owner of DTSC oversight cost estimates.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/03/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/14/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/19/2017
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2020
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 05/30/2019
Schedule Revised Date: Not reported

DEED:
Envirostor ID: 43290008
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP

**SANTA CLARA GATEWAY (Continued)** **S104549167**

Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 11/20/2003
File Name: Envirostor Land Use Restrictions

Envirostor ID: 43290008
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 11/20/2003
File Name: Envirostor Land Use Restrictions

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**79**
**ENE**
**1/2-1**
**0.562 mi.**
**2965 ft.**

**71 VISTA MONTANA**
**71 VISTA MONTANA**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR** **1005452253**
**CA VCP** **N/A**
**CA WDS**

**Relative:**
**Lower**

**Actual:**
**9 ft.**

ENVIROSTOR:
Facility ID: 60000591
Status: Inactive - Action Required
Status Date: 08/01/2008
Site Code: 201738
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 4.21
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.41351
Longitude: -121.9565
APN: 097-52-027
Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential COC: Arsenic DDD DDE DDT Dieldrin
Confirmed COC: 30207-NO 30001-NO 30006-NO 30007-NO 30008-NO
Potential Description: SOIL
Alias Name: 097-52-027
Alias Type: APN
Alias Name: 110000770979
Alias Type: EPA (FRS #)
Alias Name: 110033612972
Alias Type: EPA (FRS #)
Alias Name: 201738
Alias Type: Project Code (Site Code)
Alias Name: 60000591

**71 VISTA MONTANA (Continued)** **1005452253**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/23/2007
Comments: This Phase I Environmental Site Assessment Report was submitted along with the Request for Agency Oversight Application that DTSC received from PES Environmental on behalf of Sobrato Development Companies. DTSC did not oversee the Phase I Environmental Site Assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/18/2016
Comments: The County of Santa Clara Hazardous Materials Compliance Division acknowledged receiving the final closure package for the Permit by Rule unit at the Supertex facility, and concluded the treatment operation was closed as of February 9, 2016 and is no longer subject to the operating standards of Permit by Rule.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Facility ID: 71003060
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.41354
Longitude: -121.9565
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED

**71 VISTA MONTANA (Continued)** **1005452253**

| | |
|---|---|
| Alias Name: | CAD982471534 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110000770979 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 71003060 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

VCP:

| | |
|---|---|
| Facility ID: | 60000591 |
| Site Type: | Voluntary Cleanup |
| Site Type Detail: | Voluntary Cleanup |
| Site Mgmt. Req.: | NONE SPECIFIED |
| Acres: | 4.21 |
| National Priorities List: | NO |
| Cleanup Oversight Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Lead Agency Description: | DTSC - Site Cleanup Program |
| Project Manager: | Not reported |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Site Code: | 201738 |
| Assembly: | 25 |
| Senate: | 10 |
| Special Programs Code: | Not reported |
| Status: | Inactive - Action Required |
| Status Date: | 08/01/2008 |
| Restricted Use: | NO |
| Funding: | Responsible Party |
| Lat/Long: | 37.41351 / -121.9565 |
| APN: | 097-52-027 |
| Past Use: | AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS |
| Potential COC: | 30001, 30006, 30007, 30008, 30207 |
| Confirmed COC: | 30207-NO,30001-NO,30006-NO,30007-NO,30008-NO |
| Potential Description: | SOIL |
| Alias Name: | 097-52-027 |
| Alias Type: | APN |
| Alias Name: | 110000770979 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 110033612972 |
| Alias Type: | EPA (FRS #) |

**71 VISTA MONTANA (Continued)** **1005452253**

Alias Name: 201738
Alias Type: Project Code (Site Code)
Alias Name: 60000591
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/23/2007
Comments: This Phase I Environmental Site Assessment Report was submitted along with the Request for Agency Oversight Application that DTSC received from PES Environmental on behalf of Sobrato Development Companies. DTSC did not oversee the Phase I Environmental Site Assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/18/2016
Comments: The County of Santa Clara Hazardous Materials Compliance Division acknowledged receiving the final closure package for the Permit by Rule unit at the Supertex facility, and concluded the treatment operation was closed as of February 9, 2016 and is no longer subject to the operating standards of Permit by Rule.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

WDS:
Facility ID: San Francisco Bay 43I015071
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 4082228888
Facility Contact: ANH DO
Agency Name: SUPERTEX INC
Agency Address: 1235 Bordeaux Dr
Agency City,St,Zip: Sunnyvale 940891203
Agency Contact: ANH DO
Agency Telephone: 4082228888
Agency Type: Private
SIC Code: 0

**71 VISTA MONTANA (Continued)** **1005452253**

| | |
|---|---|
| SIC Code 2: | Not reported |
| Primary Waste Type: | Not reported |
| Primary Waste: | Not reported |
| Waste Type2: | Not reported |
| Waste2: | Not reported |
| Primary Waste Type: | Not reported |
| Secondary Waste: | Not reported |
| Secondary Waste Type: | Not reported |
| Design Flow: | 0 |
| Baseline Flow: | 0 |
| Reclamation: | Not reported |
| POTW: | Not reported |
| Treat To Water: | Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality. |
| Complexity: | Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds. |

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**80**
**South**
**1/2-1**
**0.594 mi.**
**3138 ft.**

**GIANERA 2 - HABITAT FOR HUMANITY SILICON VALLEY** **CA ENVIROSTOR** **S110275520**
**2261 - 2285 GIANERA STREET** **CA VCP** **N/A**
**SANTA CLARA, CA 95054**

**Relative:**
**Higher**

**Actual:**
**16 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 60001273 |
| Status: | Certified |
| Status Date: | 03/30/2011 |
| Site Code: | 201878 |
| Site Type: | Voluntary Cleanup |
| Site Type Detailed: | Voluntary Cleanup |
| Acres: | 0.33 |
| NPL: | NO |
| Regulatory Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Program Manager: | Henry Chui |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Responsible Party |
| Latitude: | 37.40115 |
| Longitude: | -121.9651 |
| APN: | NONE SPECIFIED |
| Past Use: | UNKNOWN |
| Potential COC: | Lead |
| Confirmed COC: | Lead |
| Potential Description: | SOIL |

**GIANERA 2 - HABITAT FOR HUMANITY SILICON VALLEY (Continued)** **S110275520**

Alias Name: 201878
Alias Type: Project Code (Site Code)
Alias Name: 60001273
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/03/2010
Comments: DTSC approved the final RAW. The cleanup will involve excavation of 200 to 300 cubic yards for lead-contaminated soil from landscaped areas around four single-family homes and a two-story condominium building that are currently on the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/16/2010
Comments: The Gianera Removal Action Worlplan was public notice on September 22, 2010 and was sent to the San Jose Press Democrat on September 16, 2010. The public comment period will run from September 22 through October 22, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/16/2010
Comments: The Gianera Removal Action Worlplan was public notice on September 22, 2010 and was sent to the San Jose Press Democrat on September 16, 2010. The public comment period will run from September 22 through October 22, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/15/2010
Comments: The field work for the removal of lead contaminated soil begun on December 15 and ie expected to last 1 week.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 11/15/2010
Comments: The Gianera Work Notice has been completed to annouce the start of the RAW implementation to remove lead contaminated soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/22/2011
Comments: Final Completion Report documents the remedial activities that were

**GIANERA 2 - HABITAT FOR HUMANITY SILICON VALLEY (Continued)** **S110275520**

conducted under the approved Removal Action Workplan. Approxametaly 123 tons of lead contaminated soil was excavated. Confirmation samples showed they met the cleanup goal of 80 mg/kg for unrestricted use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 05/11/2010
Comments: DTSC approved the supplemental soil investigation work plan to characterize the vertial extent of the lead contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 07/30/2010
Comments: The community profile for Gianera Habitat for Humanity was completed in July 2010 after community survey was sent to the surrounding community.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/06/2010
Comments: This is a Voluntary Cleanup Agreement between the Department and Habitat for Humanity, Silicon Valley for the investigation and cleanup of lead contamination for residential use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/30/2011
Comments: The certification report that all remedial activities have been completed as outline in the approved Remedial Action Workplan. The lead contaminated soil in the exposed areas have been removed to unresticted use and backfilled with cleanup imported materials.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 10/26/2010
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 60001273
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup

**GIANERA 2 - HABITAT FOR HUMANITY SILICON VALLEY (Continued)** **S110275520**

| | |
|---|---|
| Site Mgmt. Req.: | NONE SPECIFIED |
| Acres: | 0.33 |
| National Priorities List: | NO |
| Cleanup Oversight Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Lead Agency Description: | DTSC - Site Cleanup Program |
| Project Manager: | Henry Chui |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Site Code: | 201878 |
| Assembly: | 25 |
| Senate: | 10 |
| Special Programs Code: | Not reported |
| Status: | Certified |
| Status Date: | 03/30/2011 |
| Restricted Use: | NO |
| Funding: | Responsible Party |
| Lat/Long: | 37.40115 / -121.9651 |
| APN: | NONE SPECIFIED |
| Past Use: | UNKNOWN |
| Potential COC: | 30013 |
| Confirmed COC: | 30013 |
| Potential Description: | SOIL |
| Alias Name: | 201878 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 60001273 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Site Characterization Report |
| Completed Date: | 06/29/2010 |
| Comments: | Not reported |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Removal Action Workplan |
| Completed Date: | 11/03/2010 |
| Comments: | DTSC approved the final RAW. The cleanup will involve excavation of 200 to 300 cubic yards for lead-contaminated soil from landscaped areas around four single-family homes and a two-story condominium building that are currently on the site. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Fact Sheets |
| Completed Date: | 09/16/2010 |
| Comments: | The Gianera Removal Action Worlplan was public notice on September 22, 2010 and was sent to the San Jose Press Democrat on September 16, 2010. The public comment period will run from September 22 through October 22, 2010. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Public Notice |
| Completed Date: | 09/16/2010 |
| Comments: | The Gianera Removal Action Worlplan was public notice on September |

**GIANERA 2 - HABITAT FOR HUMANITY SILICON VALLEY (Continued)** **S110275520**

22, 2010 and was sent to the San Jose Press Democrat on September 16, 2010. The public comment period will run from September 22 through October 22, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/15/2010
Comments: The field work for the removal of lead contaminated soil begun on December 15 and ie expected to last 1 week.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 11/15/2010
Comments: The Gianera Work Notice has been completed to annouce the start of the RAW implementation to remove lead contaminated soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/22/2011
Comments: Final Completion Report documents the remedial activities that were conducted under the approved Removal Action Workplan. Approxametaly 123 tons of lead contaminated soil was excavated. Confirmation samples showed they met the cleanup goal of 80 mg/kg for unrestricted use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 05/11/2010
Comments: DTSC approved the supplemental soil investigation work plan to characterize the vertial extent of the lead contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 07/30/2010
Comments: The community profile for Gianera Habitat for Humanity was completed in July 2010 after community survey was sent to the surrounding community.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/06/2010
Comments: This is a Voluntary Cleanup Agreement between the Department and Habitat for Humanity, Silicon Valley for the investigation and cleanup of lead contamination for residential use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/30/2011
Comments: The certification report that all remedial activities have been completed as outline in the approved Remedial Action Workplan. The

**GIANERA 2 - HABITAT FOR HUMANITY SILICON VALLEY (Continued)** **S110275520**

lead contaminated soil in the exposed areas have been removed to unresticted use and backfilled with cleanup imported materials.

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | CEQA - Notice of Exemption |
| Completed Date: | 10/26/2010 |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

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**81**
**SSE**
**1/2-1**
**0.618 mi.**
**3262 ft.**

**HOGAN DRIVE PROPERTY**
**HOGAN DRIVE AND LAFAYETTE STREET**
**SANTA CLARA, CA 95054**

**CA ENVIROSTOR** **S108054464**
**CA VCP** **N/A**

**Relative:**
**Higher**

**Actual:**
**18 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 60000397 |
| Status: | No Further Action |
| Status Date: | 02/09/2011 |
| Site Code: | 201675 |
| Site Type: | Voluntary Cleanup |
| Site Type Detailed: | Voluntary Cleanup |
| Acres: | 2.8 |
| NPL: | NO |
| Regulatory Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Program Manager: | Denise Tsuji |
| Supervisor: | Denise Tsuji |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Voluntary Cleanup Program |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Responsible Party |
| Latitude: | 37.401 |
| Longitude: | -121.962 |
| APN: | 097-17-128 |
| Past Use: | DRY CLEANING |
| Potential COC: | Tetrachloroethylene (PCE |
| Confirmed COC: | Tetrachloroethylene (PCE |
| Potential Description: | OTH, SOIL |
| Alias Name: | 097-17-128 |
| Alias Type: | APN |
| Alias Name: | 110033614907 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201675 |
| Alias Type: | Project Code (Site Code) |

**HOGAN DRIVE PROPERTY (Continued)** **S108054464**

Alias Name: 60000397
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/28/2007
Comments: See SAP and Pilot Study Approval letter,

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/28/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/15/2007
Comments: Final soil gas sampling lab data received 7/9/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/15/2007
Comments: Raw data from post injection GW sampling submitted. Second round of soil vapor sampling to occur June 28.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 10/18/2007
Comments: Approved with modifications workplan for additional soil, soil vapor, and ground water sampling north and east of former dry cleaner location and along utility corridor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/31/2007
Comments: Field work to collected soil, soil vapor, and GW data on Snead, north of the site completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/28/2008
Comments: No action required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 01/03/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

**HOGAN DRIVE PROPERTY (Continued)** **S108054464**

| | |
|---|---|
| Completed Document Type: | Voluntary Cleanup Agreement |
| Completed Date: | 12/01/2006 |
| Comments: | Not reported |
| | |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

VCP:

| | |
|---|---|
| Facility ID: | 60000397 |
| Site Type: | Voluntary Cleanup |
| Site Type Detail: | Voluntary Cleanup |
| Site Mgmt. Req.: | NONE SPECIFIED |
| Acres: | 2.8 |
| National Priorities List: | NO |
| Cleanup Oversight Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Lead Agency Description: | DTSC - Site Cleanup Program |
| Project Manager: | Denise Tsuji |
| Supervisor: | Denise Tsuji |
| Division Branch: | Cleanup Berkeley |
| Site Code: | 201675 |
| Assembly: | 25 |
| Senate: | 10 |
| Special Programs Code: | Voluntary Cleanup Program |
| Status: | No Further Action |
| Status Date: | 02/09/2011 |
| Restricted Use: | NO |
| Funding: | Responsible Party |
| Lat/Long: | 37.401 / -121.962 |
| APN: | 097-17-128 |
| Past Use: | DRY CLEANING |
| Potential COC: | 30022 |
| Confirmed COC: | 30022 |
| Potential Description: | OTH, SOIL |
| Alias Name: | 097-17-128 |
| Alias Type: | APN |
| Alias Name: | 110033614907 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201675 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 60000397 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Site Characterization Workplan |
| Completed Date: | 02/28/2007 |
| Comments: | See SAP and Pilot Study Approval letter, |

**HOGAN DRIVE PROPERTY (Continued)** **S108054464**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/28/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/15/2007
Comments: Final soil gas sampling lab data received 7/9/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/15/2007
Comments: Raw data from post injection GW sampling submitted. Second round of soil vapor sampling to occur June 28.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 10/18/2007
Comments: Approved with modifications workplan for additional soil, soil vapor, and ground water sampling north and east of former dry cleaner location and along utility corridor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/31/2007
Comments: Field work to collected soil, soil vapor, and GW data on Snead, north of the site completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/28/2008
Comments: No action required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 01/03/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 12/01/2006
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported

**HOGAN DRIVE PROPERTY (Continued)** **S108054464**

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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**82**
**North**
**1/2-1**
**0.689 mi.**
**3637 ft.**

**CISCO SYSTEMS SITE 6**
**NORTH FIRST STREET AND SYNTAX COURT**
**SAN JOSE, CA 95002**

**CA ENVIROSTOR** **S104735528**
**CA VCP** **N/A**
**CA DEED**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 43010027 |
| Status: | Certified O&M - Land Use Restrictions Only |
| Status Date: | 02/05/2007 |
| Site Code: | 201353 |
| Site Type: | Voluntary Cleanup |
| Site Type Detailed: | Voluntary Cleanup |
| Acres: | 19 |
| NPL: | NO |
| Regulatory Agencies: | SMBRP, CITY OF SAN JOSE |
| Lead Agency: | SMBRP |
| Program Manager: | Claude Jemison |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Voluntary Cleanup Program |
| Restricted Use: | YES |
| Site Mgmt Req: | DAY, HOS, LUC, NOWN, SCH, FOOD, RES |
| Funding: | Responsible Party |
| Latitude: | 37.42041 |
| Longitude: | -121.9636 |
| APN: | 015-39-046, 015-39-047 |
| Past Use: | LANDFILL - DOMESTIC |
| Potential COC: | Arsenic Lead |
| Confirmed COC: | Arsenic Lead |
| Potential Description: | SOIL |
| Alias Name: | CISCO SYSTEMS SITE 6 |
| Alias Type: | Alternate Name |
| Alias Name: | 015-39-046 |
| Alias Type: | APN |
| Alias Name: | 015-39-047 |
| Alias Type: | APN |
| Alias Name: | 110033606300 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201353 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 43010027 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Site Characterization Workplan |
| Completed Date: | 09/11/2014 |
| Comments: | This supplemental proposed scope of work was developed based on the results of soil vapor and groundwater grab testing data resulting |

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

from field work conducted on July 1 and 2, and August 7 and 8, 2014. The proposed supplemental work includes undertaking a supplemental round of soil, refuse, and grab groundwater sampling

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 05/21/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 06/09/2015
Comments: The Workplan for Limited Subsurface Assessment outlines investigation activities for the purpose of assessing the presence or absence and thickness of waste material within in the footprint of a proposed hotel. Additionally, the Workplan outlines soil management procedures for the work to comply with the requirement in the Land Use Covenant for a DTSC-approved Soil Management Plan for disturbance of soil 1.5 feet or deeper below the ground surface.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/24/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 09/09/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 06/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 05/23/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 08/29/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/13/2018
Comments: Notification of the end of the landfill gas monitoring.

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/27/2001
Comments: Soil Management Plan was approved to provide technical and operational guidelines to be followed during redevelopment and future activities at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/12/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/22/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 07/02/2009
Comments: The Five Year Review is hereby approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/20/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 05/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 07/31/2014
Comments: The work plan includes extending the grab groundwater sampling program based on the results of grab groundwater testing data resulting from field work conducted on July 1 and 2, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 12/11/2006
Comments: Not reported

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 05/23/2003
Comments: Executed and recorded Deed Restriction at the Santa Clara County Recorder's Office. Restricts any future onsite operations to commercial / industrial uses.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 10/19/2000
Comments: Cisco Systems Inc. entered into a VCA for DTSC to oversee development of a deed restriction and an operation and maintenance agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/20/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/06/2008
Comments: Damage fence was observed during the inspection. However, there was no evidence of any activites prohibited by the deed restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Voluntary Cleanup Agreement Completion
Completed Date: 05/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/05/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/02/2012
Comments: DTSC conducted its annual site visit to verify compliance with the restrictions and requirements of the Land Use Covenant. The surface soil on the Site appeared undisturbed, and the Site remains undeveloped. However, numerous animal burrows were observed along the perimeter of the fence. There was no evidence of any activities prohibited by the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/06/2011
Comments: DTSC conducted an annual inspection to check the condition of the cap that is on the site and to verify compliance with the land use

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

restrictions that are included in a Deed Restriction. Numerous animal burrows were observed along the perimeter of the fence, although the cap was observed to be in generally good condition. The damaged fence observed during last year's inspection was repaired. There is no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/25/2009
Comments: Upon inspection, the surface soils appeared undisturbed, and the property remains undeveloped. Damage to the fence was observed during the inspection. However, there was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/28/2008
Comments: Requested a draft 5 year report to be submitted by 6/01/2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/01/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 08/16/2013
Comments: The RP, South Bay Development Company, had an annual inspection report performed on July 19, 2013. Animal burrows and some charring possibly from a grass fire were noted; however, impacted soil remains under the 1.5 foot layer of clean soil and remains undisturbed. Inspector recommend that fence maintenance should be considered for the shrubbery/trees growing into the fence since they may damage the fence. DTSC concurs with the conclusion that the current site conditions remain protective of human health.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/05/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/04/2014
Comments: DTSC sent a letter to OTO Development confirming that the site may be

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

used as a hotel.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/29/2014
Comments: Emails from consultant regarding sampling plan from June to September

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/06/2014
Comments: Email provided information on and conveyed a summary of the May 30, 2014 meeting between the Local Enforcement Agency, CalRecycle, and consultants for the site developer.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/27/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/31/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/27/2015
Comments: Email is follow up on observations and notes from initial site visit made by Regional Water Quality Control Board on August 19, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/03/2015
Comments: Letter from Krazan & Associates to DTSC providing notification, as required by the 2003 Land Use Covenant, of site grading activities on the proposed hotel parcel.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/30/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

Completed Document Type: Correspondence
Completed Date: 12/15/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/20/2018
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2019
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 43010027
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: DAY, HOS, LUC, NOWN, SCH, FOOD, RES
Acres: 19
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, CITY OF SAN JOSE
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Claude Jemison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 201353
Assembly: 25
Senate: 10
Special Programs Code: Voluntary Cleanup Program
Status: Certified O&M - Land Use Restrictions Only
Status Date: 02/05/2007
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.42041 / -121.9636
APN: 015-39-046, 015-39-047
Past Use: LANDFILL - DOMESTIC
Potential COC: 30001, 30013
Confirmed COC: 30001,30013
Potential Description: SOIL
Alias Name: CISCO SYSTEMS SITE 6
Alias Type: Alternate Name
Alias Name: 015-39-046
Alias Type: APN
Alias Name: 015-39-047
Alias Type: APN
Alias Name: 110033606300
Alias Type: EPA (FRS #)
Alias Name: 201353
Alias Type: Project Code (Site Code)

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

Alias Name: 43010027
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/11/2014
Comments: This supplemental proposed scope of work was developed based on the results of soil vapor and groundwater grab testing data resulting from field work conducted on July 1 and 2, and August 7 and 8, 2014. The proposed supplemental work includes undertaking a supplemental round of soil, refuse, and grab groundwater sampling

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 05/21/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 06/09/2015
Comments: The Workplan for Limited Subsurface Assessment outlines investigation activities for the purpose of assessing the presence or absence and thickness of waste material within in the footprint of a proposed hotel. Additionally, the Workplan outlines soil management procedures for the work to comply with the requirement in the Land Use Covenant for a DTSC-approved Soil Management Plan for disturbance of soil 1.5 feet or deeper below the ground surface.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/24/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 09/09/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 06/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 05/23/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 08/29/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/13/2018
Comments: Notification of the end of the landfill gas monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/27/2001
Comments: Soil Management Plan was approved to provide technical and operational guidelines to be followed during redevelopment and future activities at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/12/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/22/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 07/02/2009
Comments: The Five Year Review is hereby approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/20/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 05/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

Completed Date: 07/31/2014
Comments: The work plan includes extending the grab groundwater sampling program based on the results of grab groundwater testing data resulting from field work conducted on July 1 and 2, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 12/11/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 05/23/2003
Comments: Executed and recorded Deed Restriction at the Santa Clara County Recorder's Office. Restricts any future onsite operations to commercial / industrial uses.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 10/19/2000
Comments: Cisco Systems Inc. entered into a VCA for DTSC to oversee development of a deed restriction and an operation and maintenance agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/20/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/06/2008
Comments: Damage fence was observed during the inspection. However, there was no evidence of any activites prohibited by the deed restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Voluntary Cleanup Agreement Completion
Completed Date: 05/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/05/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/02/2012
Comments: DTSC conducted its annual site visit to verify compliance with the restrictions and requirements of the Land Use Covenant. The surface

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

soil on the Site appeared undisturbed, and the Site remains undeveloped. However, numerous animal burrows were observed along the perimeter of the fence. There was no evidence of any activities prohibited by the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/06/2011
Comments: DTSC conducted an annual inspection to check the condition of the cap that is on the site and to verify compliance with the land use restrictions that are included in a Deed Restriction. Numerous animal burrows were observed along the perimeter of the fence, although the cap was observed to be in generally good condition. The damaged fence observed during last year's inspection was repaired. There is no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/25/2009
Comments: Upon inspection, the surface soils appeared undisturbed, and the property remains undeveloped. Damage to the fence was observed during the inspection. However, there was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/28/2008
Comments: Requested a draft 5 year report to be submitted by 6/01/2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/01/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 08/16/2013
Comments: The RP, South Bay Development Company, had an annual inspection report performed on July 19, 2013. Animal burrows and some charring possibly from a grass fire were noted; however, impacted soil remains under the 1.5 foot layer of clean soil and remains undisturbed. Inspector recommend that fence maintenance should be considered for the shrubbery/trees growing into the fence since they may damage the fence. DTSC concurs with the conclusion that the current site conditions remain protective of human health.

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/05/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/04/2014
Comments: DTSC sent a letter to OTO Development confirming that the site may be used as a hotel.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/29/2014
Comments: Emails from consultant regarding sampling plan from June to September

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/06/2014
Comments: Email provided information on and conveyed a summary of the May 30, 2014 meeting between the Local Enforcement Agency, CalRecycle, and consultants for the site developer.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/27/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/31/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/27/2015
Comments: Email is follow up on observations and notes from initial site visit made by Regional Water Quality Control Board on August 19, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/03/2015
Comments: Letter from Krazan & Associates to DTSC providing notification, as

**CISCO SYSTEMS SITE 6 (Continued)** **S104735528**

required by the 2003 Land Use Covenant, of site grading activities on the proposed hotel parcel.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/30/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/15/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/20/2018
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2019
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Envirostor ID: 43010027
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 05/23/2003
File Name: Envirostor Land Use Restrictions

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**83**
**ENE**
**1/2-1**
**0.693 mi.**
**3657 ft.**

**VISTA MONTANA PARK**
**4145 N. 1ST STREET**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR** **S107737581**
**CA VCP** **N/A**
**CA DEED**
**CA SAN JOSE HAZMAT**

**Relative:**
**Higher**

**Actual:**
**10 ft.**

ENVIROSTOR:
Facility ID: 60000294
Status: Active
Status Date: 09/11/2006
Site Code: 202049
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 20.75
NPL: NO

**VISTA MONTANA PARK (Continued)** **S107737581**

| | |
|---|---|
| Regulatory Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Program Manager: | Jovanne Villamater |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Voluntary Cleanup Program |
| Restricted Use: | YES |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Responsible Party |
| Latitude: | 37.41475 |
| Longitude: | -121.9552 |
| APN: | 097-52-013, 097-52-028, 097-52-029, 097-52-041, 097-52-042, 097-53-015, 09752013, 09752028, 09752029, 09753015 |
| Past Use: | AGRICULTURAL - ORCHARD |
| Potential COC: | Arsenic DDT Lead |
| Confirmed COC: | 30001-NO 30008-NO 30013-NO |
| Potential Description: | SOIL |
| Alias Name: | 097-52-013 |
| Alias Type: | APN |
| Alias Name: | 097-52-028 |
| Alias Type: | APN |
| Alias Name: | 097-52-029 |
| Alias Type: | APN |
| Alias Name: | 097-52-041 |
| Alias Type: | APN |
| Alias Name: | 097-52-042 |
| Alias Type: | APN |
| Alias Name: | 097-53-015 |
| Alias Type: | APN |
| Alias Name: | 09752013 |
| Alias Type: | APN |
| Alias Name: | 09752028 |
| Alias Type: | APN |
| Alias Name: | 09752029 |
| Alias Type: | APN |
| Alias Name: | 09753015 |
| Alias Type: | APN |
| Alias Name: | 110033614346 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201657 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 202049 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 60000294 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Technical Report |
| Completed Date: | 04/28/2006 |
| Comments: | Site investigations indicated that shallow soil is impacted from historical pesticide use. Arsenic concentrations were observed to be elevated. Other pesticide-associated COCs were detected at concentrations below human health screening levels. |

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/09/2008
Comments: DTSC approved Final RAW on 5/9/2008.

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/01/2012
Comments: Earth-moving activities completed at site; construction of on-site buildings and installation of hardscape cap to commence in Fall 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/26/2006
Comments: Site characterization approved. Site investigations indicated that shallow soil is impacted from historical pesticide use. Arsenic determined to be primary contaminant of concern at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 03/22/2007
Comments: Community profile approved. Survey indicated low community interest in site cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/17/2006
Comments: Letter acknowledges that project concept of residential development above ground-level parking with capped arsenic-impacted soils is generally feasible with identified controls and in the context of Department precedents. Letter refers project proponents to DTSC Sensitive Uses Policy Memo.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/12/2007
Comments: Public comment period set to begin 10/18/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/12/2007
Comments: Public comment period set to begin 10/18/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 05/09/2008
Comments: RAW finalized on 5-9-2008; O&M Plan is Appendix G of RAW. O&M Agreement to be drafted when construction commences.

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/08/2011
Comments: Fact Sheet/Work Notice sent out to mailing list providing notification of fieldwork for Removal Action Workplan implementation to begin on July 18, 2011.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/03/2014
Comments: Site construction activities and the capping of Parcel C were completed.

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/11/2016
Comments: Not reported

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/24/2015
Comments: Not reported

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan w/ESD
Completed Date: 10/25/2013
Comments: The Explanation of Significant Differences details a modification of the remedy selected in the Final Removal Action Work Plan previously approved by DTSC due to the addition of a subterranean parking garage to the design of the residential redevelopment project at Parcels B1 and B2. Consolidation of impacted soil and the construction of a cap were selected for Parcels B1 and B2 in the Final Removal Work Plan. The ESD modifies the actions to be taken on Parcels B1 and B2 to excavation and off-site disposal of impacted soil along with the construction of a cap over impacted soils to remain in some areas at Parcels B1 and B2.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/20/2013
Comments: Public Notice published in San Jose Mercury News (English) and El Observador (Spanish).

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/25/2013
Comments: The Work Notice announces the start of the fieldwork on Parcels B1 and B2 that is detailed in the Explanation of Significant Differences. Not reported

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/09/2016
Comments: Cap construction was completed, except for some landscape planting and irrigation installation at the park area. The cap was constructed to prevent site users from being exposed to underlying arsenic-impacted soil.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/16/2017
Comments: The Completion Report details installation of the cap at Parcels B1 and B2. Both parcels were redeveloped collectively as a multi-unit residential complex; a public right of way/street; and small park. Individual Land Use Covenants (LUCs), Operation and Maintenance (O&M) Plans and Agreements will be developed for each of the three areas separately, and the Parcel B1/B2 site certified once all LUCs and O&M Agreements have been executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/23/2014
Comments: DTSC distributed the work notice to inform the community about the start of cleanup activities on Parcel C, a five-acre portion of the Site. and to describe the activities that may be observed.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 04/17/2015
Comments: The Soil Management Plan addresses proper handling and management of potentially impacted soils encountered during any future utility work or special construction work that would disturb soil beneath the constructed cap on Parcel C.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 09/14/2016
Comments: Not reported

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 04/03/2017
Comments: City of San Jose Environmental Services Department staff performed an annual inspection at Parcel C to verify compliance with the Land Use Covenant and the integrity of the cap. No violations of the Land Use Covenant were identified and the site cap was observed to be in good condition with no disturbances. A park continues to operate on Parcel C (allowable use per the Land Use Covenant),

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 03/09/2018
Comments: City of San Jose staff performed an annual inspection of the Vista Montana Community Park - Parcel C on December 19, 2017 and submitted an inspection report to DTSC. The Site cap was observed to be in good condition, and compliance with the restrictions and requirements of the land use covenant was verified. Parcel C remains as open park area.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 03/04/2015
Comments: The Operation and Maintenance (O&M) Plan outlines the cap inspection, maintenance, and reporting for Parcel C. The Site-wide cap, which varies in the materials that comprise it and in thickness, must be maintained. No disturbance of underlying arsenic-impacted soil shall take place without notification to DTSC. Annual inspections and reporting are required. The O&M Plan was included as Appendix F of and approved as part of the Removal Action Completion Report.

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 04/11/2016
Comments: The Operation and Maintenance (O&M) Plan outlines the cap inspection, maintenance, and reporting for Parcel A. The cap consists of building foundations, pavement/asphalt, and landscaped areas with 2 feet clean soil cover. Annual inspections and reporting are required. The O&M Plan was included as Appendix F of and approved as part of the Removal Action Completion Report.O&M Plan.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/11/2017
Comments: The Operation and Maintenance Plan for the Park Area of Parcel B1/B2 outlines the procedures for inspection, reporting, and maintenance of the hardscape cap to ensure it continues to be an effective barrier to the underlying impacted soil.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 03/09/2018
Comments: City of San Jose staff performed an annual inspection of the Vista Montana Neighborhood Park - Parcel B1/B2 on December 19, 2017 and submitted an inspection report to DTSC. The Site cap was observed to be in good condition, and compliance with the restrictions and requirements of the land use covenant was verified..

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 09/11/2006
Comments: Voluntary Cleanup Agreement signed.

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 05/09/2008
Comments: Notice of Determination and Statement of Findings signed with Final RAW approval on 5/9/2008; sent to OEARA for filing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 03/04/2011
Comments: Demand Letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/28/2011
Comments: Demand Letter #1

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/03/2015
Comments: A Land Use Covenant that restricts land use and activities on Parcel C was recorded with Santa Clara County Recorder on 09-03-2015. The Land Use Covenant prohibits sensitive land uses (i.e. residences, hospital, day care, and school for persons under age 18) on Parcel C. Activities that disturb soil below the site cover/cap are required to performed in accordance with a DTSC-approved Soil Management Plan. A public park has been constructed and is expected to remain on the parcel.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 08/28/2015
Comments: The Operation and Maintenance Agreement for Parcel C was fully executed on August 28, 2015. The Agreement is between DTSC, the City of San Jose, and Equity Residential. Both parties are responsible for implementing operation and maintenance activities for the cap at Parcel C, where a public park has been constructed.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/15/2015
Comments: DTSC certified the completion of the removal action at the Parcel C Operable Unit. Parcel C has been developed into a public park. A clean cap of varying thickness and materials (depending on use within the park) spans the entire parcel to prevent human contact with soil containing elevated levels of arsenic. Operation and maintenance to preserve the cap integrity will be implemented under an Operation and Maintenance Agreement between the City of San Jose, Equity Residential (developer), and DTSC. A Land Use Covenant restricting sensitive uses on Parcel C was recorded with the Santa Clara County Assessors Office on 09/03/2015.

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 10/25/2013
Comments: The City of San Jose is the lead CEQA agency for the cleanup and development project at the Site. The City prepared and approved an EIR and two addenda to the EIR for the project. Based the evaluation in the Responsible Agency checklist, DTSC concurred with the City's findings in its CEQA documents pertaining to the remedy modification made through the Explanation of Significant Differences.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/31/2012
Comments: Not reported

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Land Use Restriction
Completed Date: 06/23/2017
Comments: Land Use Covenant for Santa Clara County Assessor Parcel Number 097-52-042 (new parcel, portion of Parcel B1/B2 Operable Unit). Parcel is now a children's park (tot-lot), A two foot thick cap covers the parcel. The Land Use Covenant includes a prohibition on sensitive land uses, requires a DTSC-approved Soil Management Plan for disturbance of impacted soil underlying the cap, and includes a prohibition on drilling for water/oil/gas. The parcel is to be maintained by the City of San Jose.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 09/14/2017
Comments: Operation and Maintenance (O&M) Agreement between Equity Residential, the City of San Jose, and DTSC. No financial assurance required is required by the O&M Agreement--City of San Jose is a local government agency, and is exempt. The O&M Agreement covers cap maintenance and DTSC oversight for the Parcel B1/B2 Park Area, which is a small portion of the larger Vista Montana Park site. Certification of the Public Street and Residential Portion of the Parcel B1/B2 will be handled separately.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/17/2013
Comments: Letter drafted to City of San Jose, upon request: DTSC amenable to redesign of the cap to be constructed at Parcel C, given the following provisions: 1)final cap design is submitted to DTSC for approval prior to field implementation; 2) the O&M Plan is revised to reflect new design aspects; and 3) the future Land Use Covenant and Operations and Maintenance Agreement will reflect new design aspects, and provide pertinent and appropriate information as needed (ie depth to impacted soil across site, modified site-specific Soil Management Plan).

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/18/2013
Comments: The construction design of Parcel C will be redesigned, within the design concessions agreed upon by the City of San Jose (Letter dated April 17, 2013.) Instead of an at-grade 2-foot clean cap across the entirety of Parcel C, clean import fill will be brought to Parcel C to raise the grade. All landscaped areas and utility corridors will have at least 2 feet clean fill; asphalt-paved areas will not be required to have 2 feet clean fill lying beneath site surface cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/10/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2015
Comments: Not reported

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2016
Comments: DTSC letter with oversight cost estimate for fiscal year 2016/2017

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2016
Comments: DTSC letter with oversight cost estimate for fiscal year 2016/2017

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Certification
Completed Date: 09/21/2017
Comments: Not reported

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2017
Comments: DTSC oversight cost estimate for fiscal year 2017/2018 (July 1, 2017 - June 30, 2018)

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2017
Comments: DTSC oversight cost estimate for fiscal year 2017/2018 (July 1, 2017 - June 30, 2018)

Future Area Name: Parcel B1/B2

**VISTA MONTANA PARK (Continued)** **S107737581**

| | |
|---|---|
| Future Sub Area Name: | Public Street (Orchard Way) |
| Future Document Type: | Land Use Restriction |
| Future Due Date: | 2019 |
| Future Area Name: | Parcel C |
| Future Sub Area Name: | Not reported |
| Future Document Type: | 5 Year Review Reports |
| Future Due Date: | 2021 |
| Future Area Name: | Parcel B1/B2 |
| Future Sub Area Name: | Public Street (Orchard Way) |
| Future Document Type: | Operations and Maintenance Plan |
| Future Due Date: | 2019 |
| Future Area Name: | Parcel A |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Certification |
| Future Due Date: | 2019 |
| Future Area Name: | Parcel B1/B2 |
| Future Sub Area Name: | Public Street (Orchard Way) |
| Future Document Type: | Certification |
| Future Due Date: | 2020 |
| Future Area Name: | Parcel B1/B2 |
| Future Sub Area Name: | Residential Development |
| Future Document Type: | Certification |
| Future Due Date: | 2019 |
| Schedule Area Name: | Parcel B1/B2 |
| Schedule Sub Area Name: | Residential Development |
| Schedule Document Type: | Operations and Maintenance Plan |
| Schedule Due Date: | 03/13/2019 |
| Schedule Revised Date: | Not reported |
| Schedule Area Name: | Parcel A |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Land Use Restriction |
| Schedule Due Date: | 03/01/2019 |
| Schedule Revised Date: | Not reported |
| Schedule Area Name: | Parcel B1/B2 |
| Schedule Sub Area Name: | Residential Development |
| Schedule Document Type: | Land Use Restriction |
| Schedule Due Date: | 04/01/2019 |
| Schedule Revised Date: | Not reported |

VCP:

| | |
|---|---|
| Facility ID: | 60000294 |
| Site Type: | Voluntary Cleanup |
| Site Type Detail: | Voluntary Cleanup |
| Site Mgmt. Req.: | NONE SPECIFIED |
| Acres: | 20.75 |
| National Priorities List: | NO |
| Cleanup Oversight Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Lead Agency Description: | DTSC - Site Cleanup Program |
| Project Manager: | Jovanne Villamater |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Site Code: | 202049 |
| Assembly: | 25 |
| Senate: | 10 |
| Special Programs Code: | Voluntary Cleanup Program |
| Status: | Active |

**VISTA MONTANA PARK (Continued)** **S107737581**

| | |
|---|---|
| Status Date: | 09/11/2006 |
| Restricted Use: | YES |
| Funding: | Responsible Party |
| Lat/Long: | 37.41475 / -121.9552 |
| APN: | 097-52-013, 097-52-028, 097-52-029, 097-52-041, 097-52-042, 097-53-015, 09752013, 09752028, 09752029, 09753015 |
| Past Use: | AGRICULTURAL - ORCHARD |
| Potential COC: | 30001, 30008, 30013 |
| Confirmed COC: | 30001-NO,30008-NO,30013-NO |
| Potential Description: | SOIL |
| Alias Name: | 097-52-013 |
| Alias Type: | APN |
| Alias Name: | 097-52-028 |
| Alias Type: | APN |
| Alias Name: | 097-52-029 |
| Alias Type: | APN |
| Alias Name: | 097-52-041 |
| Alias Type: | APN |
| Alias Name: | 097-52-042 |
| Alias Type: | APN |
| Alias Name: | 097-53-015 |
| Alias Type: | APN |
| Alias Name: | 09752013 |
| Alias Type: | APN |
| Alias Name: | 09752028 |
| Alias Type: | APN |
| Alias Name: | 09752029 |
| Alias Type: | APN |
| Alias Name: | 09753015 |
| Alias Type: | APN |
| Alias Name: | 110033614346 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 201657 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 202049 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 60000294 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Technical Report |
| Completed Date: | 04/28/2006 |
| Comments: | Site investigations indicated that shallow soil is impacted from historical pesticide use. Arsenic concentrations were observed to be elevated. Other pesticide-associated COCs were detected at concentrations below human health screening levels. |

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Removal Action Workplan |
| Completed Date: | 05/09/2008 |
| Comments: | DTSC approved Final RAW on 5/9/2008. |

| | |
|---|---|
| Completed Area Name: | Parcel A |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Fieldwork |

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Date: 06/01/2012
Comments: Earth-moving activities completed at site; construction of on-site buildings and installation of hardscape cap to commence in Fall 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/26/2006
Comments: Site characterization approved. Site investigations indicated that shallow soil is impacted from historical pesticide use. Arsenic determined to be primary contaminant of concern at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 03/22/2007
Comments: Community profile approved. Survey indicated low community interest in site cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/17/2006
Comments: Letter acknowledges that project concept of residential development above ground-level parking with capped arsenic-impacted soils is generally feasible with identified controls and in the context of Department precedents. Letter refers project proponents to DTSC Sensitive Uses Policy Memo.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/12/2007
Comments: Public comment period set to begin 10/18/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/12/2007
Comments: Public comment period set to begin 10/18/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 05/09/2008
Comments: RAW finalized on 5-9-2008; O&M Plan is Appendix G of RAW. O&M Agreement to be drafted when construction commences.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/08/2011
Comments: Fact Sheet/Work Notice sent out to mailing list providing notification of fieldwork for Removal Action Workplan implementation to begin on July 18, 2011.

Completed Area Name: Parcel C

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/03/2014
Comments: Site construction activities and the capping of Parcel C were completed.

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/11/2016
Comments: Not reported

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/24/2015
Comments: Not reported

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan w/ESD
Completed Date: 10/25/2013
Comments: The Explanation of Significant Differences details a modification of the remedy selected in the Final Removal Action Work Plan previously approved by DTSC due to the addition of a subterranean parking garage to the design of the residential redevelopment project at Parcels B1 and B2. Consolidation of impacted soil and the construction of a cap were selected for Parcels B1 and B2 in the Final Removal Work Plan. The ESD modifies the actions to be taken on Parcels B1 and B2 to excavation and off-site disposal of impacted soil along with the construction of a cap over impacted soils to remain in some areas at Parcels B1 and B2.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/20/2013
Comments: Public Notice published in San Jose Mercury News (English) and El Observador (Spanish).

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/25/2013
Comments: The Work Notice announces the start of the fieldwork on Parcels B1 and B2 that is detailed in the Explanation of Significant Differences. Not reported

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/09/2016
Comments: Cap construction was completed, except for some landscape planting and irrigation installation at the park area. The cap was constructed to prevent site users from being exposed to underlying arsenic-impacted soil.

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/16/2017
Comments: The Completion Report details installation of the cap at Parcels B1 and B2. Both parcels were redeveloped collectively as a multi-unit residential complex; a public right of way/street; and small park. Individual Land Use Covenants (LUCs), Operation and Maintenance (O&M) Plans and Agreements will be developed for each of the three areas separately, and the Parcel B1/B2 site certified once all LUCs and O&M Agreements have been executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/23/2014
Comments: DTSC distributed the work notice to inform the community about the start of cleanup activities on Parcel C, a five-acre portion of the Site. and to describe the activities that may be observed.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 04/17/2015
Comments: The Soil Management Plan addresses proper handling and management of potentially impacted soils encountered during any future utility work or special construction work that would disturb soil beneath the constructed cap on Parcel C.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 09/14/2016
Comments: Not reported

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 04/03/2017
Comments: City of San Jose Environmental Services Department staff performed an annual inspection at Parcel C to verify compliance with the Land Use Covenant and the integrity of the cap. No violations of the Land Use Covenant were identified and the site cap was observed to be in good condition with no disturbances. A park continues to operate on Parcel C (allowable use per the Land Use Covenant),

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 03/09/2018
Comments: City of San Jose staff performed an annual inspection of the Vista Montana Community Park - Parcel C on December 19, 2017 and submitted an inspection report to DTSC. The Site cap was observed to be in good condition, and compliance with the restrictions and requirements of the land use covenant was verified. Parcel C remains as open park area.

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 03/04/2015
Comments: The Operation and Maintenance (O&M) Plan outlines the cap inspection, maintenance, and reporting for Parcel C. The Site-wide cap, which varies in the materials that comprise it and in thickness, must be maintained. No disturbance of underlying arsenic-impacted soil shall take place without notification to DTSC. Annual inspections and reporting are required. The O&M Plan was included as Appendix F of and approved as part of the Removal Action Completion Report.

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 04/11/2016
Comments: The Operation and Maintenance (O&M) Plan outlines the cap inspection, maintenance, and reporting for Parcel A. The cap consists of building foundations, pavement/asphalt, and landscaped areas with 2 feet clean soil cover. Annual inspections and reporting are required. The O&M Plan was included as Appendix F of and approved as part of the Removal Action Completion Report.O&M Plan.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/11/2017
Comments: The Operation and Maintenance Plan for the Park Area of Parcel B1/B2 outlines the procedures for inspection, reporting, and maintenance of the hardscape cap to ensure it continues to be an effective barrier to the underlying impacted soil.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 03/09/2018
Comments: City of San Jose staff performed an annual inspection of the Vista Montana Neighborhood Park - Parcel B1/B2 on December 19, 2017 and submitted an inspection report to DTSC. The Site cap was observed to be in good condition, and compliance with the restrictions and requirements of the land use covenant was verified..

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 09/11/2006
Comments: Voluntary Cleanup Agreement signed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 05/09/2008
Comments: Notice of Determination and Statement of Findings signed with Final RAW approval on 5/9/2008; sent to OEARA for filing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

**VISTA MONTANA PARK (Continued)** **S107737581**

Completed Document Type: Letter - Demand
Completed Date: 03/04/2011
Comments: Demand Letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/28/2011
Comments: Demand Letter #1

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/03/2015
Comments: A Land Use Covenant that restricts land use and activities on Parcel C was recorded with Santa Clara County Recorder on 09-03-2015. The Land Use Covenant prohibits sensitive land uses (i.e. residences, hospital, day care, and school for persons under age 18) on Parcel C. Activities that disturb soil below the site cover/cap are required to performed in accordance with a DTSC-approved Soil Management Plan. A public park has been constructed and is expected to remain on the parcel.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 08/28/2015
Comments: The Operation and Maintenance Agreement for Parcel C was fully executed on August 28, 2015. The Agreement is between DTSC, the City of San Jose, and Equity Residential. Both parties are responsible for implementing operation and maintenance activities for the cap at Parcel C, where a public park has been constructed.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/15/2015
Comments: DTSC certified the completion of the removal action at the Parcel C Operable Unit. Parcel C has been developed into a public park. A clean cap of varying thickness and materials (depending on use within the park) spans the entire parcel to prevent human contact with soil containing elevated levels of arsenic. Operation and maintenance to preserve the cap integrity will be implemented under an Operation and Maintenance Agreement between the City of San Jose, Equity Residential (developer), and DTSC. A Land Use Covenant restricting sensitive uses on Parcel C was recorded with the Santa Clara County Assessors Office on 09/03/2015.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 10/25/2013
Comments: The City of San Jose is the lead CEQA agency for the cleanup and development project at the Site. The City prepared and approved an EIR and two addenda to the EIR for the project. Based the evaluation in the Responsible Agency checklist, DTSC concurred with the City's findings in its CEQA documents pertaining to the remedy modification

**VISTA MONTANA PARK (Continued)** **S107737581**

made through the Explanation of Significant Differences.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/31/2012
Comments: Not reported

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Land Use Restriction
Completed Date: 06/23/2017
Comments: Land Use Covenant for Santa Clara County Assessor Parcel Number 097-52-042 (new parcel, portion of Parcel B1/B2 Operable Unit). Parcel is now a children's park (tot-lot), A two foot thick cap covers the parcel. The Land Use Covenant includes a prohibition on sensitive land uses, requires a DTSC-approved Soil Management Plan for disturbance of impacted soil underlying the cap, and includes a prohibition on drilling for water/oil/gas. The parcel is to be maintained by the City of San Jose.

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 09/14/2017
Comments: Operation and Maintenance (O&M) Agreement between Equity Residential, the City of San Jose, and DTSC. No financial assurance required is required by the O&M Agreement--City of San Jose is a local government agency, and is exempt. The O&M Agreement covers cap maintenance and DTSC oversight for the Parcel B1/B2 Park Area, which is a small portion of the larger Vista Montana Park site. Certification of the Public Street and Residential Portion of the Parcel B1/B2 will be handled separately.

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/17/2013
Comments: Letter drafted to City of San Jose, upon request: DTSC amenable to redesign of the cap to be constructed at Parcel C, given the following provisions: 1)final cap design is submitted to DTSC for approval prior to field implementation; 2) the O&M Plan is revised to reflect new design aspects; and 3) the future Land Use Covenant and Operations and Maintenance Agreement will reflect new design aspects, and provide pertinent and appropriate information as needed (ie depth to impacted soil across site, modified site-specific Soil Management Plan).

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/18/2013
Comments: The construction design of Parcel C will be redesigned, within the design concessions agreed upon by the City of San Jose (Letter dated April 17, 2013.) Instead of an at-grade 2-foot clean cap across the entirety of Parcel C, clean import fill will be brought to Parcel C to raise the grade. All landscaped areas and utility corridors will

**VISTA MONTANA PARK (Continued)** **S107737581**

have at least 2 feet clean fill; asphalt-paved areas will not be required to have 2 feet clean fill lying beneath site surface cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/10/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2015
Comments: Not reported

Completed Area Name: Parcel A
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2016
Comments: DTSC letter with oversight cost estimate for fiscal year 2016/2017

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2016
Comments: DTSC letter with oversight cost estimate for fiscal year 2016/2017

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Park Area
Completed Document Type: Certification
Completed Date: 09/21/2017
Comments: Not reported

Completed Area Name: Parcel C
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2017
Comments: DTSC oversight cost estimate for fiscal year 2017/2018 (July 1, 2017 - June 30, 2018)

Completed Area Name: Parcel B1/B2
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2017
Comments: DTSC oversight cost estimate for fiscal year 2017/2018 (July 1, 2017 - June 30, 2018)

Future Area Name: Parcel B1/B2
Future Sub Area Name: Public Street (Orchard Way)
Future Document Type: Land Use Restriction
Future Due Date: 2019
Future Area Name: Parcel C
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2021
Future Area Name: Parcel B1/B2
Future Sub Area Name: Public Street (Orchard Way)

**VISTA MONTANA PARK (Continued)** **S107737581**

Future Document Type: Operations and Maintenance Plan
Future Due Date: 2019
Future Area Name: Parcel A
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2019
Future Area Name: Parcel B1/B2
Future Sub Area Name: Public Street (Orchard Way)
Future Document Type: Certification
Future Due Date: 2020
Future Area Name: Parcel B1/B2
Future Sub Area Name: Residential Development
Future Document Type: Certification
Future Due Date: 2019
Schedule Area Name: Parcel B1/B2
Schedule Sub Area Name: Residential Development
Schedule Document Type: Operations and Maintenance Plan
Schedule Due Date: 03/13/2019
Schedule Revised Date: Not reported
Schedule Area Name: Parcel A
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 03/01/2019
Schedule Revised Date: Not reported
Schedule Area Name: Parcel B1/B2
Schedule Sub Area Name: Residential Development
Schedule Document Type: Land Use Restriction
Schedule Due Date: 04/01/2019
Schedule Revised Date: Not reported

DEED:
Envirostor ID: 60000294
Area: PARCEL C
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 09/03/2015
File Name: Envirostor Land Use Restrictions

Envirostor ID: 60000294
Area: PARCEL B1/B2
Sub Area: PARK AREA
Site Type: VOLUNTARY CLEANUP
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 06/23/2017
File Name: Envirostor Land Use Restrictions

SAN JOSE HAZMAT:
Region: SAN JOSE
File Num: 600058
Class: Electronics Firm

**VISTA MONTANA PARK (Continued)** **S107737581**

Date of Data: AS OF 02/07/2014
Region: SAN JOSE
File Num: 600058
Class: Electronics Firm

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**84**
**ENE**
**1/2-1**
**0.795 mi.**
**4195 ft.**

**NOVELLUS SYSTEMS, INC. - 400 N FIRST ST**
**4000 N. FIRST STREET**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR** **S106102037**
**CA HAZNET** **N/A**
**CA NPDES**
**CA WDS**
**CA CIWQS**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71002971 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.41530 |
| Longitude: | -121.9524 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAD982027534 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110002781428 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 71002971 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |

**NOVELLUS SYSTEMS, INC. - 400 N FIRST ST (Continued)** **S106102037**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:

envid: S106102037
Year: 2017
GEPAID: CAC002937424
Contact: TIMOTHY N. SMITH
Telephone: 4154218200
Mailing Name: Not reported
Mailing Address: 601 CALIFORNIA STREET SUITE 1310
Mailing City,St,Zip: SAN FRANCISCO, CA 94108
Gen County: Santa Clara
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.228
Cat Decode: Waste oil and mixed oil
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Santa Clara

envid: S106102037
Year: 2017
GEPAID: CAC002937424
Contact: TIMOTHY N. SMITH
Telephone: 4154218200
Mailing Name: Not reported
Mailing Address: 601 CALIFORNIA STREET SUITE 1310
Mailing City,St,Zip: SAN FRANCISCO, CA 94108
Gen County: Santa Clara
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: Not reported
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Santa Clara

NPDES:

Facility Status: Active
NPDES Number: CAS000002
Region: 2
Agency Number: 0
Regulatory Measure ID: 486294
Place ID: Not reported
Order Number: 2009-0009-DWQ
WDID: 2 43C380269
Regulatory Measure Type: Enrollee
Program Type: Construction

**NOVELLUS SYSTEMS, INC. - 400 N FIRST ST (Continued)** **S106102037**

| | |
|---|---|
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 06/27/2017 |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | C/O SKS Partners |
| Discharge Name: | North First SJ LP |
| Discharge City: | San Francisco |
| Discharge State: | California |
| Discharge Zip: | 94108 |
| Status: | Not reported |
| Status Date: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | CAS000002 |
| Status: | Active |
| Agency Number: | 0 |
| Region: | 2 |
| Regulatory Measure ID: | 486294 |
| Order Number: | 2009-0009-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 2 43C380269 |
| Program Type: | Construction |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 06/27/2017 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | North First SJ LP |
| Discharge Address: | C/O SKS Partners |
| Discharge City: | San Francisco |
| Discharge State: | California |
| Discharge Zip: | 94108 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |

**NOVELLUS SYSTEMS, INC. - 400 N FIRST ST (Continued)** **S106102037**

| | |
|---|---|
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 2 |
| Regulatory Measure ID: | 486294 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Construction |
| Place ID: | Not reported |
| WDID: | 2 43C380269 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/22/2017 |
| Processed Date: | 06/27/2017 |

**NOVELLUS SYSTEMS, INC. - 400 N FIRST ST (Continued)** **S106102037**

| | |
|---|---|
| Status: | Active |
| Status Date: | 06/27/2017 |
| Place Size: | 27 |
| Place Size Unit: | Acres |
| Contact: | Timothy Smith |
| Contact Title: | Sr. Project Manager |
| Contact Phone: | 415-421-8200 |
| Contact Phone Ext: | Not reported |
| Contact Email: | tsmith@sksre.com |
| Operator Name: | North First SJ LP |
| Operator Address: | C/O SKS Partners |
| Operator City: | San Francisco |
| Operator State: | California |
| Operator Zip: | 94108 |
| Operator Contact: | Timothy Smith |
| Operator Contact Title: | Sr. Project Manager |
| Operator Contact Phone: | 415-421-8200 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | tsmith@sksre.com |
| Operator Type: | Private Business |
| Developer: | North First SJ LP |
| Developer Address: | C/O SKS Partners |
| Developer City: | San Francisco |
| Developer State: | California |
| Developer Zip: | 94108 |
| Developer Contact: | Timothy Smith |
| Developer Contact Title: | Sr. Project Manager |
| Constype Linear Utility Ind: | N |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | N |
| Constype Below Ground Ind: | N |
| Constype Cable Line Ind: | N |
| Constype Comm Line Ind: | N |
| Constype Commertial Ind: | Y |
| Constype Electrical Line Ind: | N |
| Constype Gas Line Ind: | N |
| Constype Industrial Ind: | N |
| Constype Other Description: | Not reported |
| Constype Other Ind: | N |
| Constype Recons Ind: | N |
| Constype Residential Ind: | N |
| Constype Transport Ind: | N |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | N |
| Constype Water Sewer Ind: | N |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | Guadalupe River |
| Certifier: | Timothy Smith |
| Certifier Title: | Sr. Project Manager |
| Certification Date: | 22-MAY-17 |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| Facility Status: | Not reported |

**NOVELLUS SYSTEMS, INC. - 400 N FIRST ST (Continued)** **S106102037**

| | |
|---|---|
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 2 43C380269 |
| Regulatory Measure Type: | Construction |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Active |
| Status Date: | 06/27/2017 |
| Operator Name: | North First SJ LP |
| Operator Address: | C/O SKS Partners |
| Operator City: | San Francisco |
| Operator State: | California |
| Operator Zip: | 94108 |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | CAS000002 |
| Status: | Active |
| Agency Number: | 0 |
| Region: | 2 |
| Regulatory Measure ID: | 486294 |
| Order Number: | 2009-0009-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 2 43C380269 |
| Program Type: | Construction |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 06/27/2017 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | North First SJ LP |
| Discharge Address: | C/O SKS Partners |
| Discharge City: | San Francisco |
| Discharge State: | California |
| Discharge Zip: | 94108 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |

**NOVELLUS SYSTEMS, INC. - 400 N FIRST ST (Continued)** **S106102037**

| | |
|---|---|
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 2 |
| Regulatory Measure ID: | 486294 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Construction |
| Place ID: | Not reported |
| WDID: | 2 43C380269 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |

**NOVELLUS SYSTEMS, INC. - 400 N FIRST ST (Continued)** **S106102037**

| | |
|---|---|
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/22/2017 |
| Processed Date: | 06/27/2017 |
| Status: | Active |
| Status Date: | 06/27/2017 |
| Place Size: | 27 |
| Place Size Unit: | Acres |
| Contact: | Timothy Smith |
| Contact Title: | Sr. Project Manager |
| Contact Phone: | 415-421-8200 |
| Contact Phone Ext: | Not reported |
| Contact Email: | tsmith@sksre.com |
| Operator Name: | North First SJ LP |
| Operator Address: | C/O SKS Partners |
| Operator City: | San Francisco |
| Operator State: | California |
| Operator Zip: | 94108 |
| Operator Contact: | Timothy Smith |
| Operator Contact Title: | Sr. Project Manager |
| Operator Contact Phone: | 415-421-8200 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | tsmith@sksre.com |
| Operator Type: | Private Business |
| Developer: | North First SJ LP |
| Developer Address: | C/O SKS Partners |
| Developer City: | San Francisco |
| Developer State: | California |
| Developer Zip: | 94108 |
| Developer Contact: | Timothy Smith |
| Developer Contact Title: | Sr. Project Manager |
| Constype Linear Utility Ind: | N |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | N |
| Constype Below Ground Ind: | N |
| Constype Cable Line Ind: | N |
| Constype Comm Line Ind: | N |
| Constype Commertial Ind: | Y |
| Constype Electrical Line Ind: | N |
| Constype Gas Line Ind: | N |
| Constype Industrial Ind: | N |
| Constype Other Description: | Not reported |
| Constype Other Ind: | N |
| Constype Recons Ind: | N |
| Constype Residential Ind: | N |
| Constype Transport Ind: | N |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | N |
| Constype Water Sewer Ind: | N |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | Guadalupe River |

**NOVELLUS SYSTEMS, INC. - 400 N FIRST ST (Continued)** **S106102037**

| | |
|---|---|
| Certifier: | Timothy Smith |
| Certifier Title: | Sr. Project Manager |
| Certification Date: | 22-MAY-17 |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

WDS:

| | |
|---|---|
| Facility ID: | San Francisco Bay 43I014678 |
| Facility Type: | Not reported |
| Facility Status: | Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. |
| NPDES Number: | CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board |
| Subregion: | 2 |
| Facility Telephone: | Not reported |
| Facility Contact: | Not reported |
| Agency Name: | NOVELLUS SYSTEMS |
| Agency Address: | Not reported |
| Agency City,St,Zip: | 0 |
| Agency Contact: | Not reported |
| Agency Telephone: | Not reported |
| Agency Type: | Not reported |
| SIC Code: | 0 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Not reported |
| Primary Waste: | Not reported |
| Waste Type2: | Not reported |
| Waste2: | Not reported |
| Primary Waste Type: | Not reported |
| Secondary Waste: | Not reported |
| Secondary Waste Type: | Not reported |
| Design Flow: | 0 |
| Baseline Flow: | 0 |
| Reclamation: | Not reported |
| POTW: | Not reported |
| Treat To Water: | Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality. |
| Complexity: | Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds. |

CIWQS:

| | |
|---|---|
| Agency: | North First SJ LP |
| Agency Address: | C/O SKS Partners 601 California Street Suite 1310, San Francisco, CA 94108 |
| Place/Project Type: | Construction - Commercial |
| SIC/NAICS: | Not reported |
| Region: | 2 |

**NOVELLUS SYSTEMS, INC. - 400 N FIRST ST (Continued)** **S106102037**

| | |
|---|---|
| Program: | CONSTW |
| Regulatory Measure Status: | Active |
| Regulatory Measure Type: | Storm water construction |
| Order Number: | 2009-0009-DWQ |
| WDID: | 2 43C380269 |
| NPDES Number: | CAS000002 |
| Adoption Date: | Not reported |
| Effective Date: | 06/27/2017 |
| Termination Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 37.414935 |
| Longitude: | -121.951647 |

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**85**
**ENE**
**1/2-1**
**0.811 mi.**
**4281 ft.**

**SUNPOWER CORP.**
**3939 N FIRST ST**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR** **S110494350**
**N/A**

**Relative:**
**Higher**

**Actual:**
**13 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71003820 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.41257 |
| Longitude: | -121.9514 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAD981447535 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 71003820 |
| Alias Type: | Envirostor ID Number |

Completed Info:

**SUNPOWER CORP. (Continued)** **S110494350**

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

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**L86** **NORTH FIRST STREET PLUME - SAN JOSE** **CA BOND EXP. PLAN** **S100833374**
**East** **3901 NORTH FIRST STREET** **N/A**
**1/2-1** **SAN JOSE, CA 95134**
**0.859 mi.**
**4536 ft.** **Site 1 of 3 in cluster L**

**Relative:**
**Higher**

**Actual:**
**13 ft.**

CA BOND EXP. PLAN:

| | |
|---|---|
| Reponsible Party: | DETAILED SITE EXPENDITURE PLAN |
| Project Revenue Source Company: | Not reported |
| Project Revenue Source Addr: | Not reported |
| Project Revenue Source City,St,Zip: | Not reported |
| Project Revenue Source Desc: | At this time, it appears that the Department will need to use Bond funds to remediate this site. If Bond funds are expended, the Department will undertake appropriate cost recovery action if any responsible parties are identified during the investigation. This site has not been identified as an NPL site, nor does it appear to be a candidate in the future. Therefore, federal funds may not be a viable source of revenues for the site. |
| Site Description: | The North First Street site is a plume of contaminated ground water. The Local Study Area is within the vicinity of North First Street. It was orginally farm land. Only one isolated well is contaminated from an undetermined source. |
| Hazardous Waste Desc: | Baseline water quality sampling identified a significant concentration of ethylene dibromide (EDB) in one well screened in the unconfined aquifer. No other contamination has been identified. |
| Threat To Public Health & Env: | At this time, no known immediate health threat exists at this site. All known and serviceable wells in the area have been tested for EDB. Only one shallow well at the site remains contaminated. |
| Site Activity Status: | Of nine shallow monitoring wells and eight soil borings only the dicovery well continues to show contamination by EDB. A monitoring well installed to the second water bearing zone and adjacent to the discovery well does not show EDB contamination. The FS is beginning. |

**L87 East 1/2-1 0.859 mi. 4536 ft.** | **NORTH FIRST STREET PLUME - SAN JOSE**
**3901 NORTH 1ST STREET**
**SAN JOSE, CA 95134** | **CA RESPONSE** | **S122221859**
**CA ENVIROSTOR** | **N/A**

**Site 2 of 3 in cluster L**

**Relative: Higher**

**Actual: 13 ft.**

RESPONSE:

| | |
|---|---|
| Facility ID: | 43990001 |
| Site Type: | State Response |
| Site Type Detail: | State Response or NPL |
| Acres: | 4.6 |
| National Priorities List: | NO |
| Cleanup Oversight Agencies: | SMBRP |
| Lead Agency Description: | DTSC - Site Cleanup Program |
| Project Manager: | Not reported |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Site Code: | 200071 |
| Site Mgmt. Req.: | NONE SPECIFIED |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program Status: | Not reported |
| Status: | Certified |
| Status Date: | 03/27/1990 |
| Restricted Use: | NO |
| Funding: | Orphan Funds |
| Latitude: | 37.41195 |
| Longitude: | -121.9504 |
| APN: | 097-53-009 |
| Past Use: | AGRICULTURAL - ORCHARD |
| Potential COC : | 1,2-Dibromoethane (EDB |
| Confirmed COC: | 1,2-Dibromoethane (EDB |
| Potential Description: | AQUI |
| Alias Name: | CYPRESS SEMICONDUCTOR |
| Alias Type: | Alternate Name |
| Alias Name: | NORTH FIRST STREET PROPERTY |
| Alias Type: | Alternate Name |
| Alias Name: | NORTH FIRST STREET SITE |
| Alias Type: | Alternate Name |
| Alias Name: | NORTH FIRST STREET, SAN JOSE SITE |
| Alias Type: | Alternate Name |
| Alias Name: | 097-53-009 |
| Alias Type: | APN |
| Alias Name: | CAD981159072 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110033611893 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 200071 |
| Alias Type: | Project Code (Site Code) |
| Alias Name: | 43990001 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Amendment - Order/Agreement |
| Completed Date: | 03/28/1990 |
| Comments: | Delisted Site. Although the state MCL of .05 ppb for ethylene dibromide (EDB) in drinking water was not met (421 ppb EDB was detected in monitoring well #3), the state chose the "no further |

**NORTH FIRST STREET PLUME - SAN JOSE (Continued)** **S122221859**

action" alternative based on the results of the RI which indicated that the EDB at the site does not pose a signifigant risk to the public health, safety, or the environment. An aquitard separates waters from the upper, saturated, EDB contaminated zone from those of the lower aquifer. Because of its high salinity, the upper, contaminated water is not likely to be used for drinking water even if the EDB was not present. EDB has been found only in one well (#3). Land around the site has been covered by parking lots, landscaping, or buildings such that no native soils are evident at the surface. Below this is 1.5-3.5 feet of non-native fill brought in during the development of the industrial park. The contamination appears to be historical in nature, rather than on-going, so contamination should decrease with time. EDB breaks down into non-carcenogenic, less toxic compounds. Its half-life is anywhere from 5 days to fourteen years. Since public health, welfare, and the environment are not threatened by the site, implementation of removal or remedial measures was deemed not necessary. The site is in limited monitoring involving the sampling and analysis of 5 ground water wells for a period of 10 years.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 04/22/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 04/25/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/27/1990
Comments: Low levels of solvents exist, but was found to be low risk. No futher action is required at this site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 10/15/1989
Comments: Approved RAP. Due to comments from the RWQCB, the draft RAP was modified to include a limited monitoring program, which is expected to last 10 years.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 10/31/1988
Comments: Updated status. Site was delisted from Expenditure Plan on 3/28/1990.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/01/1989

**NORTH FIRST STREET PLUME - SAN JOSE (Continued)** **S122221859**

Comments: Fact sheet issued that describes investigation done to date and why State has concluded no further action is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 08/03/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/31/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 06/09/1994
Comments: The Remedial Action Plan approved by DTSC in 1989 specified that groundwater monitoring would be conducted on a yearly basis for ten years or until ethylene dibromide (EDB) was not detected in any of the monitoring wells for two consecutive sampling events. The Final Annual Groundwater Monitoring Report, dated January 31, 1994, showed that four quarters of groundwater monitoring had non-detects of EDB. Therefore, DTSC approved the cessation of the groundwater monitoring program at the site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 43990001
Status: Certified
Status Date: 03/27/1990
Site Code: 200071
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 4.6
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED

**NORTH FIRST STREET PLUME - SAN JOSE (Continued)** **S122221859**

Funding: Orphan Funds
Latitude: 37.41195
Longitude: -121.9504
APN: 097-53-009
Past Use: AGRICULTURAL - ORCHARD
Potential COC: 1,2-Dibromoethane (EDB
Confirmed COC: 1,2-Dibromoethane (EDB
Potential Description: AQUI
Alias Name: CYPRESS SEMICONDUCTOR
Alias Type: Alternate Name
Alias Name: NORTH FIRST STREET PROPERTY
Alias Type: Alternate Name
Alias Name: NORTH FIRST STREET SITE
Alias Type: Alternate Name
Alias Name: NORTH FIRST STREET, SAN JOSE SITE
Alias Type: Alternate Name
Alias Name: 097-53-009
Alias Type: APN
Alias Name: CAD981159072
Alias Type: EPA Identification Number
Alias Name: 110033611893
Alias Type: EPA (FRS #)
Alias Name: 200071
Alias Type: Project Code (Site Code)
Alias Name: 43990001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 03/28/1990
Comments: Delisted Site. Although the state MCL of .05 ppb for ethylene dibromide (EDB) in drinking water was not met (421 ppb EDB was detected in monitoring well #3), the state chose the "no further action" alternative based on the results of the RI which indicated that the EDB at the site does not pose a signifigant risk to the public health, safety, or the environment. An aquitard separates waters from the upper, saturated, EDB contaminated zone from those of the lower aquifer. Because of its high salinity, the upper, contaminated water is not likely to be used for drinking water even if the EDB was not present. EDB has been found only in one well (#3). Land around the site has been covered by parking lots, landscaping, or buildings such that no native soils are evident at the surface. Below this is 1.5-3.5 feet of non-native fill brought in during the development of the industrial park. The contamination appears to be historical in nature, rather than on-going, so contamination should decrease with time. EDB breaks down into non-carcenogenic, less toxic compounds. Its half-life is anywhere from 5 days to fourteen years. Since public health, welfare, and the environment are not threatened by the site, implementation of removal or remedial measures was deemed not necessary. The site is in limited monitoring involving the sampling and analysis of 5 ground water wells for a period of 10 years.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees

**NORTH FIRST STREET PLUME - SAN JOSE (Continued)** **S122221859**

Completed Date: 04/22/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 04/25/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/27/1990
Comments: Low levels of solvents exist, but was found to be low risk. No futher action is required at this site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 10/15/1989
Comments: Approved RAP. Due to comments from the RWQCB, the draft RAP was modified to include a limited monitoring program, which is expected to last 10 years.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 10/31/1988
Comments: Updated status. Site was delisted from Expenditure Plan on 3/28/1990.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/01/1989
Comments: Fact sheet issued that describes investigation done to date and why State has concluded no further action is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 08/03/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/31/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 06/09/1994
Comments: The Remedial Action Plan approved by DTSC in 1989 specified that groundwater monitoring would be conducted on a yearly basis for ten years or until ethylene dibromide (EDB) was not detected in any of the monitoring wells for two consecutive sampling events. The Final

**NORTH FIRST STREET PLUME - SAN JOSE (Continued)** **S122221859**

Annual Groundwater Monitoring Report, dated January 31, 1994, showed that four quarters of groundwater monitoring had non-detects of EDB. Therefore, DTSC approved the cessation of the groundwater monitoring program at the site.

| | |
|---|---|
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

---

**L88** **CYPRESS SEMICONDUCTOR CORP.** **CA ENVIROSTOR** **S122221896**
**East** **3901 N FIRST ST** **N/A**
**1/2-1** **SAN JOSE, CA 95134**
**0.859 mi.**
**4536 ft.** **Site 3 of 3 in cluster L**

**Relative:**
**Higher**

**Actual:**
**13 ft.**

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71002842 |
| Status: | No Further Action |
| Status Date: | 10/02/2014 |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | 1.5 |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Mark Piros |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.41196 |
| Longitude: | -121.9504 |
| APN: | 097-53-009 |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | SVTC Technologies |
| Alias Type: | Alternate Name |
| Alias Name: | 097-53-009 |
| Alias Type: | APN |
| Alias Name: | CAD981447535 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 71002842 |
| Alias Type: | Envirostor ID Number |

Completed Info:

**CYPRESS SEMICONDUCTOR CORP. (Continued)** **S122221896**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/02/2014
Comments: DTSC recommended no further action is required for this Site. EDB was discovered in groundwater but was addressed as part of the North First Street Plume site. There was historical uses of VOCs, but a number of Environmental Site Assessments were performed and the reports did not identify any recognized environmental conditions. Soil, soil gas, and groundwater samples were taken in June 2014 and showed no environmental releases of concern.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/20/1994
Comments: Phase I Environmental Site Assessment covers the Cypress Semiconductor facilities and operations at 3901 North First Street and 195 Champion Court in San Jose.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/22/2006
Comments: Phase I Environmental Site Assessment Report for Cypress Semiconductor facilities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/24/2011
Comments: Phase I Environmental Site Assessment for SVTC Technologies at 3901 North First Street.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/15/2013
Comments: The Post Closure Report documents activities performed as part of the closure of the SVTC facility under San Jose Fire Department oversight. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/11/2014
Comments: The Report documents the results of soil, groundwater, and soil vapor sampling at 3901 North First Street to show there was not a release of volatile organic compounds at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/10/2014
Comments: An addendum to the June 11, 2014 Soil, Vapor & Groundwater report to provide additional information on the vapor sampling protocol, sampling locations, and additional details requested by DTSC.

**CYPRESS SEMICONDUCTOR CORP. (Continued)** **S122221896**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/05/2014
Comments: Letter from the County of Santa Clara, Hazardous Material Compliance Division approving of the Post Closure Report for the facility and acknowledging closure of the neutralization treatment unit that was operated under the Conditional Authorization permit tier.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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**89**
**ENE**
**1/2-1**
**0.863 mi.**
**4554 ft.**

**TWIN CREEKS TECHNOLOGIES, INC.**
**3930 N. FIRST STREET**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR** **S103656937**
**N/A**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

ENVIROSTOR:
Facility ID: 71002098
Status: Inactive - Needs Evaluation
Status Date: 05/11/2009
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.41442
Longitude: -121.9506
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED

**TWIN CREEKS TECHNOLOGIES, INC. (Continued)** **S103656937**

Alias Name: CAR000199919
Alias Type: EPA Identification Number
Alias Name: 71002098
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/07/2010
Comments: Phase I checklist indicates no further action. This has not been verified by DTSC.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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**90**
**NNE**
**1/2-1**
**0.940 mi.**
**4961 ft.**

**SILICON GENESIS CORPORATION**
**145 BAYTECH DRIVE**
**SAN JOSE, CA 95134**

**CA ENVIROSTOR** **S111760634**
**N/A**

**Relative:**
**Lower**

**Actual:**
**8 ft.**

ENVIROSTOR:
Facility ID: 60002120
Status: Active
Status Date: 11/17/2014
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0.3
NPL: NO
Regulatory Agencies: HWMP
Lead Agency: HWMP
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.42227
Longitude: -121.9561
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 60002120
Alias Type: Envirostor ID Number

**SILICON GENESIS CORPORATION (Continued)** **S111760634**

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Phase 1 |
| Completed Date: | 11/17/2014 |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

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**91**
**ENE**
**1/2-1**
**0.975 mi.**
**5150 ft.**

**LUMENTUM OPERATIONS LLC 80 ROW SITE**
**80 ROSE ORCHARD WAY**
**SAN JOSE, CA 95134**

**RCRA-LQG** **1000181199**
**CA ENVIROSTOR** **CAD981997513**
**FINDS**
**ECHO**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 02/26/2016 |
| Facility name: | LUMENTUM OPERATIONS LLC 80 ROW SITE |
| Facility address: | 80 ROSE ORCHARD WAY<br>SAN JOSE, CA 95134 |
| EPA ID: | CAD981997513 |
| Mailing address: | ROSE ORCHARD WAY<br>SAN JOSE, CA 95134 |
| Contact: | SERGEI PACHT |
| Contact address: | ROSE ORCHARD WAY<br>SAN JOSE, CA 95134 |
| Contact country: | US |
| Contact telephone: | 408-750-3861 |
| Contact email: | SERGEI.PACHT@LUMENTUM.COM |
| EPA Region: | 09 |
| Land type: | Private |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | LUMENTUM OPERATIONS LLC |
| Owner/operator address: | NORTH MCCARTHY BLVD<br>MILPITAS, CA 95035 |

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

| | |
|---|---|
| Owner/operator country: | US |
| Owner/operator telephone: | 408-546-5483 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 08/01/2015 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | JDS UNIPHASE |
| Owner/operator address: | Not reported |
| | Not reported |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 01/15/2001 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | LUMENTUM OPERATIONS LLC |
| Owner/operator address: | Not reported |
| | Not reported |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 08/01/2015 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | JDS UNIPHASE |
| Owner/operator address: | Not reported |
| | Not reported |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 01/15/2001 |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 411
. Waste name: Alum and gypsum sludge

. Waste code: 441
. Waste name: Sulfur sludge

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 581
. Waste name: Gas scrubber waste

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

Historical Generators:
Date form received by agency: 08/06/2015
Site name: LUMENTUM OPERATIONS LLC 80 ROSE ORCHARD WAY SITE
Classification: Large Quantity Generator

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 291
. Waste name: Latex waste

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 725
. Waste name: Liquids with mercury > 20 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

Date form received by agency: 03/01/2014
Site name: JDSU 80 ROSE ORCHARD WAY SITE
Classification: Large Quantity Generator

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/05/2012
Site name: JDSU 80 ROSE ORCHARD WAY SITE
Classification: Large Quantity Generator

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

. Waste code: U151
. Waste name: MERCURY

Date form received by agency: 06/03/2010
Site name: JDS UNIPHSE CORP - ROSE ORCHARD SITE
Classification: Large Quantity Generator

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 223
. Waste name: Unspecified oil-containing waste

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 711
. Waste name: Liquids with cyanides > 1000 mg/l

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004
. Waste name: ARSENIC

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

Date form received by agency: 02/29/2008
Site name: JDS UNIPHASE CORP - ROSE ORCHARD SITE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D009
. Waste name: MERCURY

. Waste code: F003

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U220
. Waste name: BENZENE, METHYL-

Date form received by agency: 03/01/2006
Site name: JDS UNIPHASE 80 ROSE ORCHARD WAY
Classification: Large Quantity Generator

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 741
. Waste name: Liquids with halogenated organic compounds > 1000 mg/l

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/28/2002
Site name: JDS UNIPHASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/12/2000
Site name: SDL, INC
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: SDL, INC.
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: SPECTRA DIODE LABS
Classification: Large Quantity Generator

Date form received by agency: 03/22/1996
Site name: SDL, INC
Classification: Large Quantity Generator

Date form received by agency: 05/27/1987
Site name: SPECTRA DIODE LABS
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 65665.5

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 1093

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 1727.3

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 55371

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 17124.3

Waste code: D008
Waste name: LEAD
Amount (Lbs): 21

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 3667

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/08/2008
Date achieved compliance: 07/15/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/08/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/09/2005
Date achieved compliance: 04/07/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/09/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

Evaluation Action Summary:

| | |
|---|---|
| Evaluation date: | 05/08/2008 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - General |
| Date achieved compliance: | 07/15/2008 |
| Evaluation lead agency: | State |

| | |
|---|---|
| Evaluation date: | 03/09/2005 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - General |
| Date achieved compliance: | 04/07/2005 |
| Evaluation lead agency: | State Contractor/Grantee |

ENVIROSTOR:

| | |
|---|---|
| Facility ID: | 71002948 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.41397 |
| Longitude: | -121.9485 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAD981997513 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110009541674 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 71002948 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |

| | |
|---|---|
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |

**LUMENTUM OPERATIONS LLC 80 ROW SITE (Continued)** **1000181199**

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110009541674

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

HAZARDOUS AIR POLLUTANT MAJOR

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000181199
Registry ID: 110009541674
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009541674

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**92**
**ESE**
**1/2-1**
**0.986 mi.**
**5204 ft.**

**PANTRONIX CORP. - SAN JOSE** **CA ENVIROSTOR** **S108749644**
**145 RIO ROBLES DRIVE** **N/A**
**SAN JOSE, CA 95134**

**Relative:**
**Higher**

**Actual:**
**12 ft.**

ENVIROSTOR:
Facility ID: 71003204
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported

**PANTRONIX CORP. - SAN JOSE (Continued)** **S108749644**

| | |
|---|---|
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Berkeley |
| Assembly: | 25 |
| Senate: | 10 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 37.40605 |
| Longitude: | -121.9477 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAL000003421 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110000784964 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 71003204 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |
| | |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

Count: 1 records.

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|---|---|---|---|---|---|
| ALVISO | S101482387 | MARSHLAND DEVELOPMENTS, INC | GOLD STREET, NEAR SAN TOMAS AQ | 95002 | CA ENVIROSTOR |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### *Federal NPL site list*

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/04/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

***Federal institutional controls / engineering controls registries***

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 43

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/28/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/28/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

***Federal ERNS list***

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 45

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

***State- and tribal - equivalent NPL***

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

***State- and tribal - equivalent CERCLIS***

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 29

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Quarterly

***State and tribal leaking storage tank lists***

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/11/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

***State and tribal registered storage tank lists***

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/11/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

***State and tribal voluntary cleanup sites***

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

***State and tribal Brownfields sites***

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 20

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Brownfield lists***

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/18/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Semi-Annually

***Local Lists of Landfill / Solid Waste Disposal Sites***

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 09/28/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/02/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs
A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Quarterly

***Local Lists of Registered Storage Tanks***

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

***Local Land Records***

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/29/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Semi-Annually

***Records of Emergency Release Reports***

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 51

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

***Other Ascertainable Records***

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/31/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/09/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/24/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/26/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 36

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/14/2018
Date Data Arrived at EDR: 10/11/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 57

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/11/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/03/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/03/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/15/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 06/19/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 87

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/14/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/16/2018
Number of Days to Update: 21

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 08/28/2018
Date Data Arrived at EDR: 08/30/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 63

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 7

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 11/13/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 42

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 10/04/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 27

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/30/2018
Date Data Arrived at EDR: 09/27/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/02/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/19/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/18/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 53

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 37

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/19/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 53

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/19/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/09/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 11/09/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 29

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/19/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/19/2018
Number of Days to Update: 29

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/14/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

CIWQS: California Integrated Water Quality System
The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 12/04/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

**EDR HIGH RISK HISTORICAL RECORDS**

***EDR Exclusive Records***

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

**EDR RECOVERED GOVERNMENT ARCHIVES**

***Exclusive Recovered Govt. Archives***

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

**COUNTY RECORDS**

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/05/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 22

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/05/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 23

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 27

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/04/2019
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 10/31/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 12/12/2018
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 50

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/26/2018
Date Data Arrived at EDR: 11/30/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 46

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 08/16/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 8

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 28

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 10/18/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 27

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/26/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 20

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 11/02/2018
Date Data Arrived at EDR: 11/07/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 37

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/21/2018
Date Data Arrived at EDR: 11/27/2018
Date Made Active in Reports: 12/12/2018
Number of Days to Update: 15

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 11/08/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 6

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/14/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 22

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/20/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 35

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 31

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/15/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/15/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 31

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/14/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/14/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Semi-Annually

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Annually

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 28

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/26/2018
Date Data Arrived at EDR: 11/27/2018
Date Made Active in Reports: 12/12/2018
Number of Days to Update: 15

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 01/14/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 08/31/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 19

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 01/09/2019
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 07/18/2018
Date Data Arrived at EDR: 09/04/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 15

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 12/06/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 11/01/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 15

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/27/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 11/28/2018
Date Data Arrived at EDR: 11/30/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/06/2018
Date Data Arrived at EDR: 11/08/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 6

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 10/04/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 29

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/04/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 29

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 10/04/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/06/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/29/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 38

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 07/19/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 10/16/2018
Number of Days to Update: 4

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/17/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 11/05/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/17/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/03/2018
Date Data Arrived at EDR: 10/02/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 30

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/04/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/23/2018
Date Data Arrived at EDR: 10/02/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 31

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 11/15/2018
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 27

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/28/2018
Date Data Arrived at EDR: 11/30/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 42

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

SAN DIEGO CO. SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/14/2018
Date Data Arrived at EDR: 11/15/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 28

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/17/2018
Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/16/2018
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 38

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 10

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 12/21/2018
Date Data Arrived at EDR: 12/27/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 19

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 10/25/2018
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 12/13/2018
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/25/2018
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 28

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 12/27/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 19

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 36

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/26/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Annually

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Quarterly

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/25/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 36

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/04/2018
Number of Days to Update: 22

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/19/2018
Date Made Active in Reports: 11/05/2018
Number of Days to Update: 17

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/26/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/07/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 7

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

**OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/04/2018
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/01/2018
Date Data Arrived at EDR: 10/31/2018
Date Made Active in Reports: 12/20/2018
Number of Days to Update: 50

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/31/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/07/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

**STREET AND ADDRESS INFORMATION**

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# GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

**TARGET PROPERTY ADDRESS**

PARCEL 61
2303 CALLE DEL MUNDO
SANTA CLARA, CA 95054

**TARGET PROPERTY COORDINATES**

| | |
|---|---|
| Latitude (North): | 37.410172 - 37˚ 24' 36.62'' |
| Longitude (West): | 121.965807 - 121˚ 57' 56.91'' |
| Universal Tranverse Mercator: | Zone 10 |
| UTM X (Meters): | 591525.4 |
| UTM Y (Meters): | 4140673.2 |
| Elevation: | 10 ft. above sea level |

**USGS TOPOGRAPHIC MAP**

| | |
|---|---|
| Target Property Map: | 5640070 MILPITAS, CA |
| Version Date: | 2012 |

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

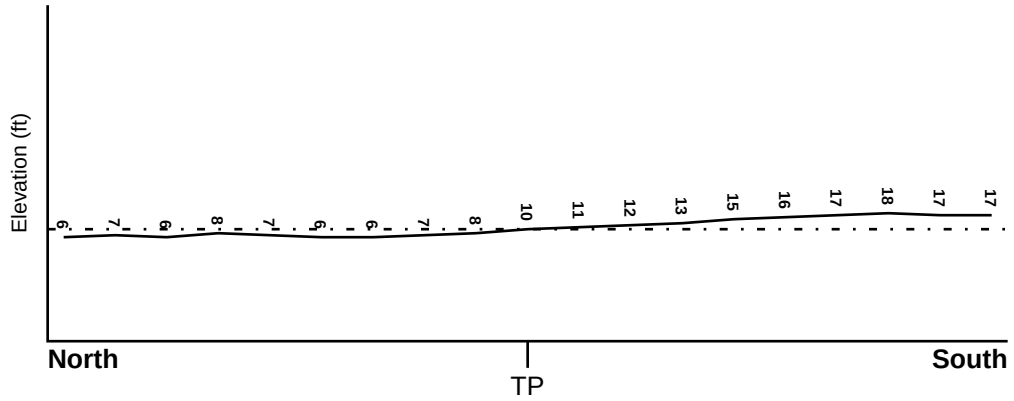
**TOPOGRAPHIC INFORMATION**

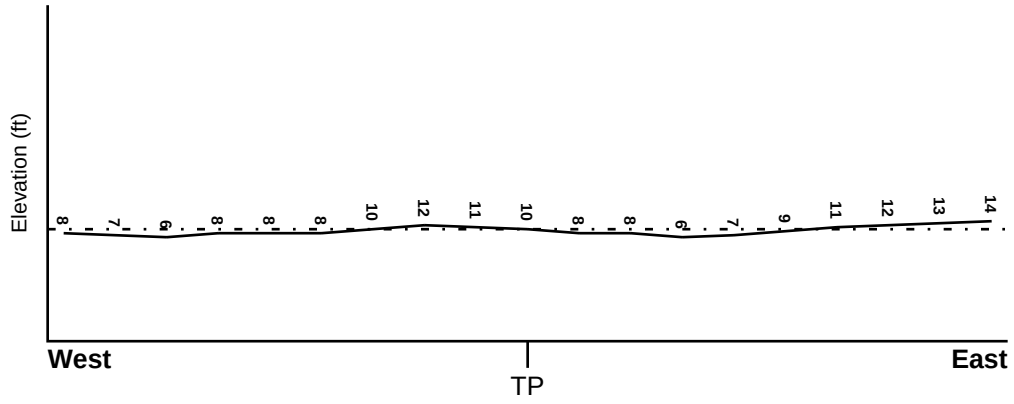
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

**TARGET PROPERTY TOPOGRAPHY**

General Topographic Gradient: General NE

**SURROUNDING TOPOGRAPHY: ELEVATION PROFILES**




**Target Property Elevation: 10 ft.**

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE**

| Flood Plain Panel at Target Property | FEMA Source Type |
|---|---|
| 06085C0062J | FEMA FIRM Flood data |

| Additional Panels in search area: | FEMA Source Type |
|---|---|
| 06085C0061H | FEMA FIRM Flood data |
| 06085C0063H | FEMA FIRM Flood data |
| 06085C0064H | FEMA FIRM Flood data |

**NATIONAL WETLAND INVENTORY**

| NWI Quad at Target Property | NWI Electronic Data Coverage |
|---|---|
| MILPITAS | YES - refer to the Overview Map and Detail Map |

**HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

***Site-Specific Hydrogeological Data*:***

| | |
|---|---|
| Search Radius: | 1.25 miles |
| Location Relative to TP: | 1 - 2 Miles West |
| Site Name: | DYSAN CORPORATION |
| Site EPA ID Number: | CAD063541445 |
| Groundwater Flow Direction: | N ON A REGIONAL BASIS. |
| Measured Depth to Water: | 5 feet to 7 feet. |
| Hydraulic Connection: | The shallow aquifer and lower usable aquifer present at a depth of approximately 200 to 250 feet are separated by a continuous clay layer. |
| Sole Source Aquifer: | No information about a sole source aquifer is available |
| Data Quality: | Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s) |

**AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

| MAP ID | LOCATION FROM TP | GENERAL DIRECTION GROUNDWATER FLOW |
|---|---|---|
| Not Reported | | |

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

**GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

**ROCK STRATIGRAPHIC UNIT**

| | |
|---|---|
| Era: | Cenozoic |
| System: | Quaternary |
| Series: | Quaternary |
| Code: | Q *(decoded above as Era, System & Series)* |

**GEOLOGIC AGE IDENTIFICATION**

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

**DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

| | |
|---|---|
| Soil Component Name: | REYES |
| Soil Surface Texture: | clay |
| Hydrologic Group: | Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer. |
| Soil Drainage Class: | Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet. |

Hydric Status: Soil does not meet the requirements for a hydric soil.

| | |
|---|---|
| Corrosion Potential - Uncoated Steel: | HIGH |
| Depth to Bedrock Min: | > 60 inches |
| Depth to Bedrock Max: | > 60 inches |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | | |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | Permeability Rate (in/hr) | Soil Reaction (pH) |
| 1 | 0 inches | 14 inches | clay | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt. | Max: 0.20<br>Min: 0.06 | Max: 6.50<br>Min: 3.60 |
| 2 | 14 inches | 63 inches | clay | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt. | Max: 0.20<br>Min: 0.06 | Max: 6.00<br>Min: 3.60 |

**OTHER SOIL TYPES IN AREA**

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: mucky - clay
silty clay loam
loam
clay loam
silt loam

Surficial Soil Types: mucky - clay
silty clay loam
loam
clay loam
silt loam

Shallow Soil Types: clay

Deeper Soil Types: mucky - clay
cobbly - clay loam
clay loam
stratified
silty clay loam

**LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

| DATABASE | SEARCH DISTANCE (miles) |
|---|---|
| Federal USGS | 1.000 |
| Federal FRDS PWS | Nearest PWS within 0.001 miles |
| State Database | 1.000 |

## FEDERAL USGS WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| No Wells Found | | |

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| No PWS System Found | | |

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| 1 | 6843 | 1/2 - 1 Mile SE |

# PHYSICAL SETTING SOURCE MAP - 5536582.2s

County Boundary
Major Roads
Contour Lines
Earthquake Fault Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location
HD Closest Hydrogeological Data
Oil, gas or related wells

N

| | | | |
|---|---|---|---|
| SITE NAME: | Parcel 61 | CLIENT: | Roux Associates Inc |
| ADDRESS: | 2303 Calle Del Mundo<br>Santa Clara CA 95054 | CONTACT: | Rachel Maxwell |
| | | INQUIRY #: | 5536582.2s |
| LAT/LONG: | 37.410172 / 121.965807 | DATE: | January 16, 2019 4:28 pm |

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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | Database | EDR ID Number |
|---|---|---|
| **1**<br>**SE**<br>**1/2 - 1 Mile**<br>**Higher** | **CA WELLS** | **6843** |

| | | | |
|---|---|---|---|
| Seq: | 6843 | Prim sta c: | 06S/01W-22B01 M |
| Frds no: | 4310012020 | County: | 43 |
| District: | 05 | User id: | HEN |
| System no: | 4310012 | Water type: | G |
| Source nam: | WELL 19 - INACTIVE | Station ty: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Latitude: | 372401.0 | Longitude: | 1215719.0 |
| Precision: | 5 | Status: | IR |
| Comment 1: | Not Reported | Comment 2: | Not Reported |
| Comment 3: | Not Reported | Comment 4: | Not Reported |
| Comment 5: | Not Reported | Comment 6: | Not Reported |
| Comment 7: | Not Reported | | |

| | | | |
|---|---|---|---|
| System no: | 4310012 | System nam: | City of Santa Clara |
| Hqname: | Not Reported | Address: | 1500 WARBURTON AVE |
| City: | SANTA CLARA | State: | CA |
| Zip: | 95050 | Zip ext: | Not Reported |
| Pop serv: | 94925 | Connection: | 23702 |
| Area serve: | SANTA CLARA CITY | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
# RADON

**AREA RADON INFORMATION**

State Database: CA Radon

Radon Test Results

| Zipcode | Num Tests | > 4 pCi/L |
|---|---|---|
| 95054 | 9 | 0 |

Federal EPA Radon Zone for SANTA CLARA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

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Federal Area Radon Information for Zip Code: 95054

Number of sites tested: 1

| Area | Average Activity | % <4 pCi/L | % 4-20 pCi/L | % >20 pCi/L |
|---|---|---|---|---|
| Living Area - 1st Floor | 0.700 pCi/L | 100% | 0% | 0% |
| Living Area - 2nd Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Basement | Not Reported | Not Reported | Not Reported | Not Reported |

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

**STREET AND ADDRESS INFORMATION**

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# APPENDIX B

Freedom of Information Act/Public Records Inquiries and Responses

## Trisha Struble

**From:** Public Records <PublicRecords@baaqmd.gov>
**Sent:** Tuesday, January 29, 2019 11:17 AM
**To:** Rachel Maxwell
**Subject:** Public Records Request No. 2019-01-0144

**This message originated outside your organization. Please use caution!**

---

Dear Rachel Maxwell,

Thank you for your request. We have searched our records and have no records that respond to your below request for:

Parcel 61
2303, 2307, 2311, 2315, and 2319 Calle Del Mundo
Santa Clara

If you have any questions or concerns, please call or e-mail me.

Sincerely,

Rochelle Reed
Public Records Section
BAAQMD
415-516-1916

## Trisha Struble

**From:** Rachel Maxwell
**Sent:** Tuesday, January 15, 2019 4:20 PM
**To:** 'PublicRecords@baaqmd.gov'
**Subject:** BAAQMD Public Records Request

Hello BAAQMD,

We are conducting a Phase I ESA and would like to request all documents associated with the following addresses:

2303, 2307, 2311, 2315, and 2319 Calle Del Mundo, Santa Clara, California
Santa Clara County Assessor Parcel Number (APN) 097-46-061

We are particularly interested in documents relating to air permits and/or violations.

Cheers,

**Rachel Maxwell | Project Scientist**
555 12th Street, Suite 250, Oakland, California 94607
Main: 415-967-6000 | Direct: 415-967-6024 | Mobile: 510-469-1666
Email: ramaxwell@rouxinc.com | Website: www.rouxinc.com

ROUX

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# Public Records Tracker

Search

Click Here to Create Request

| Request Number | Name | Date Received | Public Record Status |
|---|---|---|---|
| 2019-01-0144 | 2303, 2307, 2311, 2315, and 2319 Calle Del Mundo, Santa Clara | 1/15/2019 | Closed - No Records Found |

## Trisha Struble

**From:** Rachel Maxwell
**Sent:** Tuesday, January 15, 2019 4:14 PM
**To:** 'Clerk@santaclaraca.gov'
**Cc:** 'npimentel@santaclaraca.gov'
**Subject:** City of Santa Clara Public Records Request

Hello City of Santa Clara,

We are conducting a Phase I ESA and would like to request all documents associated with the following addresses:

2303, 2307, 2311, 2315, and 2319 Calle Del Mundo, Santa Clara, California
Santa Clara County Assessor Parcel Number (APN) 097-46-061

We are interested in files available from this property for the entire history of the addresses. These include building permits, fire department documents, information about underground or above ground storage tanks, sewer discharge documentation, use of hazardous substances, or other documents of an environmental nature.

Please review documents from the Fire Department, Community Development Services/Building Division, and Public Works.

Cheers,

**Rachel Maxwell | Project Scientist**
555 12th Street, Suite 250, Oakland, California 94607
Main: 415-967-6000 | Direct: 415-967-6024 | Mobile: 510-469-1666
Email: ramaxwell@rouxinc.com | Website: www.rouxinc.com

ROUX

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# County of Santa Clara
# Consumer & Environmental Protection Agency
# Public Records Request Form

**Please Print Legibly or Type:**

| | |
|---|---|
| Name of Requestor: | Rachel Maxwell |
| Agency/Company: (if applicable) | Roux Associates |
| Address of Requestor: | 555 12th Street Suite 250, Oakland, CA, 94607 |
| Phone # of Requestor: | 415-967-6024 |
| Fax # of Requestor: | 415-967-6001 |
| Email of Requestor: | ramaxwell@rouxinc.com |
| Indicate the Best Way to Reach You: | Email |

**Requested Documents - please be as specific as possible & be sure to include the address of the location being requested (including city) and the exact type of records you are looking for:**

We are conducting a Phase I ESA and would like to request all documents associated with the following addresses:

2303, 2307, 2311, 2315, and 2319 Calle Del Mundo, Santa Clara, California
Santa Clara County Assessor Parcel Number (APN) 097-46-061

We are interested in files available from this property for the entire history of the addresses. These include building permits, fire department documents, information about underground or above ground storage tanks, sewer discharge documentation, use of

**Once the form is completed and printed, you can either email to dehweb@cep.sccgov.org or fax to (408) 286-3280. Please note: We have 10 business days to process the request in order of which it was received. We only process requests for records pertaining to Consumer & Environmental Protection Agency. If you are requesting records for other agencies/departments please contact those other agencies/departments. Thank you.**

| FOR COUNTY USE ONLY: | |
|---|---|
| | |
| Date Received: | Initials: |
| Department Received: | Request #: |
| Date Submitted to Counsel: | |

rev 03/02/17

## Trisha Struble

**From:** Rachel Maxwell
**Sent:** Tuesday, January 15, 2019 4:17 PM
**To:** 'dehweb@cep.sccgov.org'
**Subject:** Consumer & EPA Public Records Request
**Attachments:** County_PRA_Request_Form.pdf

Hello,

Please see the attached Public Records Request Form.

We are conducting a Phase I ESA and would like to request all documents associated with the following addresses:

2303, 2307, 2311, 2315, and 2319 Calle Del Mundo, Santa Clara, California
Santa Clara County Assessor Parcel Number (APN) 097-46-061

We are interested in files available from this property for the entire history of the addresses. These include building permits, fire department documents, information about underground or above ground storage tanks, sewer discharge documentation, use of hazardous substances, or other documents of an environmental nature.

Cheers,

**Rachel Maxwell | Project Scientist**
555 12th Street, Suite 250, Oakland, California 94607
Main: 415-967-6000 | Direct: 415-967-6024 | Mobile: 510-469-1666
Email: ramaxwell@rouxinc.com | Website: www.rouxinc.com

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## Trisha Struble

**From:** Belloso, Melissa <Melissa.Belloso@cep.sccgov.org>
**Sent:** Tuesday, January 15, 2019 4:52 PM
**To:** Rachel Maxwell
**Subject:** RESPONSE TO RECORDS REQUEST#011519F

**This message originated outside your organization. Please use caution!**

---

Good afternoon, Rachel.

Thank you for your recent record request received on 01.15.19 for the following addresses in SANTA CLARA:

2303, 2307, 2311, 2315 AND 2319 CALLE DEL MUNDO

We have no records for these locations. However, additional electronic documents may be found on the following websites:

Local Oversight Program (LOP)
GEOTracker (GT)

Spill Reports Website – California Office of Emergency Services (Cal OES):

https://w3.calema.ca.gov/operational/malhaz.nsf/$defaultview

Please be advised that in some cities, other participating agencies may be responsible for maintaining the type of files you requested. This link may be of assistance in determining who will have the documents you are looking for in the future: UNIDOCS – Who regulates what in Santa Clara County

*Best,*

*MELISSA BELLOSO*
Sr. Office Specialist
Administration
County of Santa Clara
Consumer and Environmental Protection Agency
408-918-3421 Phone
MELISSA.BELLOSO@CEP.SCCGOV.ORG

WE ARE CEPA IS US!
AEM•DEH•VCD

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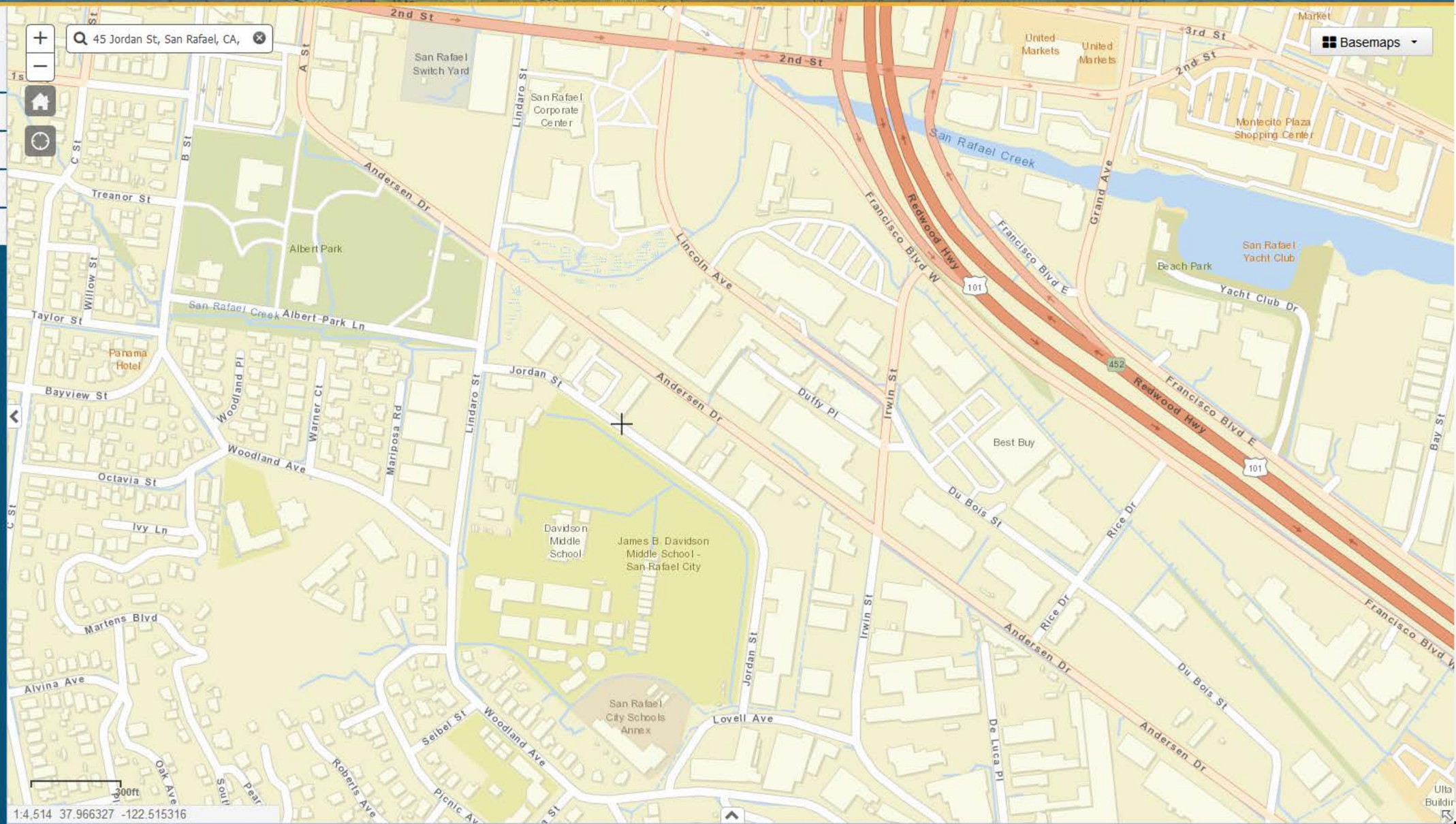
# Well Finder
DOGGR GIS

More Info | Help | ©

- Well Status and Well Type Filter
  - Checkbox Filter
- Search
- Zoom to Field
- Measurement
- Layers

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# Department of Toxic Substances Control

***Matthew Rodriquez***
Secretary for
Environmental Protection

Barbara A. Lee, Director
700 Heinz Avenue
Berkeley, California 94710-2721

***Edmund G. Brown Jr.***
Governor

January 24, 2019

Rachel Maxwell
ROUX Associates
555 12th st., Ste. 250
Oakland, CA 94612

**PR2-011519-06**

**SITES: 2303, 2307, 2311, 2315 + 2319 Calle Del Mundo, Santa Clara, CA**

Dear Ms. Maxwell:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control. After a thorough review of our files specifically located in the Berkeley Regional office, we have found that no such records exist at this office pertaining to the sites/facilities referenced above.

We would like to inform you about Envirostor, a database that provides information and documents on several thousand DTSC cleanup sites. EnviroStor can be accessed at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available in the DTSC File rooms of each regional office for use by community members to view EnviroStor.

If you have any questions, would like further information regarding your request, or would like an appointment to visit Berkeley's Central File Room, please contact me at (510)540-3800.

Sincerely,

Carl Rose
Regional Central Files Coordinator
Tel: 510-540-3800 / Fax: 510-540-3801
Berkeleyfileroom@DTSC.CA.GOV

Printed on Recycled Paper

## Trisha Struble

**From:** Rachel Maxwell
**Sent:** Tuesday, January 15, 2019 4:05 PM
**To:** 'berkeleyfileroom@dtsc.ca.gov'
**Subject:** DTSC Public Records Request

Hello Berkeley File Room,

We are conducting a Phase I ESA and would like to request all documents associated with the following addresses:

2303, 2307, 2311, 2315, and 2319 Calle Del Mundo, Santa Clara, California
Santa Clara County Assessor Parcel Number (APN) 097-46-061

Please let us know if there are additional documents to review that are not available on Envirostor.

Cheers,

**Rachel Maxwell | Project Scientist**
555 12th Street, Suite 250, Oakland, California 94607
Main: 415-967-6000 | Direct: 415-967-6024 | Mobile: 510-469-1666
Email: ramaxwell@rouxinc.com | Website: www.rouxinc.com

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# Department of Toxic Substances Control

**Meredith Williams, Ph.D , Acting Director**
**1001 I Street**
**P.O. Box 806**
**Sacramento , CA 958120806**

**Matthew Rodriquez**
Secretary for
Environmental Protection

**Jared Blumenfeld**
Secretary for Environmental Protection

**Edmund G. Brown Jr.**
Governor

**Gavin Newsom**
Governor

## EPA ID PROFILE

Map

| | | | |
|---|---|---|---|
| **ID Number:** | CAC001323672 | **Status:** | INACTIVE |
| **Name:** | PERMIAN BUILDERS | **Inactive Date:** | 10/25/2000 12:00:00 AM |
| **County:** | SANTA CLARA | **Record Entered:** | 1/5/2000 12:00:00 AM |
| **NAICS:** | N/A | **Last Updated:** | 10/25/2000 12:00:00 AM |

| | Name | Address | City | State | Zip Code | Phone |
|---|---|---|---|---|---|---|
| **Location** | PERMIAN BUILDERS | 2303 CALLE DEL MUNDO | SANTA CLARA | CA | 950540000 | |
| **Mailing** | | 47770 WESTINGHOUSE DR | FREMONT | CA | 945397475 | |
| **Owner** | PERMIAN BUILDERS | 47770 WESTINGHOUSE DR | FREMONT | CA | 945397475 | 4087271177 |
| **Operator/Contact** | LARRY HOFSTETTER - GEN CONT | 47770 WESTINGHOUSE DR | FREMONT | CA | 945397475 | 4087271177 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | |

**Based Only Upon ID Number:** **CAC001323672**

| Calif. Manifests? | Non Calif. Manifests? | Transporter Registration? |
|---|---|---|
| Yes | N/A | N/A |

## California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

## Calif. Manifest Counts and Total Tonnage

*Top line represents Manifest Count and Bottom line represents Total Tonnage*

| Year | Generator | Trans. 1 | Trans. 2 | TSDF | ALT. TSDF |
|---|---|---|---|---|---|
| 2000 | 1<br>0.34000 | 0<br>0.00000 | 0<br>0.00000 | 0<br>0.00000 | 0<br>0.00000 |

## Non California Manifest Total Tonnage

**No Records Found**

| Waste Code Matrix | | | | | |
|---|---|---|---|---|---|
| California | Generator | Trans. 1 | Trans. 2 | TSDF | Alt. TSDF |
| RCRA | Generator | Trans. 1 | Trans. 2 | TSDF | Alt. TSDF |

Waste Code Matrix as a spreadsheet

*The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee*

*that the data accurately reflect what was actually transported or produced.*

# Department of Toxic Substances Control

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*Secretary for Environmental Protection*

**Edmund G. Brown Jr.**
Governor

**Gavin Newsom**
*Governor*

## EPA ID PROFILE

Map

| | | | |
|---|---|---|---|
| **ID Number:** | CAD069138261 | **Status:** | INACTIVE |
| **Name:** | G & K METAL FINISHING | **Inactive Date:** | 1/1/1995 12:00:00 AM |
| **County:** | SANTA CLARA | **Record Entered:** | 7/23/1982 12:00:00 AM |
| **NAICS:** | N/A | **Last Updated:** | 7/24/2001 12:00:00 AM |

| | Name | Address | City | State | Zip Code | Phone |
|---|---|---|---|---|---|---|
| **Location** | G & K METAL FINISHING | 2307 CALLE DEL MUNDO | SANTA CLARA | CA | 950500000 | |
| **Mailing** | | 2307 CALLE DEL MUNDO | SANTA CLARA | CA | 950500000 | |
| **Owner** | HICKEY GORDON O | -- | -- | 99 | -- | 0000000000 |
| **Operator/Contact** | UNDELIVERABLE 1/95 SURVEY HN | -- | -- | 99 | -- | -- |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | |

***Based Only Upon ID Number:*** ***CAD069138261***

| *Calif. Manifests?* | *Non Calif. Manifests?* | *Transporter Registration?* |
|---|---|---|
| *N/A* | *N/A* | *N/A* |

## *California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page*

## *Calif. Manifest Counts and Total Tonnage*

***No Records Found***

## *Non California Manifest Total Tonnage*

***No Records Found***

*The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.*

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Secretary for
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**Edmund G. Brown Jr.**
Governor

**Jared Blumenfeld**
*Secretary for Environmental Protection*

**Gavin Newsom**
*Governor*

## EPA ID PROFILE

Map

**ID Number:** CAL000093333
**Name:**
LEATCO INC DBA LEAT CO PRINTING & GRAPH
**County:** SANTA CLARA
**NAICS:** N/A

**Status:** INACTIVE
**Inactive Date:** 6/30/1999 12:00:00 AM
**Record Entered:** 10/7/1994 12:00:00 AM
**Last Updated:** 4/19/2004 9:16:45 AM

| | Name | Address | City | State | Zip Code | Phone |
|---|---|---|---|---|---|---|
| **Location** | LEATCO INC DBA LEAT CO PRINTING & GRAPH | 2307 CALLE DEL MUNDO | SANTA CLARA | CA | 950541008 | |
| **Mailing** | | 2302 CALLE DEL MUNDO | SANTA CLARA | CA | 950540000 | |
| **Owner** | ROBERT & BARBARA LEAT | 2302 CALLE DEL MUNDO | SANTA CLARA | CA | 950540000 | 4089801116 |
| **Operator/Contact** | BARBARA LEAT | INACTIVE PER VQ99 - BMI | SANTA CLARA | CA | 950541008 | 4089801116 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | |

**Based Only Upon ID Number:** **CAL000093333**

| Calif. Manifests? | Non Calif. Manifests? | Transporter Registration? |
|---|---|---|
| Yes | Yes | N/A |

## California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

## Calif. Manifest Counts and Total Tonnage

*Top line represents Manifest Count and Bottom line represents Total Tonnage*

| Year | Generator | Trans. 1 | Trans. 2 | TSDF | ALT. TSDF |
|---|---|---|---|---|---|
| 1996 | 1<br>0.12510 | 0<br>0.00000 | 0<br>0.00000 | 0<br>0.00000 | 0<br>0.00000 |
| 1997 | 1<br>0.12510 | 0<br>0.00000 | 0<br>0.00000 | 0<br>0.00000 | 0<br>0.00000 |
| 1998 | 1<br>0.10200 | 0<br>0.00000 | 0<br>0.00000 | 0<br>0.00000 | 0<br>0.00000 |

## Non California Manifest Total Tonnage

| YEAR | GENERATOR | TRANS. 1 | TRANS. 2 | TSDF |
|---|---|---|---|---|
| 1996 | 0.45870 | 0.00000 | 0.00000 | 0.00000 |
| 1998 | 0.18760 | 0.00000 | 0.00000 | 0.00000 |

| Waste Code Matrix | | | | | |
|---|---|---|---|---|---|
| California | Generator | Trans. 1 | Trans. 2 | TSDF | Alt. TSDF |
| RCRA | Generator | Trans. 1 | Trans. 2 | TSDF | Alt. TSDF |

*Waste Code Matrix as a spreadsheet*

*The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.*

## Trisha Struble

**From:** Rachel Maxwell
**Sent:** Tuesday, January 15, 2019 4:19 PM
**To:** 'Fire@santaclaraca.gov'
**Subject:** Santa Clara Country Fire Department Public Records Request

Hello,

We are conducting a Phase I ESA and would like to request all documents associated with the following addresses:

2303, 2307, 2311, 2315, and 2319 Calle Del Mundo, Santa Clara, California
Santa Clara County Assessor Parcel Number (APN) 097-46-061

We are interested in files available from this property for the entire history of the addresses. These include building permits, fire department documents, information about underground or above ground storage tanks, sewer discharge documentation, use of hazardous substances, or other documents of an environmental nature.

Cheers,

**Rachel Maxwell | Project Scientist**
555 12th Street, Suite 250, Oakland, California 94607
Main: 415-967-6000 | Direct: 415-967-6024 | Mobile: 510-469-1666
Email: ramaxwell@rouxinc.com | Website: www.rouxinc.com

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## Trisha Struble

**From:** Rachel Maxwell
**Sent:** Tuesday, January 15, 2019 4:04 PM
**To:** 'mwong@waterboards.ca.gov'
**Subject:** WaterBoard Public Records Request

Hi Melinda,

We are conducting a Phase I ESA and would like to request all documents associated with the following addresses:

2303, 2307, 2311, 2315, and 2319 Calle Del Mundo, Santa Clara, California
Santa Clara County Assessor Parcel Number (APN) 097-46-061

Please let us know if there are additional documents to review that are not available on GeoTracker.

Cheers,

**Rachel Maxwell | Project Scientist**
555 12th Street, Suite 250, Oakland, California 94607
Main: 415-967-6000 | Direct: 415-967-6024 | Mobile: 510-469-1666
Email: ramaxwell@rouxinc.com | Website: www.rouxinc.com

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On January 18, 2019, at 2:47PM, Melina Wong with the Regional Water Quality Control Board left Roux a voicemail stating that there were no records available for the Property located at 2303, 2307, 2311, 2315, and 2319 Calle Del Mundo in Santa Clara, California.

# APPENDIX C

Questionnaire

# ASTM E 1527-13 User Questionnaire

In order to qualify for the protection offered under the EPA All Appropriate Inquiry (AAI) Standard, the **User** (entities seeking to use the ASTM E1527-13 Practice to complete an environmental site assessment of the property; i.e. Lenders and/or Borrowers) must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that AAI is not complete. This information should be the collective knowledge of the entities relying on the Phase I. **Please note that you are not being asked to evaluate the property, but rather to provide your knowledge of information on the property.**

Site Name/Address: 2303 Calle Del Mundo (Parcel 61)

Person Interviewed/Title: Jewelle Kennedy / Associate Date: 1/15/19

If known, when was the property initially developed? Approx. 1977

If different, when were the current building(s) on the property constructed? _____

1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Did a search of *recorded land title records* (or judicial records where appropriate, see note 1 below) identify any environmental liens filed or recorded against the *property* under federal, tribal, state or local law?

Yes ☐ No ☒ If you answer yes, please include an explanation in the space provided below:

NOT TO MY KNOWLEDGE. Refer to August/December 2014 Phase I ESA and December 2015 Phase II ESA

2. Activity and land use limitations that are in place on the *property* or that have been filed or recorded in a registry (40 CFR 312.26).

Did a search of recorded *land title records* (or judicial records where appropriate, see note 1 below) identify AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the *property* and/or have been filed against the *property* under federal, tribal, state, or local law?

*Engineering Controls* are defined as physical modifications to a site or facility to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property). *Institutional Controls* are defined as a legal or administrative restriction on the use of, or access to, a site or facility to 1) reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property, or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment.

Yes ☐ No ☒ If you answer yes, please include an explanation in the space provided below:

NOT TO MY KNOWLEDG. Refer to August/December 2014 Phase I ESA and December 2015 Phase II ESA

Note 1 - In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than land title records. In such cases judicial records must be searched for environmental liens and AULs.

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).
Do you have any specialized knowledge or experience related to the *property* or nearby properties?
For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes ☐ No ☒ If you answer yes, please include an explanation in the space provided below:

4. Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).

a) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*?

Yes ☒ No ☐ If you answer no, please include an explanation in the space provided below, including whether the lower purchase price is because contamination is known or believed to be present at the *property*?

5. Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *User*:

a. Do you know the past uses of the *property*?

Yes ☒ No ☐

b. Do you know of specific chemicals that are present or once were present at the *property*?

Yes ☒ No ☐

c. Do you know of spills or other chemical releases that have taken place at the *property*?

Yes ☒ No ☐

d. Do you know of any environmental cleanups that have taken place at the *property*?

Yes ☒ No ☐

If you answered yes to any of the questions above, please include an explanation in the space provided below:

Refer to August/December 2014 Phase I ESA and December 2015 Phase II ESA

6. The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

Based on your knowledge and experience related to the *property,* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

Yes ☒ No ☐ If you answer yes, please include an explanation in the space provided below:

Refer to August/December 2014 Phase I ESA and December 2015 Phase II ESA

Please provide the following property contact information:

Property Owner: Gerry Shroff Phone Number: (408) 748-0400

Key Site Personnel: James Viso (Broker) Phone Number: (408) 588-2330

Past Owner: _____ Phone Number: _____

# APPENDIX D

Historical Aerial Photographs

**Parcel 61**

2303 Calle Del Mundo

Santa Clara, CA 95054

Inquiry Number: 5536582.8

January 16, 2019

# The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

# EDR Aerial Photo Decade Package

01/16/19

**Site Name:**

Parcel 61
2303 Calle Del Mundo
Santa Clara, CA 95054
EDR Inquiry # 5536582.8

**Client Name:**

Roux Associates Inc
555 12th Street Suite 250
Oakland, CA 94607
Contact: Rachel Maxwell

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

***Search Results:***

| *Year* | *Scale* | *Details* | *Source* |
|---|---|---|---|
| 2016 | 1"=500' | Flight Year: 2016 | USDA/NAIP |
| 2012 | 1"=500' | Flight Year: 2012 | USDA/NAIP |
| 2009 | 1"=500' | Flight Year: 2009 | USDA/NAIP |
| 2006 | 1"=500' | Flight Year: 2006 | USDA/NAIP |
| 1998 | 1"=500' | Flight Date: September 06, 1998 | USDA |
| 1993 | 1"=500' | Acquisition Date: June 16, 1993 | USGS/DOQQ |
| 1982 | 1"=500' | Flight Date: July 05, 1982 | USDA |
| 1979 | 1"=500' | Flight Date: August 16, 1979 | USDA |
| 1974 | 1"=500' | Flight Date: June 06, 1974 | USGS |
| 1968 | 1"=500' | Flight Date: June 14, 1968 | USGS |
| 1963 | 1"=500' | Flight Date: June 23, 1963 | EDR Proprietary Aerial Viewpoint |
| 1956 | 1"=500' | Flight Date: June 09, 1956 | USDA |
| 1950 | 1"=500' | Flight Date: April 01, 1950 | USDA |
| 1948 | 1"=500' | Flight Date: September 26, 1948 | USDA |
| 1939 | 1"=500' | Flight Date: July 31, 1939 | USDA |

**When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.**

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INQUIRY #: 5536582.8
YEAR: 2016
= 500'
N
EDR

INQUIRY #: 5536582.8
YEAR: 2012
= 500'
N
EDR

INQUIRY #: 5536582.8
YEAR: 2009
= 500'
N
EDR

INQUIRY #: 5536582.8
YEAR: 2006
= 500'
N
EDR

INQUIRY #: 5536582.8
YEAR: 1998
= 500'
N
EDR

INQUIRY #: 5536582.8
YEAR: 1993
= 500'
N
EDR

INQUIRY #: 5536582.8
YEAR: 1982
= 500'
N
EDR

INQUIRY #: 5536582.8
YEAR: 1979
= 500'
N
EDR

INQUIRY #: 5536582.8
YEAR: 1974
= 500'
N
EDR

INQUIRY #: 5536582.8
YEAR: 1968
= 500'
N
EDR

INQUIRY #: 5536582.8
YEAR: 1963
= 500'
N
EDR

INQUIRY #: 5536582.8
YEAR: 1956
= 500'
N
EDR

INQUIRY #: 5536582.8
YEAR: 1950
= 500'
N
EDR

INQUIRY #: 5536582.8
YEAR: 1948
= 500'
N
EDR

INQUIRY #: 5536582.8
YEAR: 1939
= 500'
N
EDR

# APPENDIX E

U.S. Geological Survey Historical Topographic Maps

Parcel 61

2303 Calle Del Mundo

Santa Clara, CA 95054

Inquiry Number: 5536582.4

January 16, 2019

# EDR Historical Topo Map Report

## with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

# EDR Historical Topo Map Report

01/16/19

| Site Name: | Client Name: |
|---|---|
| Parcel 61 | Roux Associates Inc |
| 2303 Calle Del Mundo | 555 12th Street Suite 250 |
| Santa Clara, CA 95054 | Oakland, CA 94607 |
| EDR Inquiry # 5536582.4 | Contact: Rachel Maxwell |

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Roux Associates Inc were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

| *Search Results:* | | *Coordinates:* | |
|---|---|---|---|
| **P.O.#** | NA | **Latitude:** | 37.410172 37° 24' 37" North |
| **Project:** | Parcel 61 | **Longitude:** | -121.965807 -121° 57' 57" West |
| | | **UTM Zone:** | Zone 10 North |
| | | **UTM X Meters:** | 591523.10 |
| | | **UTM Y Meters:** | 4140877.50 |
| | | **Elevation:** | 10.00' above sea level |

**Maps Provided:**

| | |
|---|---|
| 2012 | 1889 |
| 1980 | |
| 1973 | |
| 1968 | |
| 1961 | |
| 1953 | |
| 1899 | |
| 1897 | |

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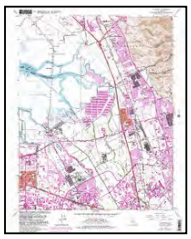
## *Topo Sheet Key*

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2012 Source Sheets

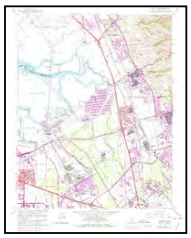
Milpitas
2012
7.5-minute, 24000

### 1980 Source Sheets



Milpitas
1980
7.5-minute, 24000
Aerial Photo Revised 1979

### 1973 Source Sheets



Milpitas
1973
7.5-minute, 24000
Aerial Photo Revised 1973

### 1968 Source Sheets

Milpitas
1968
7.5-minute, 24000
Aerial Photo Revised 1968

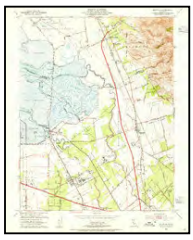
## *Topo Sheet Key*

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1961 Source Sheets

Milpitas
1961
7.5-minute, 24000
Aerial Photo Revised 1960

### 1953 Source Sheets



Milpitas
1953
7.5-minute, 24000
Aerial Photo Revised 1948

### 1899 Source Sheets

San Jose
1899
15-minute, 62500

### 1897 Source Sheets

San Jose
1897
15-minute, 62500

## *Topo Sheet Key*

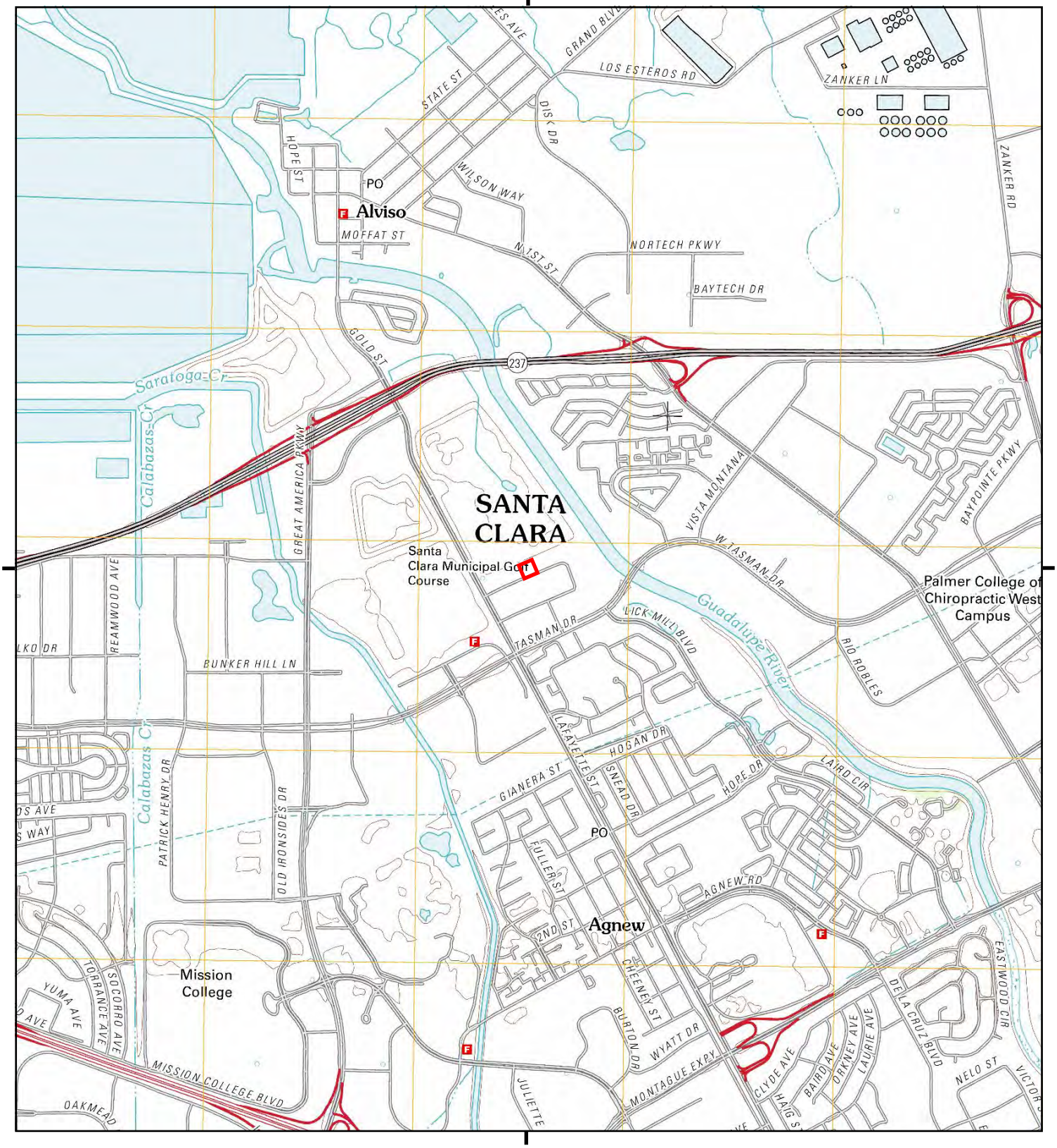
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1889 Source Sheets

San Jose
1889
15-minute, 62500

# Historical Topo Map

2012




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

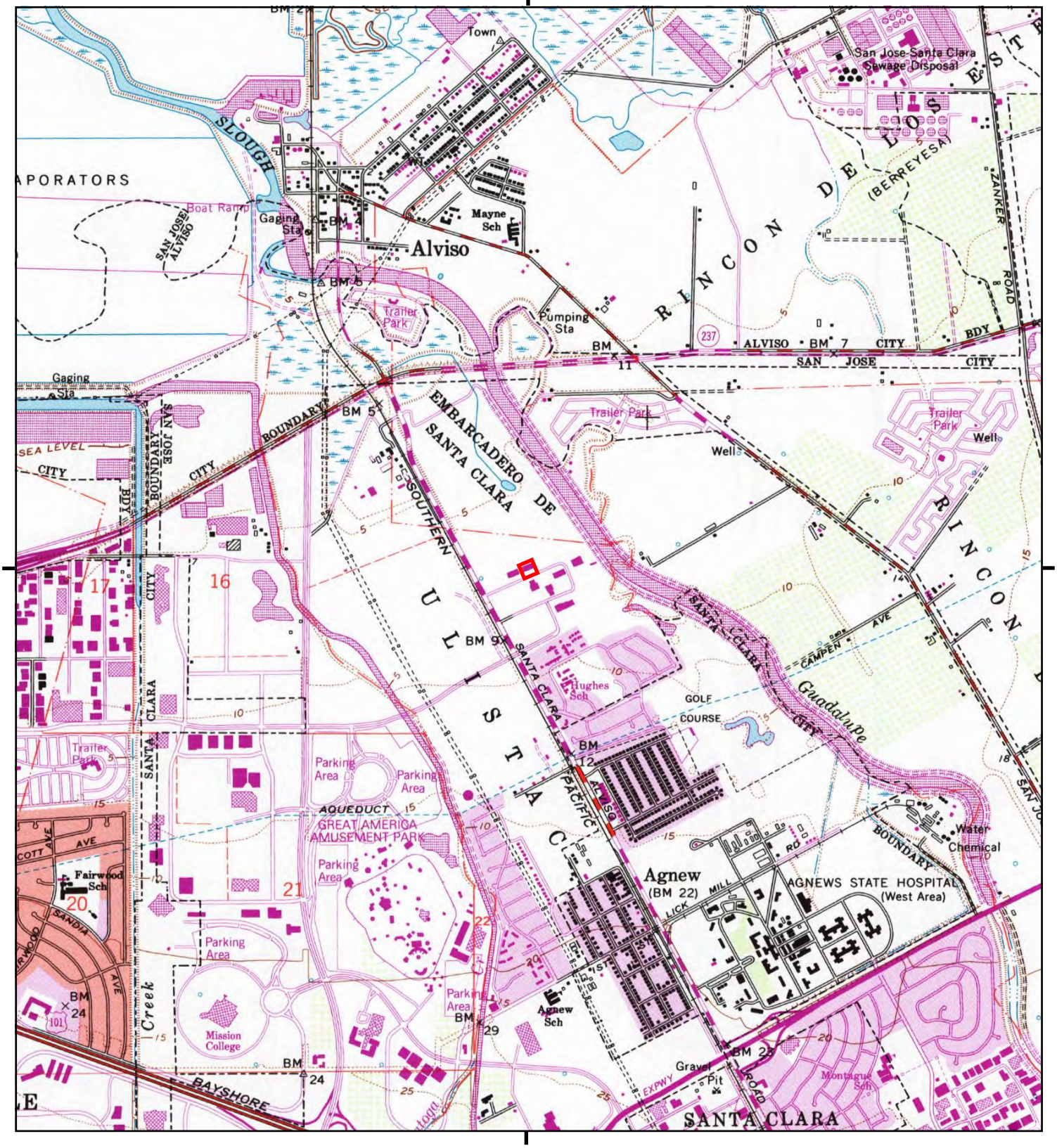
TP, Milpitas, 2012, 7.5-minute

SITE NAME: Parcel 61
ADDRESS: 2303 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Roux Associates Inc

N

# Historical Topo Map

1980




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

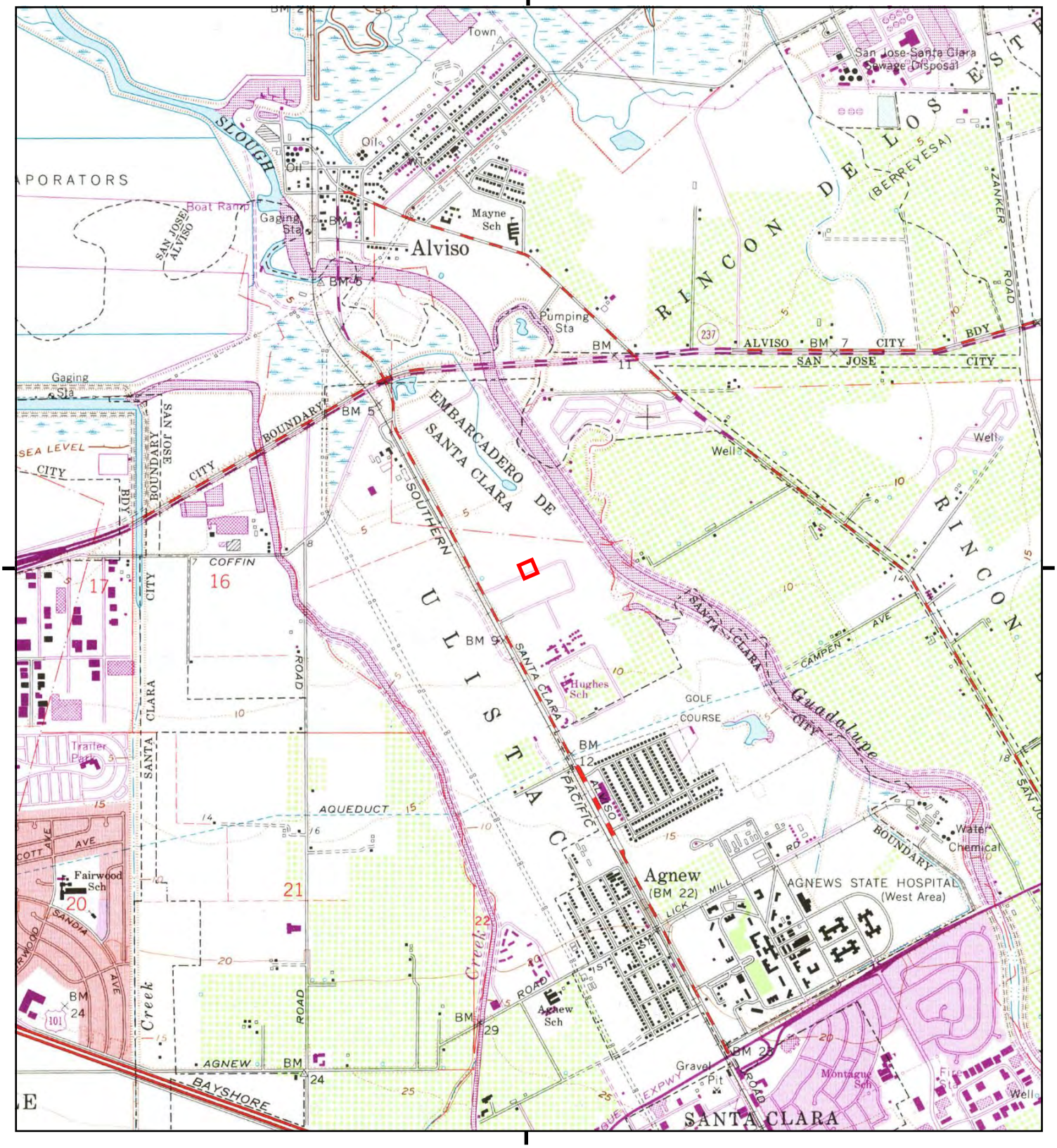
TP, Milpitas, 1980, 7.5-minute

SITE NAME: Parcel 61
ADDRESS: 2303 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Roux Associates Inc

N

# Historical Topo Map

1973




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

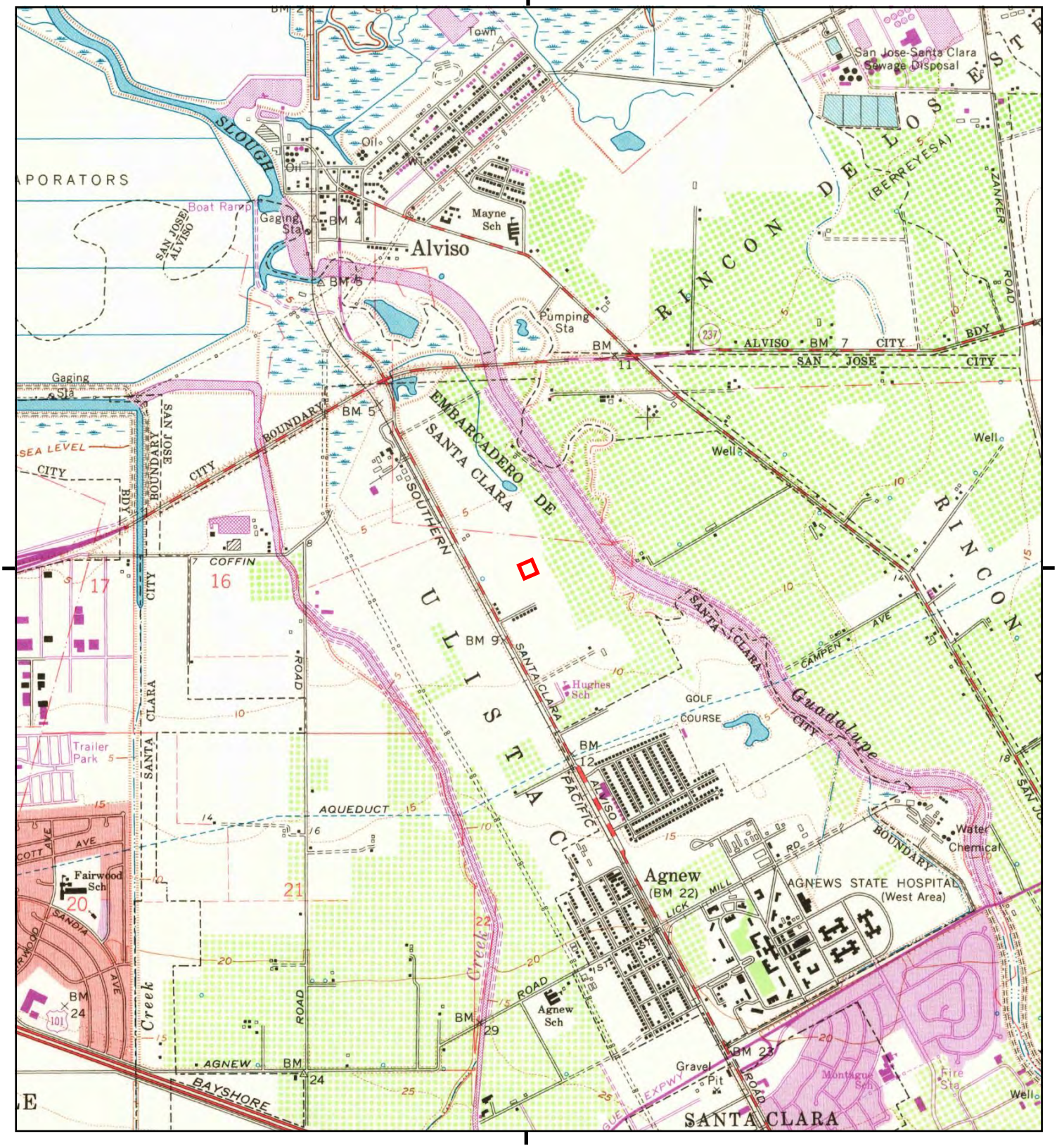
TP, Milpitas, 1973, 7.5-minute

SITE NAME: Parcel 61
ADDRESS: 2303 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Roux Associates Inc

N

# Historical Topo Map

1968




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

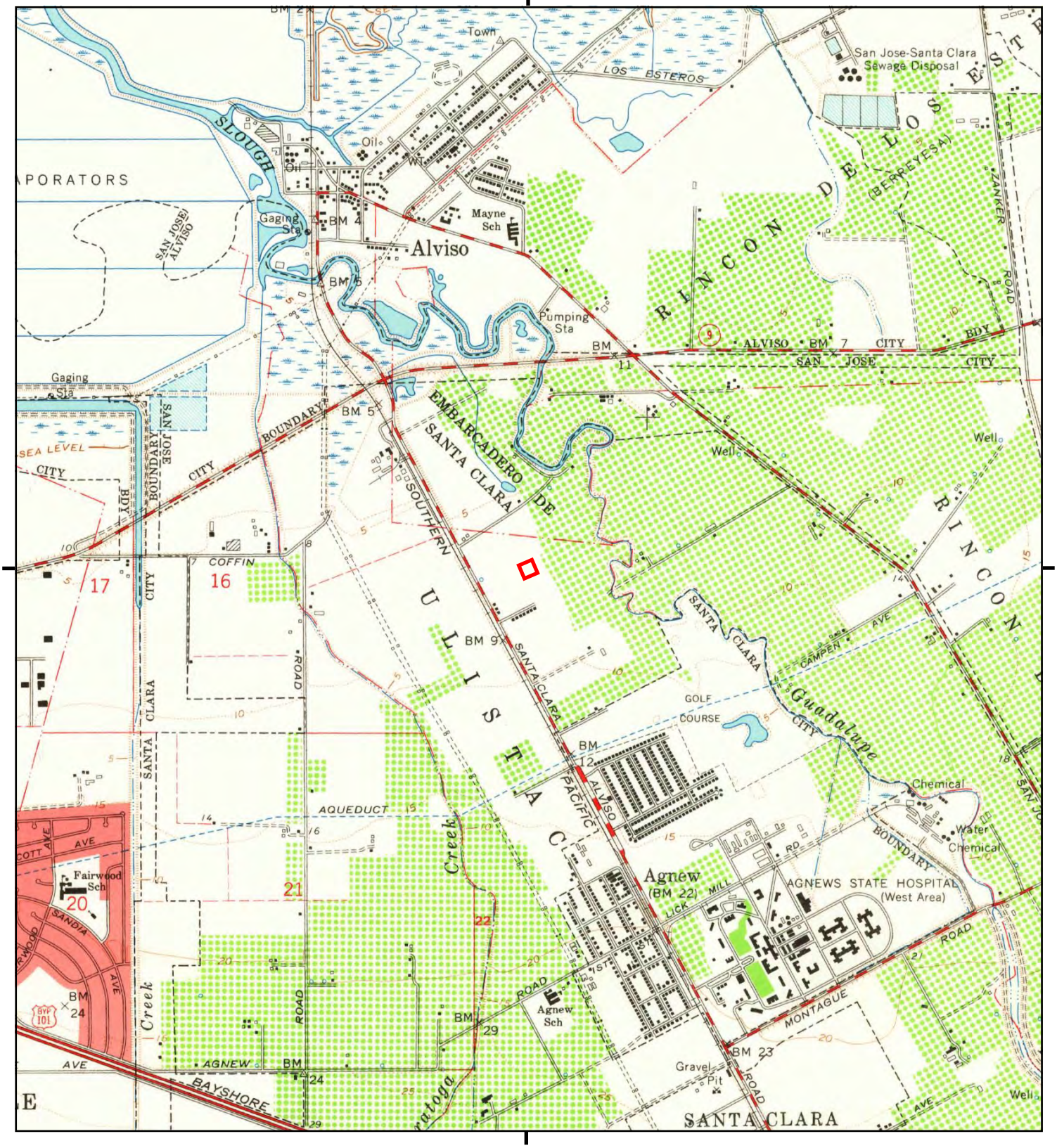
TP, Milpitas, 1968, 7.5-minute

SITE NAME: Parcel 61
ADDRESS: 2303 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Roux Associates Inc

N

# Historical Topo Map

1961




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

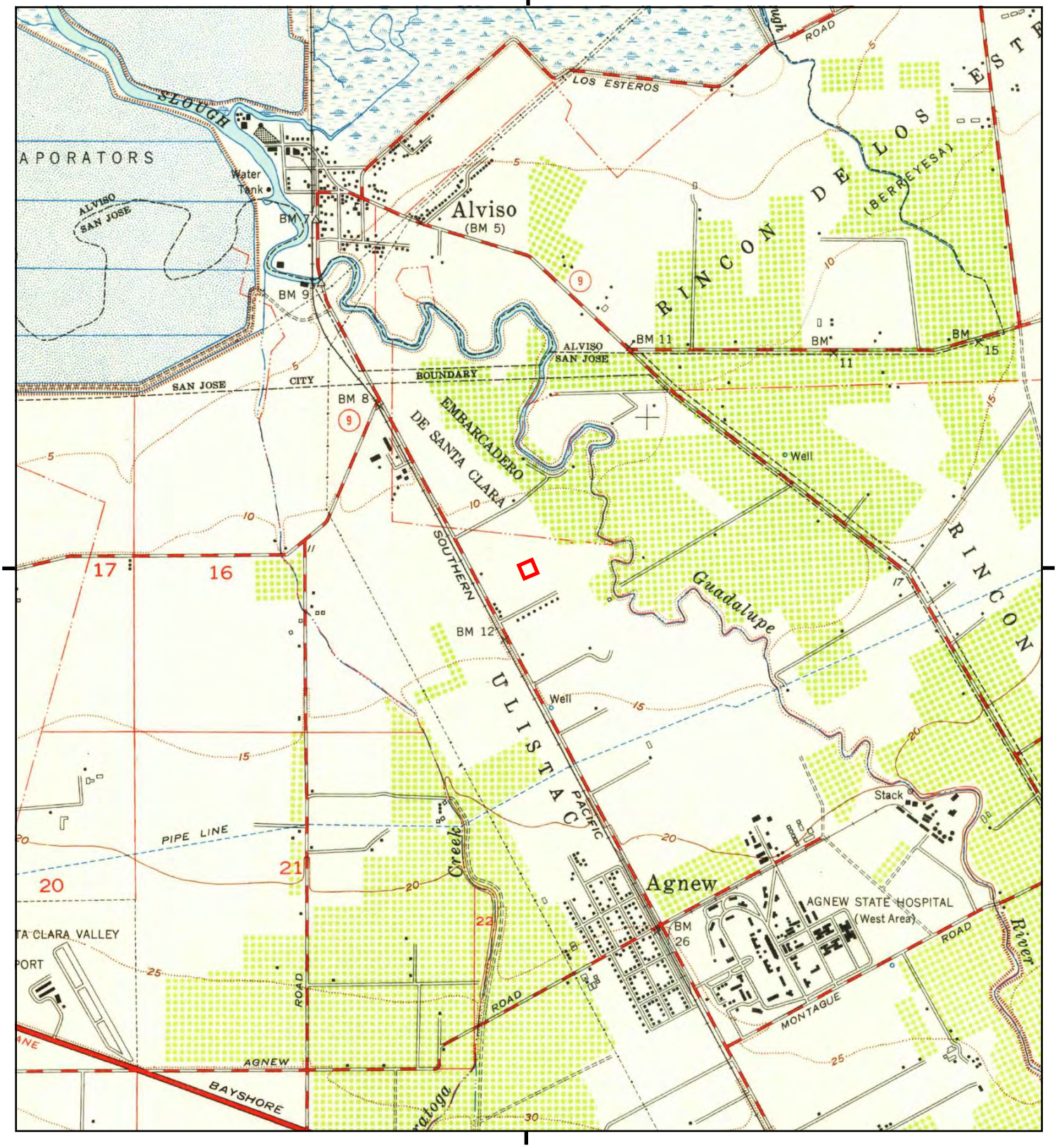
TP, Milpitas, 1961, 7.5-minute

SITE NAME: Parcel 61
ADDRESS: 2303 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Roux Associates Inc

N

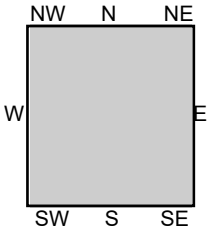
# Historical Topo Map

1953




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



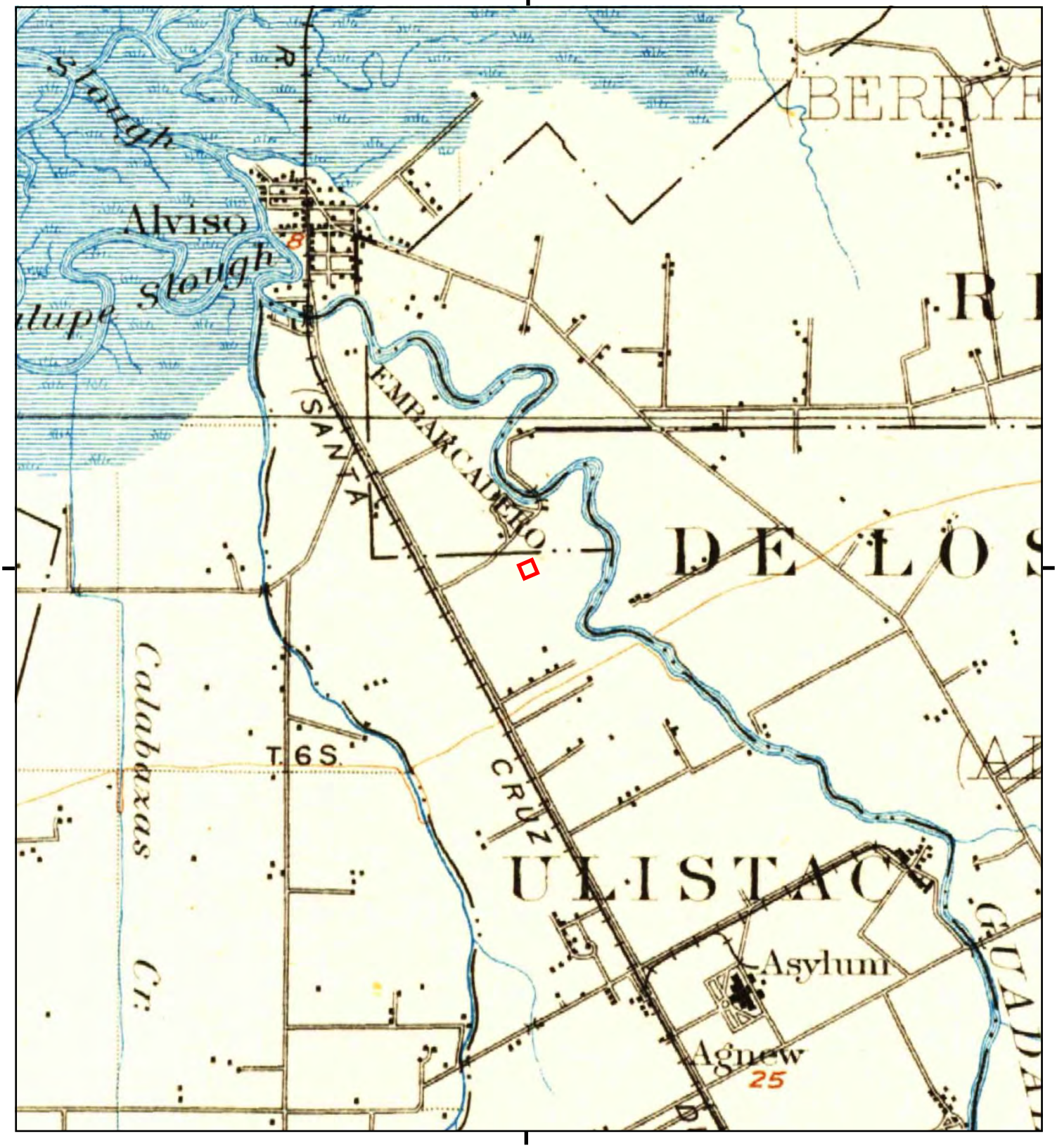

TP, Milpitas, 1953, 7.5-minute

SITE NAME: Parcel 61
ADDRESS: 2303 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Roux Associates Inc

N

# Historical Topo Map

1899




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Jose, 1899, 15-minute

SITE NAME: Parcel 61
ADDRESS: 2303 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Roux Associates Inc

N

# Historical Topo Map

1897

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Jose, 1897, 15-minute

SITE NAME: Parcel 61
ADDRESS: 2303 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Roux Associates Inc

N

# Historical Topo Map

1889

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Jose, 1889, 15-minute

SITE NAME: Parcel 61
ADDRESS: 2303 Calle Del Mundo
Santa Clara, CA 95054
CLIENT: Roux Associates Inc

N

# APPENDIX F

Certified Sanborn Map Report

Parcel 61

2303 Calle Del Mundo

Santa Clara, CA 95054

Inquiry Number: 5536582.3

January 16, 2019

# Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

# Certified Sanborn® Map Report

01/16/19

| Site Name: | Client Name: |
|---|---|
| Parcel 61 | Roux Associates Inc |
| 2303 Calle Del Mundo | 555 12th Street Suite 250 |
| Santa Clara, CA 95054 | Oakland, CA 94607 |
| EDR Inquiry # 5536582.3 | Contact: Rachel Maxwell |

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Roux Associates Inc were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## *Certified Sanborn Results:*

**Certification #** 68B2-460B-9261

**PO #** NA

**Project** Parcel 61

**UNMAPPED PROPERTY**

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 68B2-460B-9261

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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# City Directory Abstract

**Parcel 61**
2303 Calle Del Mundo
Santa Clara, CA 95054

Inquiry Number: 5536582.5
January 16, 2019

# The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

# TABLE OF CONTENTS

## SECTION

**Executive Summary**

**Findings**

**City Directory Images**

***Thank you for your business.***
Please contact EDR at 1-800-352-0050
with any questions or comments.

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# EXECUTIVE SUMMARY

## DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

## RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by infoUSA®

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## RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

| Year | Source | TP | Adjoining | Text Abstract | Source Image |
|---|---|---|---|---|---|
| 2014 | EDR Digital Archive | - | X | X | - |
| | EDR Digital Archive | X | X | X | - |
| 2010 | EDR Digital Archive | - | X | X | - |
| | EDR Digital Archive | X | X | X | - |
| 2006 | Haines Company, Inc. | - | - | - | - |
| 2001 | Haines Company, Inc. | X | X | X | - |
| 2000 | Haines Company | - | - | - | - |
| 1996 | Pacific Bell | X | X | X | - |
| 1991 | PACIFIC BELL WHITE PAGES | - | X | X | - |
| | PACIFIC BELL WHITE PAGES | X | X | X | - |
| 1986 | Pacific Bell | - | X | X | - |
| | Pacific Bell | X | X | X | - |

# EXECUTIVE SUMMARY

| Year | Source | TP | Adjoining | Text Abstract | Source Image |
|---|---|---|---|---|---|
| 1985 | Pacific Bell | - | X | X | - |
| | Pacific Bell | X | X | X | - |
| 1982 | Pacific Telephone | - | X | X | - |
| 1980 | Pacific Telephone | X | X | X | - |
| 1978 | R. L. Polk & Co. | - | - | - | - |
| 1975 | R. L. Polk Co. | - | - | - | - |
| 1974 | R. L. Polk Co. | - | - | - | - |
| 1970 | R. L. Polk Co. | - | - | - | - |
| 1968 | R. L. Polk Co. | - | - | - | - |
| 1966 | R. L. POLK | - | - | - | - |
| 1965 | R. L. Polk Co. | - | - | - | - |
| 1964 | R. L. Polk Co. | - | - | - | - |
| 1963 | Pacific Telephone | - | - | - | - |
| 1962 | R. L. Polk & Co. | - | - | - | - |
| 1960 | R. L. Polk Co. | - | - | - | - |
| 1957 | R. L. Polk Co. | - | - | - | - |
| 1955 | R.L. Polk and Co Publishers | - | - | - | - |
| 1950 | R. L. Polk Co. | - | - | - | - |
| 1946 | R. L. Polk Co. | - | - | - | - |
| 1945 | R. L. Polk Co. | - | - | - | - |
| 1942 | R.L. Polk | - | - | - | - |
| 1940 | R. L. Polk Co. | - | - | - | - |
| 1936 | R. L. Polk Co. | - | - | - | - |
| 1935 | R. L. Polk Co. | - | - | - | - |
| 1931 | R. L. Polk Co. | - | - | - | - |
| 1930 | R. L. Polk Co. of California | - | - | - | - |
| 1926 | R. L. Polk Co. | - | - | - | - |
| 1925 | R. L. Polk Co. | - | - | - | - |
| 1922 | R. L. Polk Co. | - | - | - | - |

# EXECUTIVE SUMMARY

## SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

| ***Address*** | ***Type*** | ***Findings*** |
|---|---|---|
| 2307 Calle Del Mundo | Client Entered | X |
| 2311 Calle Del Mundo | Client Entered | X |
| 2315 Calle Del Mundo | Client Entered | X |
| 2319 Calle Del Mundo | Client Entered | X |
| 2339 Calle Del Mundo | Client Entered | X |
| 2265 Calle Del Mundo | Client Entered | X |
| 2275 Calle Del Mundo | Client Entered | X |
| 2273 Calle Del Mundo | Client Entered | X |

# FINDINGS

## TARGET PROPERTY INFORMATION

### ADDRESS

2303 Calle Del Mundo
Santa Clara, CA 95054

### FINDINGS DETAIL

Target Property research detail.

## CALLE DEL MUNDO

**2303 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1996 | PERMIAN BUILDERS INC | Pacific Bell |
| 1980 | Fletcher Construction Co | Pacific Telephone |

## Calle del Mundo

**2307 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | POWER SUPPLY COMPONENTS INC | EDR Digital Archive |
| 2010 | POWER SUPPLY COMPONENTS INC | EDR Digital Archive |

## Calle Del Mundo

**2307 Calle Del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2001 | PSC ELECTRONICS | Haines Company, Inc. |
| 1996 | LEAT COMPANY PRINTING | Pacific Bell |
| | RUSE KEVIN & ASSOCIATES | Pacific Bell |
| 1991 | G&K METAL FINISHING | PACIFIC BELL WHITE PAGES |
| 1986 | G & K Metal Finishing | Pacific Bell |
| 1985 | G& K METAL FINISHING | Pacific Bell |

## Calle del Mundo

**2311 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | COACH BRAKES | EDR Digital Archive |
| | DURABRAKE CO LLC | EDR Digital Archive |

# FINDINGS

## Calle Del Mundo

### 2311 Calle Del Mundo

| Year | Uses | Source |
|---|---|---|
| 2001 | WACHTEL FASTENING | Haines Company, Inc. |
| 1996 | ADVANCED FASTENING SYSTEMS INC | Pacific Bell |
| | WACHTEL FASTENING SYSTEM | Pacific Bell |
| 1991 | W & W Landscaping & Hauling | PACIFIC BELL WHITE PAGES |
| | Wachtel Co Inc The | PACIFIC BELL WHITE PAGES |

### 2315 Calle Del Mundo

| Year | Uses | Source |
|---|---|---|
| 2001 | SEXTON NMRCLCNTRL | Haines Company, Inc. |
| 1996 | SEXTON NUMERICAL CONTROL | Pacific Bell |
| 1991 | Accu Vac | PACIFIC BELL WHITE PAGES |
| | ACCUVAC | PACIFIC BELL WHITE PAGES |
| | SEXTON NUMERLCAL CONTROL | PACIFIC BELL WHITE PAGES |
| 1985 | C & M PRECISION | Pacific Bell |
| 1980 | C & M Precision | Pacific Telephone |

### 2319 Calle Del Mundo

| Year | Uses | Source |
|---|---|---|
| 2001 | CBLNG | Haines Company, Inc. |
| | COMNONCTMNTWRK | Haines Company, Inc. |
| 1996 | COMMUNICATION NETWORK CABLING | Pacific Bell |
| 1980 | Pleasure Craft Ceramics | Pacific Telephone |

# FINDINGS

## ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

## CALLE DE LUCIA

**2271 CALLE DE LUCIA**

| Year | Uses | Source |
|---|---|---|
| 1980 | Digicon | Pacific Telephone |

## CALLE DE LUNA

**2231 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | SOREXLERSIeaen ELSA | Haines Company, Inc. |
| 1991 | Catalyst Semiconductor Inc | PACIFIC BELL WHITE PAGES |
| | Catalyst Semiconductor Inc | PACIFIC BELL WHITE PAGES |

**2241 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | MASON PROPERTY | Haines Company, Inc. |
| | CONSTRUCTION TECH LAZER MAINTENANCE | Haines Company, Inc. |
| | APPLIED 408 S | Haines Company, Inc. |
| 1996 | MASON PROPERTY COMPANY INC THE | Pacific Bell |

**2258 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1980 | Century Plastics | Pacific Telephone |

## Calle de Luna

**2260 Calle de Luna**

| Year | Uses | Source |
|---|---|---|
| 2014 | DE CARLI SHEET METAL INC | EDR Digital Archive |
| | DE CARLI SHEET METAL INC | EDR Digital Archive |
| 2010 | DE CARLI SHEET METAL INC | EDR Digital Archive |
| | DE CARLI SHEET METAL INC | EDR Digital Archive |

# FINDINGS

## CALLE DE LUNA

### 2260 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | DECARLISHEETMETAL | Haines Company, Inc. |
| 1996 | DE CARLI SHEETMETAL INC | Pacific Bell |
| 1991 | De Carli Sheetmetal Inc | PACIFIC BELL WHITE PAGES |
| 1986 | De Carli Sheetmetal Inc | Pacific Bell |
| 1980 | Cal Welding | Pacific Telephone |
| | De Carli Sheetmetal Inc | Pacific Telephone |

## Calle de Luna

### 2262 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2014 | BAY AREA FORKLIFT | EDR Digital Archive |
| | BAY AREA FORKLIFT | EDR Digital Archive |

## CALLE DE LUNA

### 2262 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1980 | Clark Precision Sheet Metal Co | Pacific Telephone |

### 2264 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | WESTVLY PRECISION | Haines Company, Inc. |
| 1996 | WEST VALLEY PRECISION INC | Pacific Bell |
| 1991 | West Valley Precision Inc | PACIFIC BELL WHITE PAGES |
| 1986 | Altatron Inc | Pacific Bell |
| 1980 | Stamford Wallpaper Co | Pacific Telephone |

## Calle de Luna

### 2266 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2010 | ABU-ROBERTO GUN DRILLING | EDR Digital Archive |
| | ABU-ROBERTO GUN DRILLING | EDR Digital Archive |

# FINDINGS

## CALLE DE LUNA

### 2268 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1980 | De Anna Manufacturing Services Inc | Pacific Telephone |

### 2270 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 1996 | L C SERVICE INC | Pacific Bell |

## Calle de Luna

### 2271 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2014 | 420LIFESTYLES CORPORATION | EDR Digital Archive |
| | 420LIFESTYLES CORPORATION | EDR Digital Archive |
| 2010 | DOUBLE PRECISION MFG | EDR Digital Archive |
| | DOUBLE PRECISION MFG | EDR Digital Archive |

## CALLE DE LUNA

### 2271 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | DOUBLE PRECISION | Haines Company, Inc. |
| 1996 | DOUBLE PRECISION MANUFACTURING | Pacific Bell |
| 1991 | Double Precision Manufacturing | PACIFIC BELL WHITE PAGES |
| 1986 | Abacus Machining & Mechanical Assembly Inc | Pacific Bell |
| 1980 | Dusan | Pacific Telephone |

## Calle de Luna

### 2272 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2014 | COATEK INC | EDR Digital Archive |
| | COATEK INC | EDR Digital Archive |
| 2010 | COATEK INC | EDR Digital Archive |
| | COATEK INC | EDR Digital Archive |

# FINDINGS

## CALLE DE LUNA

**2272 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1996 | COATEK INC | Pacific Bell |
| 1980 | Microcomputer Power Inc | Pacific Telephone |

## Calle de Luna

**2273 Calle de Luna**

| Year | Uses | Source |
|---|---|---|
| 2014 | DOUBLE PRECISION MFG | EDR Digital Archive |
| | DOUBLE PRECISION MFG | EDR Digital Archive |

## CALLE DE LUNA

**2273 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1996 | LOOMIS & SORIA INC | Pacific Bell |
| | CONCRETE CONTRACTORS | Pacific Bell |
| 1986 | Loomis & Soria Inc Concrete Contractors | Pacific Bell |

## Calle de Luna

**2275 Calle de Luna**

| Year | Uses | Source |
|---|---|---|
| 2014 | TRI DELTA ENGINEERING INC | EDR Digital Archive |
| | TRI DELTA ENGINEERING INC | EDR Digital Archive |
| 2010 | TRI DELTA ENGINEERING INC | EDR Digital Archive |
| | TRI DELTA ENGINEERING INC | EDR Digital Archive |

## CALLE DE LUNA

**2275 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | TRI DELTA | Haines Company, Inc. |
| 1996 | TRI DELTA | Pacific Bell |
| 1986 | Tri Delta | Pacific Bell |

# FINDINGS

## Calle de Luna

**2276 Calle de Luna**

| Year | Uses | Source |
|---|---|---|
| 2010 | COATEK INC | EDR Digital Archive |
| | COATEK INC | EDR Digital Archive |

**2277 Calle de Luna**

| Year | Uses | Source |
|---|---|---|
| 2014 | QUALITY MACHINE SHOP | EDR Digital Archive |
| | ALL PARTY RENTALS | EDR Digital Archive |
| | ALL PARTY RENTALS | EDR Digital Archive |
| | QUALITY MACHINE SHOP | EDR Digital Archive |
| 2010 | ALL PARTY RENTALS | EDR Digital Archive |
| | ALL PARTY RENTALS | EDR Digital Archive |

## CALLE DE LUNA

**2277 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1991 | Licari Manufacturing | PACIFIC BELL WHITE PAGES |
| | Silicon Valley Welding Co | PACIFIC BELL WHITE PAGES |
| 1986 | Licari Manufacturing | Pacific Bell |
| 1980 | COMPONENT FINISHING INC | Pacific Telephone |

## Calle de Luna

**2278 Calle de Luna**

| Year | Uses | Source |
|---|---|---|
| 2014 | LUH LLC | EDR Digital Archive |
| | NEO CENTURY INTERNATIONAL LLC | EDR Digital Archive |
| | NEO CENTURY INTERNATIONAL LLC | EDR Digital Archive |
| | LUH LLC | EDR Digital Archive |
| 2010 | LUH LLC | EDR Digital Archive |
| | NEO CENTURY INTERNATIONAL LLC | EDR Digital Archive |
| | LUH LLC | EDR Digital Archive |
| | NEO CENTURY INTERNATIONAL LLC | EDR Digital Archive |

# FINDINGS

## CALLE DE LUNA

### 2278 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 1986 | Pyco Enterprises Inc | Pacific Bell |
| 1980 | Production Printing Inc | Pacific Telephone |

## Calle de Luna

### 2281 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2014 | TASMAN COMPANY LLC | EDR Digital Archive |
| | INTA TECHNOLOGIES CORPORATION | EDR Digital Archive |
| | INTA TECHNOLOGIES CORPORATION | EDR Digital Archive |
| | TASMAN COMPANY LLC | EDR Digital Archive |
| 2010 | LFI MACHINING INC | EDR Digital Archive |
| | INTA TECHNOLOGIES CORPORATION | EDR Digital Archive |
| | INTA TECHNOLOGIES CORPORATION | EDR Digital Archive |
| | LFI MACHINING INC | EDR Digital Archive |

## CALLE DE LUNA

### 2281 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | MASON Norman XOFTMICROTUBE | Haines Company, Inc. |
| 1991 | INTA | PACIFIC BELL WHITE PAGES |
| | International Technical Associates | PACIFIC BELL WHITE PAGES |
| 1986 | International Technical Associates | Pacific Bell |

### 2300 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1986 | B & C LITHOGRAPHERS INC | Pacific Bell |

## Calle de Luna

### 2301 Calle de Luna

| Year | Uses | Source |
|---|---|---|
| 2014 | ONSHORE PRECISION MFG INC | EDR Digital Archive |
| | ONSHORE PRECISION MFG INC | EDR Digital Archive |
| 2010 | ONSHORE MFG INC | EDR Digital Archive |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 2010 | ONSHORE MFG INC | EDR Digital Archive |

## CALLE DE LUNA

### 2301 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | D&H MANUFACTURING | Haines Company, Inc. |
| | COMPANY | Haines Company, Inc. |
| | WILLS Richard | Haines Company, Inc. |
| 1996 | D & H | Pacific Bell |
| | MANUFACTURING COMPANY | Pacific Bell |
| 1991 | D & H Manufacturing Company | PACIFIC BELL WHITE PAGES |
| 1986 | D & H Mfg Co | Pacific Bell |

### 2309 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | W 1 LLS Richard | Haines Company, Inc. |
| 1980 | Al A Associates | Pacific Telephone |
| | A & H Renovations P | Pacific Telephone |

### 2317 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | PROGRAM | Haines Company, Inc. |
| | AMALARALUM | Haines Company, Inc. |
| | BRAZING NTMA | Haines Company, Inc. |
| | APPRENTICESHIP | Haines Company, Inc. |
| | WILLS Richard | Haines Company, Inc. |
| 1996 | AMALAR ALUMINUM DIP BRAZING | Pacific Bell |
| | NTM A | Pacific Bell |
| | APPRENTICESHIP PROGRAM | Pacific Bell |
| 1991 | Amalar Aluminum Dip Brazing | PACIFIC BELL WHITE PAGES |
| 1986 | Universal technology International | Pacific Bell |

### 2318 CALLE DE LUNA

| Year | Uses | Source |
|---|---|---|
| 2001 | PARAGON | Haines Company, Inc. |
| | ELECTRONIC SYSTEMS | Haines Company, Inc. |
| 1996 | PARAGON INC | Pacific Bell |
| 1991 | Paragon Inc | PACIFIC BELL WHITE PAGES |
| 1986 | Paragon Inc | Pacific Bell |

# FINDINGS

**2325 CALLE DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 2001 | P 1 VK Leopold | Haines Company, Inc. |
| 1982 | Anacomp Micrographics | Pacific Telephone |
| | AN EYE FOR BEAUTY | Pacific Telephone |

## Calle del Mundo

**2232 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | ITALIX COMPANY INC | EDR Digital Archive |
| 2010 | ITALIX COMPANY INC | EDR Digital Archive |
| | RAAF LLC | EDR Digital Archive |

## CALLE DEL MUNDO

**2232 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | ITALIXCODN C | Haines Company, Inc. |
| 1996 | ITALIX CO INC | Pacific Bell |
| 1991 | ITAUXCOINC | PACIFIC BELL WHITE PAGES |
| 1986 | ITALIX CO INC | Pacific Bell |
| 1980 | Italix | Pacific Telephone |

## Calle del Mundo

**2233 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | ALTA MICROTEC INC | EDR Digital Archive |
| | TMK MANUFACTURING INC | EDR Digital Archive |
| | VENTURE MANUFACTURING GROUP | EDR Digital Archive |
| 2010 | DELTA PACIFIC PRODUCTS INC | EDR Digital Archive |
| | TMK MANUFACTURING INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2233 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | DELTA PACIFIC | Haines Company, Inc. |
| | SSCHULZWerner | Haines Company, Inc. |
| 1996 | DELTA PACIFIC PRODUCTS INC | Pacific Bell |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1991 | M OS Tool & Engineering Co | PACIFIC BELL WHITE PAGES |
| | MOS Plastics Inc | PACIFIC BELL WHITE PAGES |
| 1986 | M O S Tool & Engineering Co | Pacific Bell |
| | MOS Plastics Inc | Pacific Bell |

**2234 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1986 | Gyrex Corp | Pacific Bell |
| 1980 | Gyrex Corp | Pacific Telephone |

**2236 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |

**2238 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |

**2240 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1996 | BAYWOOD ENTERPRISES | Pacific Bell |
| 1986 | Accu Cad | Pacific Bell |

## Calle del Mundo

**2242 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | AK TECH USA | EDR Digital Archive |
| | XYNASURE INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2242 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1980 | Ability Welding | Pacific Telephone |

**2244 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1996 | BEAM ON TECHNOLOGY CORP | Pacific Bell |
| | BEAM ON TECHNOLOGY CORP | Pacific Bell |

# FINDINGS

## Calle del Mundo

**2246 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | KINA ENGINEERING INC | EDR Digital Archive |
| 2010 | KINA ENGINEERING INC | EDR Digital Archive |
| | SHAKALA COMMUNICATIONS INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2246 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1986 | Tanthap Inc | Pacific Bell |
| 1980 | E S N Electronic Sheet Metal | Pacific Telephone |

## Calle del Mundo

**2262 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | NU -METAL FINISHING INC | EDR Digital Archive |
| 2010 | NU-METAL FINISHING INC | EDR Digital Archive |
| | M2S ASSOC LLC | EDR Digital Archive |

## CALLE DEL MUNDO

**2262 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | NU METAL FINISHING | Haines Company, Inc. |
| 1996 | NU METAL FINISHING INC | Pacific Bell |
| 1986 | NU METAL FINISHING INC | Pacific Bell |

**2263 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | HOWELL ELECTRIC | Haines Company, Inc. |
| 1996 | HOWELL ELECTRIC INC | Pacific Bell |
| 1991 | COS | PACIFIC BELL WHITE PAGES |
| 1986 | Cofer Component Processing | Pacific Bell |

# FINDINGS

## Calle del Mundo

**2265 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | CENTERLINE PRECISION INC | EDR Digital Archive |
| 2010 | CENTERLINE PRECISION INC | EDR Digital Archive |

## Calle Del Mundo

**2265 Calle Del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1996 | RNS MECHANICAL INC | Pacific Bell |
| 1991 | I RN S Mechanical Inc | PACIFIC BELL WHITE PAGES |
| | RNR MACHINING | PACIFIC BELL WHITE PAGES |
| 1986 | REGCO PLUMBING INCORPORATED | Pacific Bell |
| 1985 | REGCO PLUMBING INCORPORATED | Pacific Bell |

## Calle del Mundo

**2272 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | TRUE SOLAR USA INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2272 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | BEAM ON | Haines Company, Inc. |
| | TECHNOLOGYCORP | Haines Company, Inc. |
| | MIAO Yi | Haines Company, Inc. |
| 1996 | SEMICONDUCTOR SCS EOUIPMENT | Pacific Bell |
| | SANTA CLARA | Pacific Bell |
| | CORION INDUSTRIAL CORP USA | Pacific Bell |
| | TAURA KAKEN CORP | Pacific Bell |
| 1986 | Window Fashions By Cardell | Pacific Bell |
| | WINDOW FASHIONS BY CARDELL | Pacific Bell |
| | Venetian Blind Systems Corp | Pacific Bell |

# FINDINGS

## Calle del Mundo

**2273 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | GLOBAL ELECTRONIC MFG CO | EDR Digital Archive |
| | BIG BEAR AUTOMATION | EDR Digital Archive |
| 2010 | BIG BEAR AUTOMATION | EDR Digital Archive |
| | GLOBAL ELECTRONIC MFG CO | EDR Digital Archive |

## CALLE DEL MUNDO

**2273 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | S&SPRE PRESS | Haines Company, Inc. |

## Calle Del Mundo

**2273 Calle Del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2001 | S&SPRE PRESS | Haines Company, Inc. |
| 1996 | Z TECH T E | Pacific Bell |

## CALLE DEL MUNDO

**2273 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1996 | Z TECH T E | Pacific Bell |
| 1991 | Veco Custom Optics Inc | PACIFIC BELL WHITE PAGES |
| | ES Coating | PACIFIC BELL WHITE PAGES |

## Calle Del Mundo

**2273 Calle Del Mundo**

| Year | Uses | Source |
|---|---|---|
| 1991 | VECO CUSTOM OPTICS INC | PACIFIC BELL WHITE PAGES |
| | E S COATING SANTA CLARA 748 02 | PACIFIC BELL WHITE PAGES |
| | ES Coating | PACIFIC BELL WHITE PAGES |
| | Veco Custom Optics Inc | PACIFIC BELL WHITE PAGES |
| 1986 | Veco Custom Optics Inc | Pacific Bell |

# FINDINGS

## CALLE DEL MUNDO

**2273 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1986 | Veco Custom Optics Inc | Pacific Bell |

## Calle Del Mundo

**2273 Calle Del Mundo**

| Year | Uses | Source |
|---|---|---|
| 1985 | PLAS-TEX ENTERPRISES | Pacific Bell |

## Calle del Mundo

**2275 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | CLARK PRECISION SHEETMETAL | EDR Digital Archive |
| 2010 | CLARK PRECISION SHEETMETAL | EDR Digital Archive |

## Calle Del Mundo

**2275 Calle Del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2001 | CLARKPRCSNSHT | Haines Company, Inc. |

## CALLE DEL MUNDO

**2275 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | CLARKPRCSNSHT | Haines Company, Inc. |

## Calle Del Mundo

**2275 Calle Del Mundo**

| Year | Uses | Source |
|---|---|---|
| 1996 | CLARK PRECISION SHEETMETALINC | Pacific Bell |

## CALLE DEL MUNDO

**2275 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1996 | CLARK PRECISION SHEETMETALINC | Pacific Bell |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1991 | CLARK PRECISION SHEET METAL CO | PACIFIC BELL WHITE PAGES |

## Calle Del Mundo

**2275 Calle Del Mundo**

| Year | Uses | Source |
|---|---|---|
| 1991 | CLARK PRE CIS ION S HE E T ME TAL CO | PACIFIC BELL WHITE PAGES |
| | CLARK PRECISION SHEET METAL CO | PACIFIC BELL WHITE PAGES |
| 1986 | CLARK PRECISION SHEET METAL CO | Pacific Bell |
| | Future Mill Precision Machining | Pacific Bell |

## CALLE DEL MUNDO

**2275 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1986 | CLARK PRECISION SHEET METAL CO | Pacific Bell |
| | Future Mill Precision Machining | Pacific Bell |

## Calle Del Mundo

**2275 Calle Del Mundo**

| Year | Uses | Source |
|---|---|---|
| 1985 | FUTURE MILL PRECISION MACHINING | Pacific Bell |

## Calle del Mundo

**2302 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2010 | RAHIMA FOUNDATION | EDR Digital Archive |
| | RAHIMA INTL FOUNDATION | EDR Digital Archive |

## CALLE DEL MUNDO

**2302 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | PRINTING | Haines Company, Inc. |
| | SMAZZUCO Viclor | Haines Company, Inc. |
| | LEATCOMPANY | Haines Company, Inc. |
| 1996 | CENTURY GRAPHICS | Pacific Bell |
| 1991 | Century Graphics | PACIFIC BELL WHITE PAGES |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1986 | Century Graphics | Pacific Bell |

## Calle del Mundo

**2304 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2010 | ALL PROFESSIONALS AUTO CARE | EDR Digital Archive |

## CALLE DEL MUNDO

**2304 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | PSC ELECTRONICS | Haines Company, Inc. |
| | PSC ELECTRONICS | Haines Company, Inc. |
| 1996 | INSTRUMENT GRAPHICS | Pacific Bell |
| 1991 | Instrument Graphics | PACIFIC BELL WHITE PAGES |
| 1986 | AMERICAN PRECISION SPRING CORP | Pacific Bell |
| 1980 | Bills Plastics | Pacific Telephone |

**2312 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1986 | Motorola tnc Display Monitors | Pacific Bell |
| 1980 | Motorola Inc Display Products | Pacific Telephone |

## Calle del Mundo

**2314 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | DRY FORCE | EDR Digital Archive |
| 2010 | GREEN CONTRACTING GROUP INC | EDR Digital Archive |
| | EJA BUILDERS INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2314 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1996 | MARKETING RESPONSE SYSTEMS | Pacific Bell |
| 1991 | MARKETING RESPONSE SYSTEMS | PACIFIC BELL WHITE PAGES |
| 1986 | MARKETING RESPONSE SYSTEMS | Pacific Bell |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1980 | Kesterson Machine Products Inc | Pacific Telephone |

## Calle del Mundo

**2322 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | L P GLASSBLOWING INC | EDR Digital Archive |
| 2010 | L P GLASSBLOWING INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2322 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | PIVK Leopold | Haines Company, Inc. |
| | LPGLASSBLOWING | Haines Company, Inc. |
| 1996 | L P GLASSBLOWING INC | Pacific Bell |
| 1986 | L P Glassblowing Inc | Pacific Bell |

**2323 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | WATTS Douglas | Haines Company, Inc. |
| 1996 | CELAN TECHNOLOGY INC | Pacific Bell |
| | NETPLEXINC | Pacific Bell |
| 1991 | Access | PACIFIC BELL WHITE PAGES |
| | ABCs | PACIFIC BELL WHITE PAGES |
| | Access | PACIFIC BELL WHITE PAGES |
| | ccess Business Communications Success | PACIFIC BELL WHITE PAGES |
| 1986 | C & M Precision | Pacific Bell |
| 1980 | De Anza Glasss Inc | Pacific Telephone |

**2324 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |

**2325 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1996 | CREATIVE SIGN CO | Pacific Bell |

# FINDINGS

**2330 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | SKAISERHorst L P GLASSBLOWING | Haines Company, Inc. |
| 1996 | TECHNO MOLD & MACHINING INC | Pacific Bell |
| 1991 | Cirtex | PACIFIC BELL WHITE PAGES |
| | Sales | PACIFIC BELL WHITE PAGES |
| 1986 | Cirtex International | Pacific Bell |
| | Cadventures | Pacific Bell |
| 1980 | CDA | Pacific Telephone |

**2331 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |

## Calle del Mundo

**2338 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | PAIN MANAGEMENT & ACUPNCTRE | EDR Digital Archive |
| | CHINESE MDICNE HLTH REHAB CTR | EDR Digital Archive |
| | YANG CHIROPRACTIC & REHAB | EDR Digital Archive |
| 2010 | CHINESE MDICNE HLTH REHAB CTR | EDR Digital Archive |

## CALLE DEL MUNDO

**2338 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | BOEHMWi MWdlam HONDA ACURA REPAIR | Haines Company, Inc. |
| | W&K AUTOMOTIVE | Haines Company, Inc. |
| | ACURAHONDA REPAIR | Haines Company, Inc. |
| 1996 | A IN BOX AUTOMATION | Pacific Bell |
| | W & K AUTOMOTIVE | Pacific Bell |
| 1991 | W & K Automotive | PACIFIC BELL WHITE PAGES |
| | Warren Associates | PACIFIC BELL WHITE PAGES |
| 1986 | Warren Associates | Pacific Bell |
| 1980 | Warren Associates | Pacific Telephone |

# FINDINGS

## Calle del Mundo

**2339 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | WATTS MACHINING INC | EDR Digital Archive |
| 2010 | WATTS MACHINING INC | EDR Digital Archive |

## Calle Del Mundo

**2339 Calle Del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2001 | WATTS MACHINING | Haines Company, Inc. |
| 1996 | DESIGN SIGNS S | Pacific Bell |
| 1991 | C | PACIFIC BELL WHITE PAGES |
| | C | PACIFIC BELL WHITE PAGES |
| 1986 | Sprout Jay D Co Inc | Pacific Bell |
| 1985 | SPROUT JAY D CO INC | Pacific Bell |
| 1980 | Crown Circuits Inc | Pacific Telephone |

## Calle del Mundo

**2343 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | ALZETA CORPORATION | EDR Digital Archive |
| 2010 | ALZETA CORPORATION | EDR Digital Archive |

## CALLE DEL MUNDO

**2343 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | ALZETACORP | Haines Company, Inc. |
| 1996 | ALZETA CORP | Pacific Bell |
| 1991 | Alzeta Corp | PACIFIC BELL WHITE PAGES |
| 1986 | Alzeta Corp | Pacific Bell |

## Calle del Mundo

**2346 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | GENES MACHINING | EDR Digital Archive |
| | EHW ENTERPRISES INC | EDR Digital Archive |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 2010 | EHW ENTERPRISES INC | EDR Digital Archive |
| | GENES MACHINING | EDR Digital Archive |

## CALLE DEL MUNDO

**2346 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | SWILSON Eugene | Haines Company, Inc. |
| | GENES MACHINING | Haines Company, Inc. |
| 1991 | Cirtex | PACIFIC BELL WHITE PAGES |
| | Production | PACIFIC BELL WHITE PAGES |
| 1986 | Sales | Pacific Bell |
| | Cirtex | Pacific Bell |
| | Cirtex | Pacific Bell |
| | Production | Pacific Bell |

## Calle del Mundo

**2348 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | TWBD INC | EDR Digital Archive |

## CALLE DEL MUNDO

**2348 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | MAXPOL PRECISION | Haines Company, Inc. |
| | S 8 HAIGAVAAnvin | Haines Company, Inc. |
| | MACHINING | Haines Company, Inc. |
| 1996 | MAXPOL PRECISION MACHINING | Pacific Bell |
| 1980 | Noack Ronald K | Pacific Telephone |

## Calle del Mundo

**2354 Calle del Mundo**

| Year | Uses | Source |
|---|---|---|
| 2014 | ASA SERVERS | EDR Digital Archive |

# FINDINGS

## CALLE DEL MUNDO

### 2354 CALLE DEL MUNDO

| Year | Uses | Source |
|---|---|---|
| 1991 | Fong B&8 | PACIFIC BELL WHITE PAGES |
| | Fang Bros Printing Inc | PACIFIC BELL WHITE PAGES |
| 1986 | Fong Bros Printing Inc | Pacific Bell |

## Calle del Mundo

### 2361 Calle del Mundo

| Year | Uses | Source |
|---|---|---|
| 2014 | CAPELLA MICROSYSTEMS INC | EDR Digital Archive |
| | CAPELLA MICROSYSTEMS INC | EDR Digital Archive |
| 2010 | CAPELLA MICROSYSTEMS INC | EDR Digital Archive |
| | CAPELLA MICROSYSTEMS INC | EDR Digital Archive |

### 2363 Calle del Mundo

| Year | Uses | Source |
|---|---|---|
| 2014 | INTELLIGENT FIBER OPTIC SYSTEM | EDR Digital Archive |
| | IFOS INC | EDR Digital Archive |
| | IFOS INC | EDR Digital Archive |
| | INTELLIGENT FIBER OPTIC SYSTEM | EDR Digital Archive |
| 2010 | INTELLIGENT FIBER OPTIC SYSTEM | EDR Digital Archive |
| | FSOS | EDR Digital Archive |
| | IFOS INC | EDR Digital Archive |
| | INTELLIGENT FIBER OPTIC SYSTEM | EDR Digital Archive |
| | FSOS | EDR Digital Archive |
| | IFOS INC | EDR Digital Archive |

## CALLE DEL MUNDO

### 2363 CALLE DEL MUNDO

| Year | Uses | Source |
|---|---|---|
| 2001 | SIDEMARK | Haines Company, Inc. |
| | a DESIGMMARK | Haines Company, Inc. |
| 1996 | CORPORATE FURNITURE | Pacific Bell |
| | SIDEMARK | Pacific Bell |
| 1986 | Digital Microwave Corporation | Pacific Bell |

# FINDINGS

**2365 CALLE DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 2001 | XXXX | Haines Company, Inc. |
| 1996 | CCT LASER SERVICES | Pacific Bell |

## DE LUNA

**2231 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | CATALYST SEMICONDUCTOR INC | PACIFIC BELL WHITE PAGES |
| | CATALYST SEMICONDUCTOR INC | PACIFIC BELL WHITE PAGES |
| 1985 | SANTA CRUZ COMPUTER INC | Pacific Bell |
| | CMI | Pacific Bell |
| | COMPUTER HABITAT | Pacific Bell |
| | SOUTHWEST AUTOMATION | Pacific Bell |
| | DOCUTRIEVE | Pacific Bell |
| | IMPART CORP | Pacific Bell |
| | ONTTNTRAL | Pacific Bell |
| | DATA SERVICES INC | Pacific Bell |
| | PERSONETICS | Pacific Bell |

**2260 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | DE CARLI SHEETMETAL INC | PACIFIC BELL WHITE PAGES |
| 1985 | DE CARLI SHEETMETAL INC | Pacific Bell |

**2264 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | WEST VALLEY PRECISION INC | PACIFIC BELL WHITE PAGES |
| 1985 | ALTATRON INC | Pacific Bell |

**2271 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | DOUBLE PRECISION MANUFACTURING | PACIFIC BELL WHITE PAGES |
| 1985 | ABACUS MACHINING & MECHANICAL ASSEMBLY INC | Pacific Bell |

**2272 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1985 | RAND COR INTERNATIONAL | Pacific Bell |

# FINDINGS

**2273 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1985 | LOOMIS & SORIA INC CONCRETE CONTRACTORS | Pacific Bell |

**2277 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | LICARI MANUFACTURING | PACIFIC BELL WHITE PAGES |
| | SILICON VALLEY WELDING CO | PACIFIC BELL WHITE PAGES |
| 1985 | LICARI MANUFACTURING | Pacific Bell |

**2278 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1985 | PYCO ENTERPRISES INC | Pacific Bell |

**2281 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | INTERNATIONAL TECHNICAL ASSOCIATES | PACIFIC BELL WHITE PAGES |

**2301 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | D & H MANUFACTURING COMPANY | PACIFIC BELL WHITE PAGES |
| 1985 | D & H MFG CO | Pacific Bell |

**2309 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1985 | AMERICAN COMPUTER PRODUCTS | Pacific Bell |
| | CIRTEX | Pacific Bell |

**2317 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | AMALAR ALUMINUM DIP BRAZING | PACIFIC BELL WHITE PAGES |
| 1985 | UNIVERSAL TECHNOLOGY INTERNATIONAL | Pacific Bell |

**2318 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1991 | PARAGON INC SANTA CLARA 727 88 | PACIFIC BELL WHITE PAGES |
| 1985 | PARAGON INC | Pacific Bell |

**2325 DE LUNA**

| Year | Uses | Source |
|---|---|---|
| 1985 | DATACORP-DIVISION OF KALVAR | Pacific Bell |

## DEL MUNDO

**2232 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1985 | TALIX | Pacific Bell |

**2233 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | M OS TOOL & ENGINEERING CO | PACIFIC BELL WHITE PAGES |
| | MOS PLASTICS INC | PACIFIC BELL WHITE PAGES |
| 1985 | M 0 S TOOL & ENGINEERING CO | Pacific Bell |
| | MOS PLASTICS INC | Pacific Bell |

**2234 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1985 | GYREX CORP | Pacific Bell |

**2246 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | SCREEN MANUFACTURING TECHNOLOGIES | PACIFIC BELL WHITE PAGES |

**2262 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | N KRME IMAGE | PACIFIC BELL WHITE PAGES |
| 1985 | NU-METAL FINISHING INC | Pacific Bell |

**2263 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | COS | PACIFIC BELL WHITE PAGES |
| 1985 | COFER COMPONENT PROCESSING | Pacific Bell |

**2272 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1985 | WINDOW FASHIONS BY CARDELL | Pacific Bell |
| | VENETIAN BLIND SYSTEMS CORP | Pacific Bell |

# FINDINGS

**2273 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | VECO CUSTOM OPTICS INC | PACIFIC BELL WHITE PAGES |
| | E S COATING SANTA CLARA 748 02 | PACIFIC BELL WHITE PAGES |
| 1985 | PLAS-TEX ENTERPRISES | Pacific Bell |

**2275 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | CLARK PRE CIS ION S HE E T ME TAL CO | PACIFIC BELL WHITE PAGES |
| 1985 | FUTURE MILL PRECISION MACHINING | Pacific Bell |

**2302 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | CENTURY GRAPHICS | PACIFIC BELL WHITE PAGES |
| 1985 | CENTUIY GRAPHICS | Pacific Bell |

**2304 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | INSTRUMENT GRAPHICS SANTA CLARA 727 565 | PACIFIC BELL WHITE PAGES |
| 1985 | AMERICAN PRECISION SPRING CORP | Pacific Bell |

**2312 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1985 | MOTOROLA INC DISPLAY PRODUCTS | Pacific Bell |

**2314 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | MARKE TIN G RE S PON S E S YS TE MS | PACIFIC BELL WHITE PAGES |
| 1985 | MARKETING RESPONSE SYSTEMS | Pacific Bell |

**2322 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1985 | L P GLASSBLOWING INC | Pacific Bell |

**2323 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | ABC S | PACIFIC BELL WHITE PAGES |
| | ACCESS | PACIFIC BELL WHITE PAGES |
| | ACCESS | PACIFIC BELL WHITE PAGES |
| 1985 | MODTECH MANUFACTURING CO | Pacific Bell |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1985 | CAP-DAN | Pacific Bell |

**2327 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | US K MANUFACTURING | PACIFIC BELL WHITE PAGES |
| 1985 | SUN CIRCUITS | Pacific Bell |

**2330 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | THETICS TECHNOLOGY CO | PACIFIC BELL WHITE PAGES |
| | CIRTEX | PACIFIC BELL WHITE PAGES |
| 1985 | CIRTEX INTERNATIONAL | Pacific Bell |
| | TUNZI DEVELOPMENT CO | Pacific Bell |
| | CADVENTURES | Pacific Bell |
| | CIRCABCO ASSOCIATES | Pacific Bell |
| | CDA | Pacific Bell |

**2338 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | W & K AUTOMOTIVE | PACIFIC BELL WHITE PAGES |
| | WARREN ASSOCIATES | PACIFIC BELL WHITE PAGES |
| 1985 | WARREN ASSOCIATES | Pacific Bell |

**2343 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | ALZETA CORP | PACIFIC BELL WHITE PAGES |
| 1985 | ALZETA CORP | Pacific Bell |

**2346 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | CIRTEX | PACIFIC BELL WHITE PAGES |
| 1985 | CIRTEX | Pacific Bell |

**2354 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1991 | FANG BROS PRINTING INC | PACIFIC BELL WHITE PAGES |
| 1985 | FONG BROS PRINTING INC | Pacific Bell |

**2363 DEL MUNDO**

| Year | Uses | Source |
|---|---|---|
| 1985 | DIGITAL MICROWAVE CORPORATION | Pacific Bell |

# FINDINGS

## LA FAYETTE ST

### 5191 LA FAYETTE ST

| Year | Uses | Source |
|---|---|---|
| 2001 | e SHEBBYMar II | Haines Company, Inc. |

### 5201 LA FAYETTE ST

| Year | Uses | Source |
|---|---|---|
| 2001 | TECH ELECTRIC | Haines Company, Inc. |

## LAFAYETTE

### 5201 LAFAYETTE

| Year | Uses | Source |
|---|---|---|
| 1996 | TECH ELECTRIC | Pacific Bell |

## LAFAYETTE ST

### 5191 LAFAYETTE ST

| Year | Uses | Source |
|---|---|---|
| 1986 | Sun Circuits | Pacific Bell |
| 1985 | SUN CIRCUITS | Pacific Bell |

### 5201 LAFAYETTE ST

| Year | Uses | Source |
|---|---|---|
| 1991 | TE CH E LE CTRIC AS S OCIATE S IN C | PACIFIC BELL WHITE PAGES |
| 1985 | TECH ELECTRIC ASSOCIATES INC | Pacific Bell |

## LAFAYETTE WAY

### 5201 LAFAYETTE WAY

| Year | Uses | Source |
|---|---|---|
| 1991 | TECH ELECTRIC ASSOCIATES INC | PACIFIC BELL WHITE PAGES |

# FINDINGS

## ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2231 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2231 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2232 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2232 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2232 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2233 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2233 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2233 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2234 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1996, 1991, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2234 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2236 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2238 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2240 CALLE DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2241 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2242 CALLE DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2242 Calle del Mundo | 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2244 CALLE DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2246 CALLE DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2246 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2246 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2258 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2260 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2260 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2260 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2260 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2262 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2262 Calle de Luna | 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2262 Calle de Luna | 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2262 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2262 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2262 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2263 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2263 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2264 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2264 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2265 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2265 Calle Del Mundo | 2014, 2010, 2006, 2000, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2266 Calle de Luna | 2014, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2266 Calle de Luna | 2014, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2268 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2270 CALLE DE LUNA | 2014, 2010, 2006, 2001, 2000, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2271 CALLE DE LUCIA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2271 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2271 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2271 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2271 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2272 CALLE DE LUNA | 2014, 2010, 2006, 2001, 2000, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2272 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2272 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2272 Calle del Mundo | 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2272 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2272 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2272 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2273 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2273 Calle de Luna | 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2273 Calle de Luna | 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2273 Calle Del Mundo | 2014, 2010, 2006, 2000, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2273 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2273 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2273 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2273 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2275 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2275 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2275 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2275 Calle Del Mundo | 2014, 2010, 2006, 2000, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2275 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2275 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2275 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2276 Calle de Luna | 2014, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2276 Calle de Luna | 2014, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2277 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2277 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2277 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2277 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2278 CALLE DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2278 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2278 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2278 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2281 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2281 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2281 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2281 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2300 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2301 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2301 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2301 Calle de Luna | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2301 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2302 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2302 Calle del Mundo | 2014, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2302 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2304 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2304 Calle del Mundo | 2014, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2304 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2309 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2309 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2312 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1996, 1991, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2312 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2314 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2314 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2314 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2317 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2317 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2318 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2318 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2322 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2322 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2322 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2323 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2323 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2324 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2325 CALLE DE LUNA | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2325 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2325 DE LUNA | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2327 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2330 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2330 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2331 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2338 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2338 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2338 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2339 Calle Del Mundo | 2014, 2010, 2006, 2000, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2339 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2343 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2343 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2343 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2346 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1996, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2346 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2346 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2348 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2348 Calle del Mundo | 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2354 Calle del Mundo | 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2354 CALLE DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2354 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2361 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2361 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2363 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2363 Calle del Mundo | 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2363 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2363 DEL MUNDO | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 2365 CALLE DEL MUNDO | 2014, 2010, 2006, 2000, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 5191 LA FAYETTE ST | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 5191 LAFAYETTE ST | 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 5201 LA FAYETTE ST | 2014, 2010, 2006, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 5201 LAFAYETTE | 2014, 2010, 2006, 2001, 2000, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 5201 LAFAYETTE ST | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |
| 5201 LAFAYETTE WAY | 2014, 2010, 2006, 2001, 2000, 1996, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

## TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

| Address Researched | Address Not Identified in Research Source |
| --- | --- |
| 2303 Calle Del Mundo | 2006, 2000, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922 |

# APPENDIX H

User Provided Environmental Investigations Documents (digitally provided upon request)

Documents for Appendix H will be digitally provided upon request.

# APPENDIX I

Site Photographs

Photograph 1:
Photograph looking northeast at 2311 Calle Del Mundo: facility entrance for DuraBrake's office space.

Photograph 2:

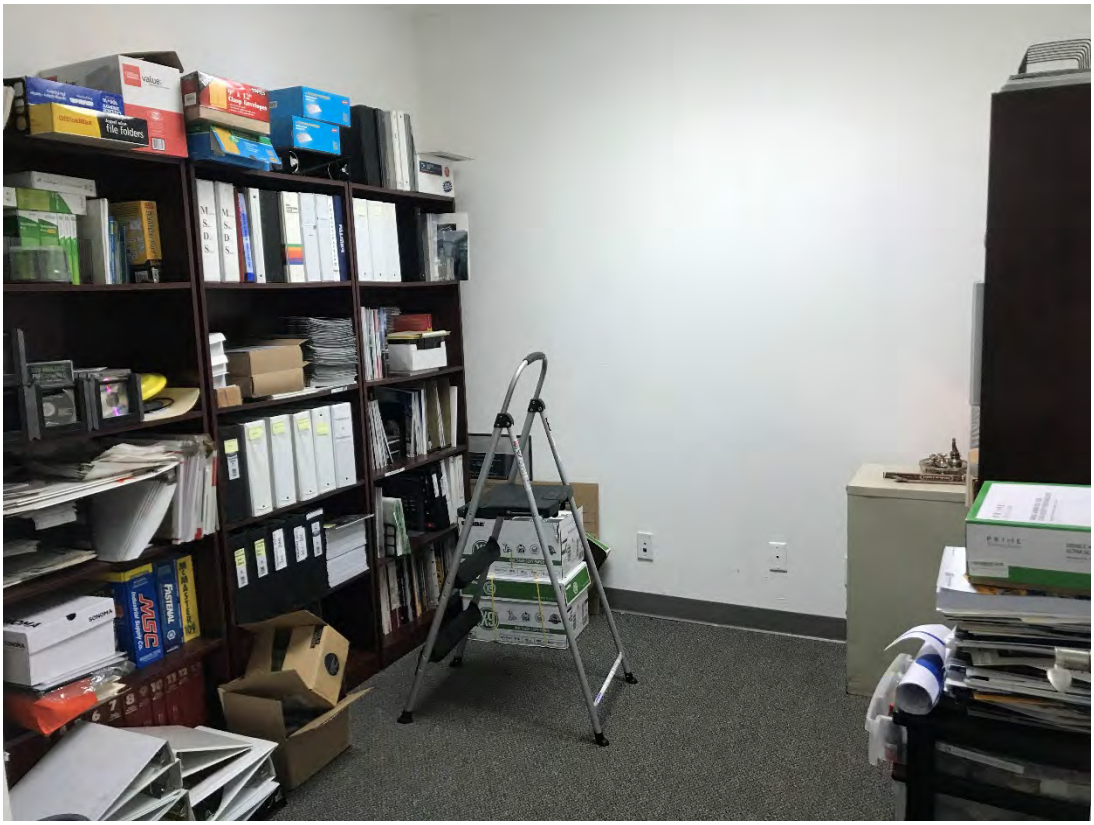
Photograph looking north at 2315 Calle Del Mundo: facility entrance for DuraBrake's warehouse space.

Photograph 3:
Photograph looking northwest at 2307 Calle Del Muno: facility entrance to PSC Electronics' (PSC) office space.

Photograph 4:
Photograph looking east at 2319 Calle Del Mundo: facility entrance to PSC's warehouse space.

Photograph 5:
Photograph looking west at the asphalt-paved parking spaces along the Property's southern boundary.

Photograph 6:
Photograph looking east at the asphalt-paved parking spaces along the Property's northern boundary. The roll up doors provide access to PSC.




Photograph 7:
Photograph taken inside DuraBrake's office space.

Photograph 8:
Photograph taken inside DuraBrake's office space.

Photograph 9:
Photograph of brake drums, rotors, and similar supplies observed inside DuraBrake's warehouse space.

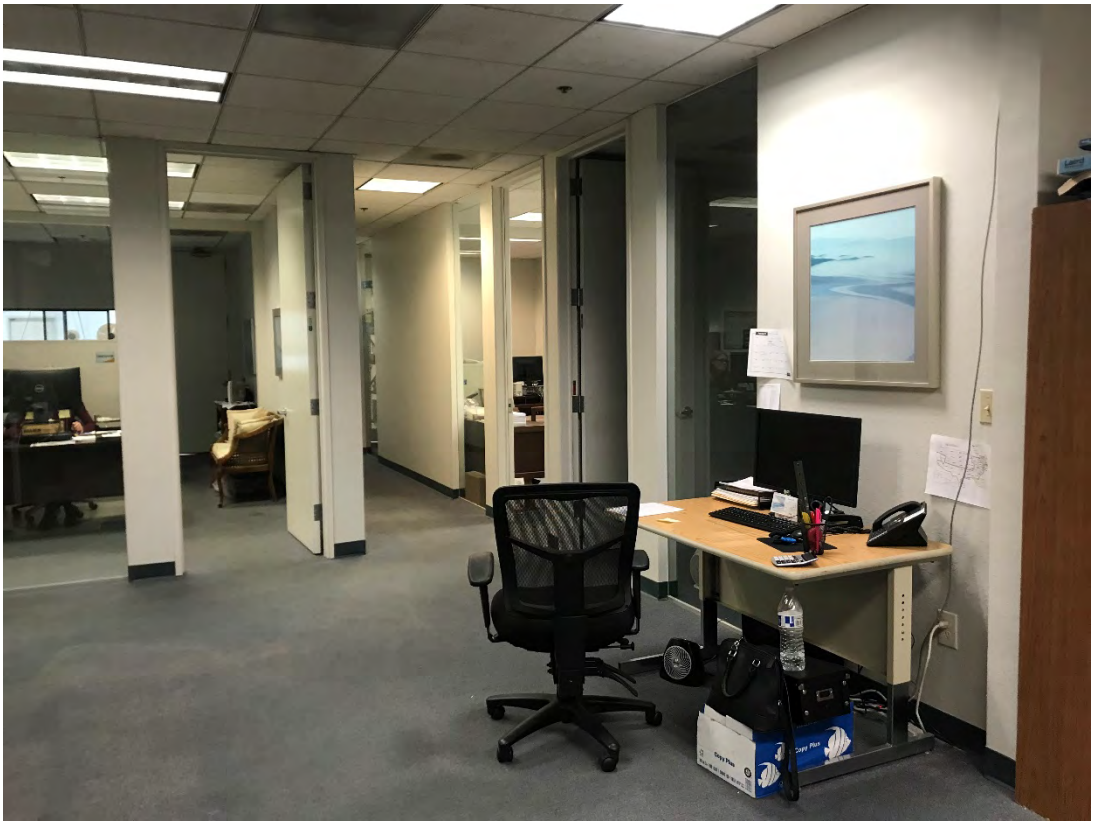
Photograph 10:
Photograph of paint containers observed inside DuraBrake's warehouse space.

Photograph 11:
Photograph of brake drums, rotors, and similar supplies observed inside DuraBrake's warehouse space.

Photograph 12:
Photograph of cleaning supplies observed inside DuraBrake's warehouse space.

Photograph 13:
Photograph of front-end loader and propane tank observed inside DuraBrake's warehouse space.

Photograph 14:
Photograph taken inside PSC's office space.



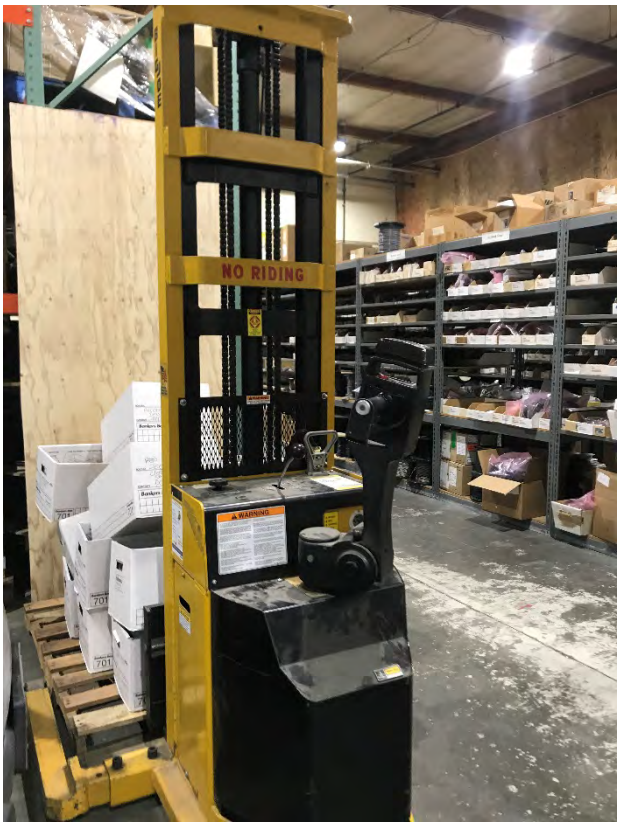
Photograph 15:
Photograph taken inside PSC's office space.

Photograph 16:
Photograph taken inside PSC's office space.

Photograph 17:
Photograph of spent fluorescent ballasts observed in PSC's office space.

Photograph 18:
Photograph of dry supply storage, for the assembly of cables, inside PSC's warehouse space.

Photograph 19:
Photograph of dry supply storage, for the assembly of cables, inside PSC's warehouse space.




Photograph 20:
Photograph of forklift observed inside PSC's warehouse space.

Photograph 21:
Photograph of forklift charger observed inside PSC's warehouse space.

Photograph 22:
Photograph of solvents observed in PSC's assembly room.

Photograph 23:
Photograph of cable assembling operations inside PSC's assembly room.

Photograph 24:
Photograph of paper storage, observed on the second-floor loft, in PSC's assembly room.

Photograph 25:
Photograph of the unlabeled 55-gallon drum observed in the north-western corner of the Property.

Photograph 26:
Photograph looking west at the overhead powerlines and pole mounted transformer along the northern Property boundary.

Photograph 27:
Photograph of underground transmission line immediately north of the Property boundary.

# APPENDIX J

Phase II Subsurface Investigation

# Ensemble Parcel 61 Phase II Report

2303, 2307, 2311, 2315, & 2319 Calle Del Mundo
Santa Clara, California
(APN 097-05-061)

February 15, 2019

*Prepared by:*

**Roux Associates, Inc.**
555 12th Street, Suite 250
Oakland, California 94607

Environmental Consulting
& Management
1-415-967-6000
rouxinc.com

2760.0003S.101/CV

February 15, 2019

Jewelle Kennedy
Ensemble Investments Inc.
444 W. Ocean Blvd., Ste. 650
Long Beach, California 90802

Re: Limited Phase II Subsurface Environmental Investigation Report
2303, 2307, 2311, 2315, & 2319 Calle Del Mundo, Santa Clara, California (APN 097-05-061)

Dear Ms. Kennedy:

Roux Associates, Inc. (Roux) has prepared this Letter Report to summarize the findings of the Limited Phase II Subsurface Environmental Investigation (Investigation) conducted at 2303, 2307, 2311, 2315, & 2319 Calle Del Mundo in Santa Clara, California (Site). This Investigation was performed on behalf of Ensemble Real Estate Investments (Client) for the prospective purchase of the Site. The Site location is provided on Figure 1 and the sample locations from the Investigation activities are provided on Figure 2.

The purpose of the Investigation was to assess shallow subsurface conditions below the Site based on the recognized environmental conditions (RECs) identified in Roux's February 2019 *Phase I Environmental Site Assessment* (Phase I ESA)[1].

## Investigation Rationale

The draft Phase I ESA identified the following three recognized environmental conditions (RECs) associated with the Site:

1. G&K operated at the Site from approximately 1977 to 1991. During their years of operation, they used a sump to collect electroplating rinsewater from their operational activities. In 1990, the sump was removed with oversight from the Santa Clara County Fire Department. However, during the excavation activities, soil impacted with hexavalent chromium above the current Residential cancer-risk Environmental Screening Level (ESL) of 0.30 milligrams per kilogram (mg/kg) was left in place. Additionally, other investigations at the Site detected lead and thallium in soil above their current Residential ESLs. Langan Treadwell Rollo (Langan) conducted a soil and groundwater investigation at the Site in September 2014 which further evaluated the extent of the metals release. The Site investigations identified that contamination appears to be limited to below the sewer line, but the full extent of metal-impacted soil in the subsurface at the Site is unknown. the presence of metal-impacted soil in the subsurface at the Site is considered a REC.

2. Watts Machining Inc. (Watts)[2] is located adjacent to the west of the Site. In November 2018, groundwater samples collected from a well (G-2R) in the north-eastern corner of Watts detected

[1] Roux Associates, 2019. *Phase I ESA, 2303 Calle Del Mundo, Santa Clara, California.* February 14.
[2] Also known as CDM Investors.



555 12th Street, Suite 250 ■ Oakland, California 94607 ■ 415.967.6000 ■ www.rouxinc.com
California ■ Illinois ■ Massachusetts ■ New Jersey ■ New York ■ Texas

concentrations of trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride (VC). TCE was detected at 33 micrograms per liter (µg/L), cis-1,2-DCE was detected at 8.0 µg/L, and VC was detected at 0.40 µg/L. These TCE and VC groundwater concentrations exceed both their respective Maximum Containment Levels (MCLs) and the Residential ESLs for a vapor intrusion health risk. These VOCs were detected approximately 70 feet west of the Site. Although VOCs in groundwater have not been detected in samples collected in the central and eastern portions of the Site, no sampling has been performed near the in the western portion of the Site near identified groundwater impacts. It is possible that the VOCs observed in groundwater beneath the Watts site has migrated and impacted groundwater or soil vapor to the north-western side of the Site. The VOC-impacted groundwater present immediately adjacent to the Site is considered a REC.

3. Langan's September 2014 included soil vapor sampling. While the results for the soil and groundwater were less than environmental screening levels, the subslab vapor had one concentration of benzene at 110 ug/m3, which exceed the environmental screening levels for residential and commercial use. The benzene in soil vapor present at the Site is considered a REC.

At the Request of Ensemble, Roux completed a limited Phase II soil vapor investigation at the Site to better evaluate the potential extent of RECs 2 and 3 described above. This investigation included two subslab soil vapor samples collected below the slab of the existing building for analysis of volatile organic compounds (VOCs). The previous 2014 investigation by Langan was considered sufficient for determining the level of magnitude of the metals impacted soil at the Site, so additional investigation for metals was not evaluated.

## Methods of Investigation

### Pre-Field Activities

Roux prepared a Site-specific Health and Safety Plan which was available on-Site during field activities. The Roux site supervisor held a tailgate safety meeting to discuss the relevant safety aspects for the day. Underground Service Alert (USA) was notified prior to subsurface activities and nearby utilities were marked appropriately.

### Subslab Vapor Sampling

Two subslab soil vapor samples (RSS-1 and RSS-2) were collected by drilling a 5/8-inch hole through the concrete slab and then installing a Vapor Pin ®. After installing the sampling pin, the area was left to equilibrate for two hours prior to collecting the sample in general accordance with California Environmental Protection Agency's Department of Toxic Substances Control's (DTSC's) and the San Francisco Regional Water Quality Control Board 2015 Guidance titled *Advisory, Active Soil Gas Investigations.*

Prior to collecting the subslab vapor sample, a closed-circuit sampling train was created by attaching the sample Summa® canister via a laboratory supplied and cleaned stainless steel sampling manifold. A "shut-in" test was performed prior to connecting the sampling equipment to the vapor probe tubing. This test was performed by applying a vacuum (approximately -30 inches of mercury [in. HG]) to the manifold then noting the pressure on the manifold gauge. The vacuum was held for a duration of one minute to ensure that there was no pressure drop on the manifold which would indicate a leak.

Once the sampling train passed the "shut in" test, it was connected to the probe tubing. The sampling train was placed within a helium shroud and was subjected to a 20% helium environment. A leak test was performed by testing the concentration of helium within the sample line during the purge of the vapor pin. During the leak test, Roux purged approximately 150 mL from the subslab vapor pin location using a 6-Liter purge Summa® canister at approximately the same flow rate as is used during vapor sampling (approximately 150 milliliters per minute [ml/min]). While conducting subslab vapor sampling, the vacuum of the sample Summa® canister was used to draw the vapor through the flow controller until a negative pressure of approximately -5 inHg was observed on the vacuum gauge while the vapor pin, probe tubing, and entire sampling train were enclosed in a helium shroud. The helium concentration inside the shroud was maintained above 20% helium and quantified using a helium meter throughout the duration of the sampling.

The soil vapor samples were labeled, logged on a chain-of-custody form, and delivered to Enthalpy Analytical, a California-certified laboratory in Berkeley, California. The samples were analyzed for volatile organic compounds (VOCs) by the United States Environmental Protection Agency Method TO-15 and helium by the American Society for Testing and Materials (ASTM) Method D1946-90. The laboratory analytical reports are included as Attachment A.

**Vapor Pin Abandonment**

Both soil vapor pins were extracted from the sample locations after sampling and the slab was restored with neat cement grout to the surface to match the surrounding grade.

## Investigation Results

**Subslab Vapor Analytical Results**

Analytical results were compared to San Francisco Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs)[3]. According to the RWQCB, under most circumstances, "the presence of a chemical in soil, soil gas, or groundwater at concentrations below the corresponding ESL can be assumed to not pose a significant threat to human health, water resources, or the environment" within the limitations of the ESL User's Guide. The concentrations of constituents in subslab soil gas were compared to their respective ESLs for residential as well as commercial/industrial land use (ESL Table SG-1).

Subslab vapor analytical results are summarized in Table 1. Analytical reports are included as Attachment A. The following is a summary of the analytical results:

- Several petroleum-related and chlorofluorocarbon VOCs were detected in RSS-1 and RSS-2 below residential ESLs, including 1,1,2-trichlorotrifluoroethane, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 4-ethyltoluene, acetone, carbon disulphide, cyclohexane, dichlorodifluoromethane, ethylbenzene, heptane, hexane, isopropyl alcohol, m and p-xylene, o-xylene, toluene, trans-1,2-dichloroethene, and xylenes (total).
- No ESL exceedances were detected in sample location RSS-1.
- ESL exceedances of benzene, chloroform, and methylene chloride were observed in RSS-2. Chloroform and methylene chloride exceeded the residential ESLs. Benzene exceeded the commercial/industrial ESL.

[3] San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for Subslab Soil Gas and Exterior Soil Gas Vapor Intrusions updated January 2019.

- No helium was detected in either of the two subslab vapor samples; therefore, the manifold and sampling line were free of leaks during the sampling procedures which occurred within a helium shroud.

## Conclusions

Subslab vapor samples were collected to investigate and characterize the subslab soil gas below the existing Site for prospective purchase of the Site. Sample results from this Investigation were compared to the residential ESLs and commercial/industrial ESLs for sub-slab soil gas. ESL exceedances were observed only within sample RSS-2. These exceedances include residential ESL exceedances for chloroform and methylene chloride as well as a commercial/industrial ESL exceedance of benzene.

- No chlorinated VOCs associated with the nearby groundwater plume were detected in soil gas below the building above laboratory reporting limits.

- Of the VOC concentrations that were detected above Residential ESLs in soil vapor samples collected from RSS-2, only benzene was previously detected at the Property during the Langan 2014 Phase II investigation. Based on the benzene analysis conducted in soil gas and in soil and groundwater in this and past investigations, it appears that the benzene source could have originated from the Site.

- Of the detected concentrations, at RSS-2 chloroform, and methylene chloride were detected above the residential ESL and benzene was detected above the residential and commercial ESLs.

If you have any questions regarding the contents of this letter report, please do not hesitate to contact the undersigned at 415-967-6000.

Sincerely,

**ROUX ASSOCIATES, INC.**

Daniel Fleege, P.E.
Project Engineer

Christine Pilachowski, P.G.
Senior Geologist

David Dixon, P.G.
Principal Geologist

Enclosures:

| | |
|---|---|
| Table 1 | Summary of Subslab Vapor Analytical Results |
| Figure 1 | Site Location Map |
| Figure 2 | Site Plan with Subslab Vapor Points |
| Attachment A | Laboratory Analytical Reports |

# TABLE

1. Summary of Subslab Vapor Analytical Results

**Table 1**
**Summary of Subslab Vapor Analytical Results**
**2303, 2307, 2311, 2315, 2319 Calle Del Mundo,**
Santa Clara, California

| Sample ID | Sample Date | Depth (ft bgs) | VOCs (µg/m3) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Helium | 1,1,2-Trichlorotrifluoroethane | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | 4-Ethyltoluene | Acetone | Benzene | Carbon disulfide | Chloroform | Cyclohexane | Dichlorodifluoromethane |
| | | | % | | | | | | | | | | |
| RSS-1 | 2/8/2019 | Sub-Slab | < 0.18% | 1.6 J | 1.4 J | < 4.9 | 1.1 J | 161 | 2.7 J | < 3.1 | 2.4 J | 7.7 | 1.4 J |
| RSS-2 | 2/8/2019 | Sub-Slab | < 0.19% | < 7.7 | 19.4 | 13.9 | 18.4 | 92.6 | **24.8** | 4.6 | **5.8** | 282 | 1.4 J |
| **Commercial/Industrial ESLs (µg/m$^3$)[1]** | | | -- | -- | -- | -- | -- | 4,500,000 | 14 | -- | 18 | -- | -- |
| **Residential ESLs (µg/m$^3$)[1]** | | | -- | -- | -- | -- | -- | 1,100,000 | 3 | -- | 4 | -- | -- |

**Table 1**
**Summary of Subslab Vapor Analytical Results**
**2303, 2307, 2311, 2315, 2319 Calle Del Mundo, Santa Clara, California**

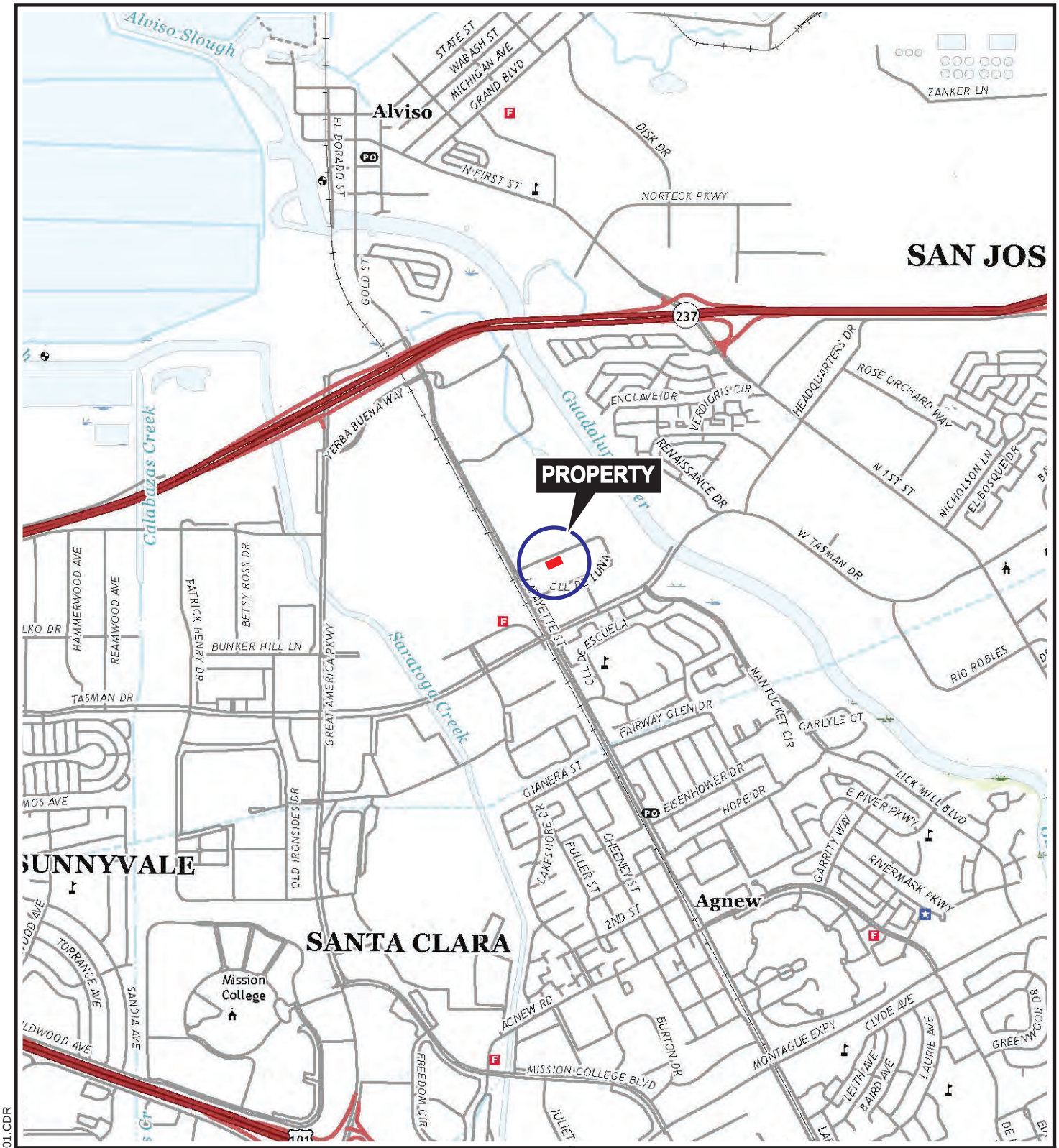
| Sample ID | Sample Date | Depth (ft bgs) | VOCs (µg/m3) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ethylbenzene | Heptane | Hexane | Isopropyl alcohol (IPA) | m and p-Xylene | Methylene chloride | o-Xylene | Toluene | trans-1,2-dichloroethene | Xylenes (Total) | All other analyzed VOCs |
| | | | µg/m$^3$ | | | | | | | | | | |
| RSS-1 | 2/8/2019 | Sub-Slab | < 4.3 | 12.7 | 14.0 | 25.4 | 3.4 J | 11.6 | 1.2 J | 2.4 J | < 4 | 4.6 | ND |
| RSS-2 | 2/8/2019 | Sub-Slab | 9.1 | 853 | 873 | 230 | 44.9 | **44.6** | 12.8 | 37.4 | 2.3 J | 57.7 | ND |
| **Commercial/Industrial ESLs (µg/m$^3$)[1]** | | | 160 | -- | -- | -- | -- | 410 | -- | 44,000 | 12,000 | 15,000 | -- |
| **Residential ESLs (µg/m$^3$)[1]** | | | 37 | -- | -- | -- | -- | 34 | -- | 10,000 | 2,800 | 3,500 | -- |

**Notes:**
Volatile Organic Compounds (VOCs) analyzed United States Environmental Protection Agency method TO-15
Helium analyzed by Modified ASTM D1946-90

<X.X: Not detected at or above reporting limit X.X
- : No applicable ESL
µg/m$^3$: micrograms per cubic meter
ND: Not detected above laboratory reporting limit; specific results available in the laboratory report
Bold text indicates that the concentration exceeds an ESL
[1]San Francisco Bay Area Regional Water Quality Control Board Residential Environmental Screening Levels (ESLs) for Soil Gas updated January 2019.

# FIGURES

1. Site Location Map
2. Site Plan with Subslab Vapor Points




QUADRANGLE LOCATION

N

0 2000'

SOURCE:
USGS; 2018, Milpitas, CA
7.5 Minute Topographic Quadrangle

Title:

# PROPERTY LOCATION MAP

2303, 2307, 2311, 2315 and 2319 CALLE DEL MUNDO,
SANTA CLARA, CALIFORNIA

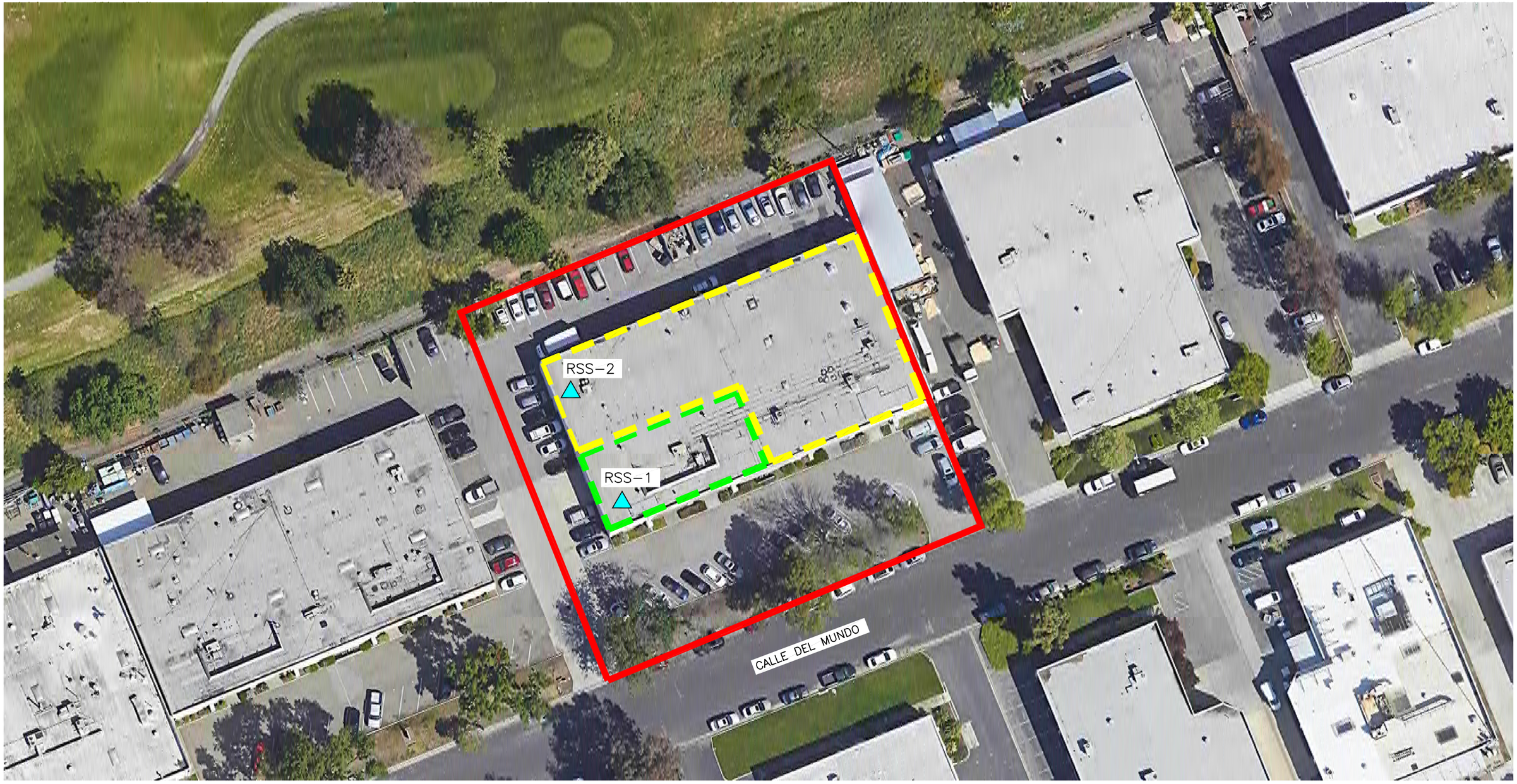
Prepared for:

ENSEMBLE INVESTMENTS

ROUX

| | | |
|---|---|---|
| Compiled by: G.M. | Date: 08FEB19 | FIGURE |
| Prepared by: G.M. | Scale: AS SHOWN | 1 |
| Project Mgr: G.M. | Project: 2760.0003S000 | |
| File: 2760.0003S100.01.CDR | | |

V:\CAD\PROJECTS\2760\0003S\1002760.0003S100.01.CDR




LEGEND

PROPERTY BOUNDARY

PSC ELECTRONICS

DURABRAKE

SOIL VAPOR SAMPLE LOCATIONS (SAMPLED 2/8/2019)

100' 0 100'

N

Title:

**SITE PLAN WITH SUB-SLAB VAPOR POINTS**

2303 CALLE DEL MUNDO
SANTA CLARA, CALIFORNIA

Prepared For:

ENSEMBLE INVESTMENTS

ROUX
ROUX ASSOCIATES, INC.
*Environmental Consulting & Management*

| | | |
|---|---|---|
| Compiled by: DRF | Date: 13FEB19 | FIGURE |
| Prepared by: DRF | Scale: AS SHOWN | 2 |
| Project Mgr: CP | Project: | |
| File: FIG2 – SITE PLAN.DWG | | |

S:\OAKLAND\DIXON PROJECTS\ENSEMBLE INVESTMENTS\PARCEL 61 – 2303 CALLE DE MUNDO\PHASE II REPORT\FIGURES\CAD\FIG2 – SITE PLAN.DWG

# ATTACHMENT A

Laboratory Analytical Reports

ea

ENTHALPY

ANALYTICAL

# Enthalpy Analytical

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

**Laboratory Job Number 307104**
**ANALYTICAL REPORT**

| | |
|---|---|
| Roux Associates<br>555 12th St.<br>Oakland, CA 94607 | Project : 2760.0003 5000<br>Location : Ensemble Parcel 61<br>Level : II |

| Sample ID | Lab ID |
|---|---|
| RSS-1 | 307104-001 |
| RSS-2 | 307104-002 |

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 02/13/2019

Haley Campbell
Project Manager
haley.campbell@enthalpy.com

CA ELAP# 2896, NELAP# 4044-001

ENTHALPY ANALYTICAL

# CASE NARRATIVE

| | |
|---|---|
| Laboratory number: | **307104** |
| Client: | **Roux Associates** |
| Project: | **2760.0003 5000** |
| Location: | **Ensemble Parcel 61** |
| Request Date: | **02/08/19** |
| Samples Received: | **02/08/19** |

This data package contains sample and QC results for two air samples, requested for the above referenced project on 02/08/19. The samples were received intact.

**Volatile Organics in Air by MS (EPA TO-15):**
Enthalpy Analytical (Orange) in Orange, CA performed the analysis (NELAP certified). Please see the Enthalpy Analytical (Orange) case narrative.

**Volatile Organics in Air GC (ASTM D1946-90):**
No analytical problems were encountered.

307104

**Enthalpy Analytical LLC**
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

# AIR TESTING - CHAIN OF CUSTODY
## & PURCHASE ORDER


Chain of Custody # :

C&T LOGIN # 307104

Project No: 2760.0403 5000
Project Name: Ensemble Parcel 61
EDD Format: _____ Rpt Level: II III IV
Turnaround Time: ☒ RUSH 24 HR ☐ Standard

Sampler: Daniel Fleege
Report To: Christine Pilachowski
Company: Roux Associates
Telephone: 415-967-6034
Email: cpilachowski@rouxinc.com

| Lab No. | Sample ID. | Sampling Information: Date Collected | Time Collected | Canister ID (Bar Code #) | Flow Controller ID | Sample Volume (Gauge Reading) | TESTING REQUESTED: TO-15 | Helium | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | RSS-1 | 2/8/19 | 14:30 | 067 | 126 | -5 in Hg | X | X | | | |
| | RSS-2 | 2/8/19 | 13:53 | 380 | 259 | -5 in Hg | X | X | | | |

Notes:

| RELINQUISHED BY: | RECEIVED BY: |
|---|---|
| 2/8/2019 / 17:04 DATE/TIME | 2-8-19 17:04 DATE/TIME |
| DATE/TIME | DATE/TIME |
| DATE/TIME | DATE/TIME |

**SAMPLE RECEIPT CHECKLIST**

**Section 1:** Login # 307104 Client: ROUX

Date Received: 02/08/19 Project: 2760.0003 5000

ENTHALPY ANALYTICAL

**Section 2:** Samples received in a cooler? ☐ Yes, how many? _____ ☑ No (skip Section 3 below)

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ A, or ☐ B

☐ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened _____ By (print)_____ (sign)_____

Shipping Info (if applicable) _____

Are custody seals present? ☐ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☑ N/A

**Section 3:** ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe)_____

☐ Bubble Wrap, ☐ Foam blocks, ☐ Bags, ☐ None, ☐ Cloth material, ☑ Cardboard, ☐ Styrofoam, ☐ Paper towels

☐ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☐ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID:_____, or IR Gun # ☐ A ☐ B

Cooler Temp (°C): #1: _____, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

| **Section 4:** | YES | NO | N/A |
|---|---|---|---|
| Were custody papers dry, filled out properly, and the project identifiable | X | | |
| Were Method 5035 sampling containers present? | | X | |
| If YES, what time were they transferred to freezer?_____ | | | |
| Did all bottles arrive unbroken/unopened? | X | | |
| Are there any missing / extra samples? | | X | |
| Are samples in the appropriate containers for indicated tests? | X | | |
| Are sample labels present, in good condition and complete? | X | | |
| Does the container count match the COC? | X | | |
| Do the sample labels agree with custody papers? | X | | |
| Was sufficient amount of sample sent for tests requested? | X | | |
| Did you change the hold time in LIMS for unpreserved VOAs? | | | X |
| Did you change the hold time in LIMS for preserved terracores? | | | X |
| Are bubbles > 6mm absent in VOA samples? | | | X |
| Was the client contacted concerning this sample delivery? | | X | |
| If YES, who was called?_____ By_____ Date:_____ | | | |

| **Section 5:** | YES | NO | N/A |
|---|---|---|---|
| Are the samples appropriately preserved? (If N/A, skip the rest of section 5) | | | |
| Did you check preservatives for all bottles for each sample? | | | |
| Did you document your preservative check? | | | |

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

**Section 6:**

Explanations/Comments: _____

**Date Logged in** 02/08/19 **By (print)** BNL **(sign)** [signature]

**Date Labeled** ↓ **By (print)** ↓ **(sign)** ↓

**Laboratory Job Number 307104**

**Subcontracted Products**

**Enthalpy Analytical (Orange)**

**Enthalpy Analytical, LLC**
*931 W. Barkley Ave - Orange, CA 92868*
*Tel: (714)771-6900 Fax: (714)538-1209*
*www.enthalpy.com*
*info-sc@enthalpy.com*

MONTROSE ENVIRONMENTAL

| | | | |
|---|---|---|---|
| Client: | Enthalpy - Berkeley | Lab Request: | 412236 |
| Address: | 2323 Fifth Street<br>Berkeley, CA 94710 | Report Date: | 02/12/2019 |
| | | Date Received: | 02/11/2019 |
| | | Client ID: | 15279 |
| Attn: | John Goyette | | |
| Comments: | Project Number: 307104<br>Site: Ensemble Parcel 61 | | |

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

| Sample # | Client Sample ID |
|---|---|
| 412236-001 | RSS-1 |
| 412236-002 | RSS-2 |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

*Report Review performed by: Lisa Nguyen, PM*

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

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| | | | | | |
|---|---|---|---|---|---|
| **Matrix:** | Air | **Client:** | Enthalpy - Berkeley | **Collector:** | Client |
| **Sampled:** | 02/08/2019 14:30 | **Site:** | | | |
| **Sample #:** | **412236-001** | **Client Sample #:** | RSS-1 | **Sample Type:** | |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed | By | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15 Prep Method: Method | | | | | | | QCBatchID: QC1211130 | | |
| 1,1,1-Trichloroethane | ND | 1 | 1.1 | 5.5 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,1,2,2-Tetrachloroethane | ND | 1 | 1.38 | 6.9 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,1,2-Trichloroethane | ND | 1 | 1.1 | 5.5 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **1,1,2-Trichlorotrifluoroethane** | **1.6 J** | 1 | 1.54 | 7.7 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| 1,1-Dichloroethane | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,1-Dichloroethene | ND | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,2,4-Trichlorobenzene | ND | 1 | 1.48 | 7.4 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **1,2,4-Trimethylbenzene** | **1.4 J** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| 1,2-Dibromoethane | ND | 1 | 1.54 | 7.7 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | ND | 1 | 1.4 | 7 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,2-Dichlorobenzene | ND | 1 | 1.2 | 6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,2-Dichloroethane | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,2-Dichloropropane | ND | 1 | 0.92 | 4.6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,3,5-Trimethylbenzene | ND | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,3-Butadiene | ND | 1 | 0.44 | 2.2 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,3-Dichlorobenzene | ND | 1 | 1.2 | 6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 1,4-Dichlorobenzene | ND | 1 | 1.2 | 6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 2-Butanone (MEK) | ND | 1 | 7.4 | 14.8 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| 2-Hexanone | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **4-Ethyltoluene** | **1.1 J** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| 4-Methyl-2-pentanone (MIBK) | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Acetone** | **161** | 1 | 5.9 | 11.8 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Benzene** | **2.7 J** | 1 | 0.64 | 3.2 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| Benzyl Chloride | ND | 1 | 1.04 | 5.2 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Bromodichloromethane | ND | 1 | 1.34 | 6.7 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Bromoform | ND | 1 | 2.06 | 10.3 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Bromomethane | ND | 1 | 0.78 | 3.9 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Carbon disulfide | ND | 1 | 0.62 | 3.1 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Carbon Tetrachloride | ND | 1 | 1.26 | 6.3 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Chlorobenzene | ND | 1 | 0.92 | 4.6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Chloroethane | ND | 1 | 0.52 | 2.6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Chloroform** | **2.4 J** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| Chloromethane | ND | 1 | 0.42 | 2.1 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| cis-1,2-Dichloroethene | ND | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| cis-1,3-dichloropropene | ND | 1 | 0.9 | 4.5 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Cyclohexane** | **7.7** | 1 | 0.68 | 3.4 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Dichlorodifluoromethane** | **1.4 J** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| Ethylbenzene | ND | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Heptane** | **12.7** | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Hexachlorobutadiene | ND | 1 | 2.14 | 10.7 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Hexane** | **14.0** | 1 | 0.7 | 3.5 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Isopropyl alcohol (IPA)** | **25.4** | 1 | 6.1 | 12.2 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **m and p-Xylene** | **3.4 J** | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| **Methylene chloride** | **11.6** | 1 | 0.7 | 3.5 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Methyl-t-butyl Ether (MTBE) | ND | 1 | 0.72 | 3.6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **o-Xylene** | **1.2 J** | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| Styrene | ND | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Tetrachloroethene | ND | 1 | 1.36 | 6.8 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Toluene** | **2.4 J** | 1 | 0.76 | 3.8 | ug/m3 | | 02/11/19 20:05 | ZZ | J |
| trans-1,2-dichloroethene | ND | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| trans-1,3-dichloropropene | ND | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Trichloroethene | ND | 1 | 1.08 | 5.4 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Trichlorofluoromethane | ND | 1 | 1.12 | 5.6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| Vinyl acetate | ND | 1 | 8.8 | 17.6 | ug/m3 | | 02/11/19 20:05 | ZZ | |

| | | | | | |
|---|---|---|---|---|---|
| **Matrix:** | Air | **Client:** | Enthalpy - Berkeley | **Collector:** | Client |
| **Sampled:** | 02/08/2019 14:30 | **Site:** | | | |
| **Sample #:** | **412236-001** | **Client Sample #:** | RSS-1 | **Sample Type:** | |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed | By | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Vinyl Chloride | ND | 1 | 0.52 | 2.6 | ug/m3 | | 02/11/19 20:05 | ZZ | |
| **Xylenes (Total)** | **4.6** | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:05 | ZZ | |

| *Surrogate* | *% Recovery* | *Limits* | *Notes* |
|---|---|---|---|
| *4-Bromofluorobenzene (SUR)* | *101* | *60-140* | |

| | | | | | |
|---|---|---|---|---|---|
| **Matrix:** | Air | **Client:** | Enthalpy - Berkeley | **Collector:** | Client |
| **Sampled:** | 02/08/2019 15:53 | **Site:** | | | |
| **Sample #:** | **412236-002** | **Client Sample #:** | RSS-2 | **Sample Type:** | |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed | By | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15 Prep Method: Method | | | | | | | QCBatchID: QC1211130 | | |
| 1,1,1-Trichloroethane | ND | 1 | 1.1 | 5.5 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,1,2,2-Tetrachloroethane | ND | 1 | 1.38 | 6.9 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,1,2-Trichloroethane | ND | 1 | 1.1 | 5.5 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,1,2-Trichlorotrifluoroethane | ND | 1 | 1.54 | 7.7 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,1-Dichloroethane | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,1-Dichloroethene | ND | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,2,4-Trichlorobenzene | ND | 1 | 1.48 | 7.4 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **1,2,4-Trimethylbenzene** | **19.4** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,2-Dibromoethane | ND | 1 | 1.54 | 7.7 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | ND | 1 | 1.4 | 7 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,2-Dichlorobenzene | ND | 1 | 1.2 | 6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,2-Dichloroethane | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,2-Dichloropropane | ND | 1 | 0.92 | 4.6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **1,3,5-Trimethylbenzene** | **13.9** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,3-Butadiene | ND | 1 | 0.44 | 2.2 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,3-Dichlorobenzene | ND | 1 | 1.2 | 6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 1,4-Dichlorobenzene | ND | 1 | 1.2 | 6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 2-Butanone (MEK) | ND | 1 | 7.4 | 14.8 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 2-Hexanone | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **4-Ethyltoluene** | **18.4** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| 4-Methyl-2-pentanone (MIBK) | ND | 1 | 0.82 | 4.1 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Acetone** | **92.6** | 1 | 5.9 | 11.8 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Benzene** | **24.8** | 1 | 0.64 | 3.2 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Benzyl Chloride | ND | 1 | 1.04 | 5.2 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Bromodichloromethane | ND | 1 | 1.34 | 6.7 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Bromoform | ND | 1 | 2.06 | 10.3 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Bromomethane | ND | 1 | 0.78 | 3.9 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Carbon disulfide** | **4.6** | 1 | 0.62 | 3.1 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Carbon Tetrachloride | ND | 1 | 1.26 | 6.3 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Chlorobenzene | ND | 1 | 0.92 | 4.6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Chloroethane | ND | 1 | 0.52 | 2.6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Chloroform** | **5.8** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Chloromethane | ND | 1 | 0.42 | 2.1 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| cis-1,2-Dichloroethene | ND | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| cis-1,3-dichloropropene | ND | 1 | 0.9 | 4.5 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Cyclohexane** | **282** | 5 | 3.4 | 17 | ug/m3 | | 02/11/19 22:15 | ZZ | |
| **Dichlorodifluoromethane** | **1.4 J** | 1 | 0.98 | 4.9 | ug/m3 | | 02/11/19 20:51 | ZZ | J |
| **Ethylbenzene** | **9.1** | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Heptane** | **853** | 5 | 4.1 | 20.5 | ug/m3 | | 02/11/19 22:15 | ZZ | |
| Hexachlorobutadiene | ND | 1 | 2.14 | 10.7 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Hexane** | **873** | 5 | 3.5 | 17.5 | ug/m3 | | 02/11/19 22:15 | ZZ | |
| **Isopropyl alcohol (IPA)** | **230** | 5 | 30.5 | 61 | ug/m3 | | 02/11/19 22:15 | ZZ | |
| **m and p-Xylene** | **44.9** | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Methylene chloride** | **44.6** | 1 | 0.7 | 3.5 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Methyl-t-butyl Ether (MTBE) | ND | 1 | 0.72 | 3.6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **o-Xylene** | **12.8** | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Styrene | ND | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Tetrachloroethene | ND | 1 | 1.36 | 6.8 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Toluene** | **37.4** | 1 | 0.76 | 3.8 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **trans-1,2-dichloroethene** | **2.3 J** | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:51 | ZZ | J |
| trans-1,3-dichloropropene | ND | 1 | 0.8 | 4 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Trichloroethene | ND | 1 | 1.08 | 5.4 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Trichlorofluoromethane | ND | 1 | 1.12 | 5.6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| Vinyl acetate | ND | 1 | 8.8 | 17.6 | ug/m3 | | 02/11/19 20:51 | ZZ | |

| | | | | | |
|---|---|---|---|---|---|
| **Matrix:** | Air | **Client:** | Enthalpy - Berkeley | **Collector:** | Client |
| **Sampled:** | 02/08/2019 15:53 | **Site:** | | | |
| **Sample #:** | **412236-002** | **Client Sample #:** | RSS-2 | **Sample Type:** | |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed | By | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Vinyl Chloride | ND | 1 | 0.52 | 2.6 | ug/m3 | | 02/11/19 20:51 | ZZ | |
| **Xylenes (Total)** | **57.7** | 1 | 0.86 | 4.3 | ug/m3 | | 02/11/19 20:51 | ZZ | |

| *Surrogate* | *% Recovery* | *Limits* | *Notes* |
|---|---|---|---|
| *4-Bromofluorobenzene (SUR)* | *104* | *60-140* | |

| QCBatchID: QC1211130 | Analyst: nicollez | Method: EPA TO-15 |
|---|---|---|
| Matrix: Air | Analyzed: 02/11/2019 | Instrument: VOA-MS (group) |

## *Blank Summary*

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---|---|---|---|---|---|
| **QC1211130MB1** | | | | | |
| 1,1,1-Trichloroethane | ND | ug/L | 0.0011 | 0.0055 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 0.00138 | 0.0069 | |
| 1,1,2-Trichloroethane | ND | ug/L | 0.0011 | 0.0055 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ug/L | 0.00154 | 0.0077 | |
| 1,1-Dichloroethane | ND | ug/L | 0.00082 | 0.0041 | |
| 1,1-Dichloroethene | ND | ug/L | 0.0008 | 0.004 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 0.00148 | 0.0074 | |
| 1,2,4-Trimethylbenzene | ND | ug/L | 0.00098 | 0.0049 | |
| 1,2-Dibromoethane | ND | ug/L | 0.00154 | 0.0077 | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | ND | ug/L | 0.0014 | 0.007 | |
| 1,2-Dichlorobenzene | ND | ug/L | 0.0012 | 0.006 | |
| 1,2-Dichloroethane | ND | ug/L | 0.00082 | 0.0041 | |
| 1,2-Dichloropropane | ND | ug/L | 0.00092 | 0.0046 | |
| 1,3,5-Trimethylbenzene | ND | ug/L | 0.00098 | 0.0049 | |
| 1,3-Butadiene | ND | ug/L | 0.00044 | 0.0022 | |
| 1,3-Dichlorobenzene | ND | ug/L | 0.0012 | 0.006 | |
| 1,4-Dichlorobenzene | ND | ug/L | 0.0012 | 0.006 | |
| 1,4-Dioxane | ND | ug/L | 0.00072 | 0.0036 | |
| 2-Butanone (MEK) | ND | ug/L | 0.0074 | 0.01475 | |
| 2-Hexanone | ND | ug/L | 0.00082 | 0.0041 | |
| 4-Ethyltoluene | ND | ug/L | 0.00098 | 0.0049 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 0.00082 | 0.0041 | |
| Acetone | ND | ug/L | 0.005925 | 0.01185 | |
| Benzene | ND | ug/L | 0.00064 | 0.0032 | |
| Benzyl Chloride | ND | ug/L | 0.00104 | 0.0062 | |
| Bromodichloromethane | ND | ug/L | 0.00134 | 0.0067 | |
| Bromoform | ND | ug/L | 0.00206 | 0.0103 | |
| Bromomethane | ND | ug/L | 0.00078 | 0.0039 | |
| Carbon disulfide | ND | ug/L | 0.00062 | 0.0031 | |
| Carbon Tetrachloride | ND | ug/L | 0.00126 | 0.0063 | |
| Chlorobenzene | ND | ug/L | 0.00092 | 0.0046 | |
| Chlorodibromomethane | ND | ug/L | 0.0017 | 0.0085 | |
| Chloroethane | ND | ug/L | 0.00052 | 0.0026 | |
| Chloroform | ND | ug/L | 0.00098 | 0.0049 | |
| Chloromethane | ND | ug/L | 0.00042 | 0.0021 | |
| cis-1,2-Dichloroethene | ND | ug/L | 0.0008 | 0.004 | |
| cis-1,3-dichloropropene | ND | ug/L | 0.0009 | 0.0045 | |
| Cyclohexane | ND | ug/L | 0.00068 | 0.0034 | |
| Dichlorodifluoromethane | ND | ug/L | 0.00098 | 0.0049 | |
| Ethanol | ND | ug/L | 0.00471 | 0.0094 | |
| Ethyl Acetate | ND | ug/L | 0.00036 | 0.0036 | |
| Ethylbenzene | ND | ug/L | 0.00086 | 0.0043 | |
| Heptane | ND | ug/L | 0.00082 | 0.0041 | |
| Hexachlorobutadiene | ND | ug/L | 0.00214 | 0.0102 | |
| Hexane | ND | ug/L | 0.0007 | 0.0035 | |
| Isopropyl alcohol (IPA) | ND | ug/L | 0.00612 | 0.0122 | |
| m and p-Xylene | ND | ug/L | 0.00086 | 0.0043 | |
| Methylene chloride | ND | ug/L | 0.0007 | 0.0035 | |
| Methyl-t-butyl Ether (MTBE) | ND | ug/L | 0.00072 | 0.0036 | |
| o-Xylene | ND | ug/L | 0.00086 | 0.0043 | |
| Propene | ND | ug/L | 0.00034 | 0.0017 | |
| Styrene | ND | ug/L | 0.00086 | 0.0043 | |

| QCBatchID: QC1211130 | Analyst: nicollez | Method: EPA TO-15 |
|---|---|---|
| Matrix: Air | Analyzed: 02/11/2019 | Instrument: VOA-MS (group) |

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---|---|---|---|---|---|
| **QC1211130MB1** | | | | | |
| Tetrachloroethene | ND | ug/L | 0.00136 | 0.0068 | |
| Toluene | ND | ug/L | 0.00076 | 0.0038 | |
| trans-1,2-dichloroethene | ND | ug/L | 0.0008 | 0.004 | |
| trans-1,3-dichloropropene | ND | ug/L | 0.0008 | 0.004 | |
| Trichloroethene | ND | ug/L | 0.00108 | 0.0054 | |
| Trichlorofluoromethane | ND | ug/L | 0.00112 | 0.0056 | |
| Vinyl acetate | ND | ug/L | 0.00175 | 0.0035 | |
| Vinyl Chloride | ND | ug/L | 0.00052 | 0.0026 | |
| Xylenes (Total) | ND | ug/L | 0.00086 | 0.0043 | |

## *Duplicate Summary*

| Analyte | Sample Amount | Duplicate Amount | Units | RPD | Limits RPD | Notes |
|---|---|---|---|---|---|---|
| **QC1211130DUP1** | | | | | | **Source: 412202-005** |
| 1,1,1-Trichloroethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,1,2,2-Tetrachloroethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,1,2-Trichloroethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,1-Dichloroethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,1-Dichloroethene | ND | ND | ug/L | 0.0 | 30 | |
| 1,2,4-Trichlorobenzene | ND | ND | ug/L | 0.0 | 30 | |
| 1,2,4-Trimethylbenzene | ND | ND | ug/L | 0.0 | 30 | |
| 1,2-Dibromoethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,2-Dichlorobenzene | ND | ND | ug/L | 0.0 | 30 | |
| 1,2-Dichloroethane | ND | ND | ug/L | 0.0 | 30 | |
| 1,2-Dichloropropane | ND | ND | ug/L | 0.0 | 30 | |
| 1,3,5-Trimethylbenzene | ND | ND | ug/L | 0.0 | 30 | |
| 1,3-Butadiene | ND | ND | ug/L | 0.0 | 30 | |
| 1,3-Dichlorobenzene | ND | ND | ug/L | 0.0 | 30 | |
| 1,4-Dichlorobenzene | ND | ND | ug/L | 0.0 | 30 | |
| 1,4-Dioxane | ND | ND | ug/L | 0.0 | 30 | |
| 2-Butanone (MEK) | ND | ND | ug/L | 0.0 | 30 | |
| 2-Hexanone | ND | ND | ug/L | 0.0 | 30 | |
| 4-Ethyltoluene | ND | ND | ug/L | 0.0 | 30 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ND | ug/L | 0.0 | 30 | |
| Acetone | ND | ND | ug/L | 0.0 | 30 | |
| Benzene | ND | ND | ug/L | 0.0 | 30 | |
| Benzyl Chloride | ND | ND | ug/L | 0.0 | 30 | |
| Bromodichloromethane | ND | ND | ug/L | 0.0 | 30 | |
| Bromoform | ND | ND | ug/L | 0.0 | 30 | |
| Bromomethane | ND | ND | ug/L | 0.0 | 30 | |
| Carbon disulfide | ND | ND | ug/L | 0.0 | 30 | |
| Carbon Tetrachloride | ND | ND | ug/L | 0.0 | 30 | |
| Chlorobenzene | ND | ND | ug/L | 0.0 | 30 | |
| Chlorodibromomethane | ND | ND | ug/L | 0.0 | 30 | |
| Chloroethane | ND | ND | ug/L | 0.0 | 30 | |
| Chloroform | ND | ND | ug/L | 0.0 | 30 | |
| Chloromethane | ND | ND | ug/L | 0.0 | 30 | |
| cis-1,2-Dichloroethene | ND | ND | ug/L | 0.0 | 30 | |
| cis-1,3-dichloropropene | ND | ND | ug/L | 0.0 | 30 | |
| Cyclohexane | ND | ND | ug/L | 0.0 | 30 | |
| Dichlorodifluoromethane | ND | ND | ug/L | 0.0 | 30 | |

| QCBatchID: QC1211130 | Analyst: nicollez | Method: EPA TO-15 |
|---|---|---|
| Matrix: Air | Analyzed: 02/11/2019 | Instrument: VOA-MS (group) |

| Analyte | Sample Amount | Duplicate Amount | Units | RPD | Limits RPD | Notes |
|---|---|---|---|---|---|---|
| **QC1211130DUP1** | | | | | | **Source: 412202-005** |
| Ethanol | ND | ND | ug/L | 0.0 | 30 | |
| Ethyl Acetate | ND | ND | ug/L | 0.0 | 30 | |
| Ethylbenzene | ND | ND | ug/L | 0.0 | 30 | |
| Heptane | ND | ND | ug/L | 0.0 | 30 | |
| Hexachlorobutadiene | ND | ND | ug/L | 0.0 | 30 | |
| Hexane | 0.0093 | 0.0086 | ug/L | 7.8 | 30 | |
| Isopropyl alcohol (IPA) | ND | ND | ug/L | 0.0 | 30 | |
| m and p-Xylene | 0.012 | 0.012 | ug/L | 0.0 | 30 | |
| Methylene chloride | 0.0031 | 0.0028 | ug/L | 10.2 | 30 | |
| Methyl-t-butyl Ether (MTBE) | ND | ND | ug/L | 0.0 | 30 | |
| o-Xylene | ND | ND | ug/L | 0.0 | 30 | |
| Propene | ND | ND | ug/L | 0.0 | 30 | |
| Styrene | ND | ND | ug/L | 0.0 | 30 | |
| Tetrachloroethene | ND | ND | ug/L | 0.0 | 30 | |
| Toluene | 0.019 | 0.019 | ug/L | 0.0 | 30 | |
| trans-1,2-dichloroethene | ND | ND | ug/L | 0.0 | 30 | |
| trans-1,3-dichloropropene | ND | ND | ug/L | 0.0 | 30 | |
| Trichloroethene | ND | ND | ug/L | 0.0 | 30 | |
| Trichlorofluoromethane | ND | ND | ug/L | 0.0 | 30 | |
| Vinyl acetate | ND | ND | ug/L | 0.0 | 30 | |
| Vinyl Chloride | ND | ND | ug/L | 0.0 | 30 | |
| Xylenes (Total) | 0.012 | 0.012 | ug/L | 0.0 | 30 | |

# Data Qualifiers and Definitions

## Qualifiers

| | |
|---|---|
| **A** | See Report Comments. |
| **B** | Analyte was present in an associated method blank. |
| **B1** | Analyte was present in a sample and associated method blank greater than MDL but less than RDL. |
| **BQ1** | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| **BQ2** | No valid test replicates. |
| **BQ3** | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| **BQ4** | Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch. |
| **BQ5** | Minor Dissolved Oxygen loss was observed in the blank water check. |
| **C** | Possible laboratory contamination. |
| **D** | RPD was not within control limits. The sample data was reported without further clarification. |
| **D1** | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| **D2** | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| **D3** | Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions. |
| **DW** | Sample result is calculated on a dry weigh basis. |
| **E** | Concentration is estimated because it exceeds the quantification limits of the method. |
| **I** | The sample was read outside of the method required incubation period. |
| **IR** | Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification. |
| **J** | Reported value is estimated |
| **L** | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| **L2** | LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch. |
| **M** | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| **M1** | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| **M2** | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| **N1** | Sample chromatography does not match the specified TPH standard pattern. |
| **NC** | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| **P** | Sample was received without proper preservation according to EPA guidelines. |
| **P1** | Temperature of sample storage refrigerator was out of acceptance limits. |
| **P2** | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| **P3** | Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low. |
| **Q1** | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| **Q2** | Analyte calibration was not verified and the result was estimated. |
| **Q3** | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| **S** | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| **S1** | The associated surrogate recovery was out of control limits; result is estimated. |
| **S2** | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| **S3** | Internal Standard did not meet recovery limits. Analyte concentration is estimated. |
| **T** | Sample was extracted/analyzed past the holding time. |
| **T1** | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| **T2** | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| **T3** | Sample received and analyzed out of hold time per client's request. |
| **T4** | Sample was analyzed out of hold time per client's request. |
| **T5** | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| **T6** | Hold time is indeterminable due to unspecified sampling time. |
| **T7** | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

## Definitions

| | |
|---|---|
| **DF** | Dilution Factor |
| **MDL** | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| **ND** | Analyte was not detected or was less than the detection limit. |
| **NR** | Not Reported. See Report Comments. |
| **RDL** | Reporting Detection Limit |
| **TIC** | Tentatively Identified Compounds |

Enthalpy Berkeley

2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900
(510) 486-0532

412236

Project Number: 307104
Site: Ensemble Parcel 61

Subcontract Laboratory:
Enthalpy Analytical (Orange)
931 W Barkley Avenue
Orange, CA 92868
(714) 771-9923
ATTN: Lisa Nguyen

Results due: 02/11/19 Report Level: II

Please send report to: Project Mgmt Team (ClientServices.berkeley@enthalpy.
*** Please report using Sample ID rather than Enthalpy (Berkeley) Lab #.

| Sample ID | Sampled | Matrix | Analysis | Lab # | Comments |
|---|---|---|---|---|---|
| RSS-1 | 02/08 14:30 | Air | TO15 | 307104-001 | |
| RSS-2 | 02/08 15:53 | Air | TO15 | 307104-002 | |

| Notes: | Relinquished By: | Received By: |
|---|---|---|
| | Date/Time: 02/08/19 | Date/Time: 02/11/19 11:35 |
| | Date/Time: | Date/Time: |

Signature on this form constitutes a firm Purchase Order for the services requested above.

ENTHALPY ANALYTICAL

# SAMPLE ACCEPTANCE CHECKLIST

**Section 1**

Client: EA-Berkeley  Project: 307104

Date Received: 2/11/19  Sampler's Name Present: ☐ Yes ☒ No

**Section 2**

Sample(s) received in a cooler? ☐ Yes, How many? _____ ☒ No (skip section 2)  Sample Temp (°C) (No Cooler): ambient

Sample Temp (°C), One from each cooler: #1: _____ #2: _____ #3: _____ #4: _____

*(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)*

Shipping Information: _____

**Section 3**

Was the cooler packed with: ☐ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: _____ #2: _____ #3: _____ #4: _____

| Section 4 | YES | NO | N/A |
|---|---|---|---|
| Was a COC received? | ✓ | | |
| Are sample IDs present? | ✓ | | |
| Are sampling dates & times present? | ✓ | | |
| Is a relinquished signature present? | ✓ | | |
| Are the tests required clearly indicated on the COC? | ✓ | | |
| Are custody seals present? | | ✓ | |
| If custody seals are present, were they intact? | | | ✓ |
| Are all samples sealed in plastic bags? (Recommended for Microbiology samples) | | | ✓ |
| Did all samples arrive intact? If no, indicate in Section 4 below. | ✓ | | |
| Did all bottle labels agree with COC? (ID, dates and times) | ✓ | | |
| Were the samples collected in the correct containers for the required tests? | ✓ | | |
| Are the containers labeled with the correct preservatives? | | | ✓ |
| Is there headspace in the VOA vials greater than 5-6 mm in diameter? | | | ✓ |
| Was a sufficient amount of sample submitted for the requested tests? | ✓ | | |

**Section 5** Explanations/Comments

Air canisters.

**Section 6**

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: [signature] Date: 02/11/19

GSO | GLS

800-322-5555
www.gso.com

**Ship From**
ENTHALPY ANALYTICAL, LLC
PROJECT MANAGEMENT
2323 FIFTH STREET
BERKELEY, CA 94710

**Ship To**
**ENTHALPY ANALYTICAL (ORANGE)**
**LISA NGUYEN**
**931 W BARKLEY AVE.**
**ORANGE, CA 92868**

**COD:** $0.00
**Weight:** 0 lb(s)
**Reference:**

**Delivery Instructions:**

**Signature Type:** STANDARD

**Tracking #: 543733450**

**PDS**

# ORC

# C

## ORANGE

## S92868A

97983809

Print Date: 2/8/2019 6:08 PM

**LABEL INSTRUCTIONS:**

**Do not copy or reprint this label for additional shipments - each package must have a unique barcode.**
Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
Step 2: Fold this page in half.
Step 3: Securely attach this label to your package and do not cover the barcode.

**TERMS AND CONDITIONS:**

By giving us your shipment to deliver, you agree to all of the GSO service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gso.com.

ENTHALPY ANALYTICAL

# Enthalpy Analytical - Berkeley Analytical Report

| | | | |
|---|---|---|---|
| Lab #: | 307104 | Location: | Ensemble Parcel 61 |
| Client: | Roux Associates | Prep: | METHOD |
| Project#: | 2760.0003 5000 | Analysis: | ASTM D1946-90 |
| Analyte: | Helium | Batch#: | 267646 |
| Matrix: | Air | Sampled: | 02/08/19 |
| Units: | ppmv | Received: | 02/08/19 |
| Units (Mol %): | MOL % | Analyzed: | 02/08/19 |

| Field ID | Type | Lab ID | Result | RL | Result (Mol %) | RL | Diln Fac |
|---|---|---|---|---|---|---|---|
| RSS-1 | SAMPLE | 307104-001 | ND | 1,800 | ND | 0.18 | 1.770 |
| RSS-2 | SAMPLE | 307104-002 | ND | 1,900 | ND | 0.19 | 1.850 |
| | BLANK | QC964255 | ND | 1,000 | ND | 0.10 | 1.000 |

ND= Not Detected
RL= Reporting Limit
Result Mol %= Result in Mole Percent

ENTHALPY ANALYTICAL

Batch QC Report

## Enthalpy Analytical - Berkeley Analytical Report

| | | | |
|---|---|---|---|
| Lab #: | 307104 | Location: | Ensemble Parcel 61 |
| Client: | Roux Associates | Prep: | METHOD |
| Project#: | 2760.0003 5000 | Analysis: | ASTM D1946-90 |
| Analyte: | Helium | Diln Fac: | 1.000 |
| Matrix: | Air | Batch#: | 267646 |
| Units: | ppmv | Analyzed: | 02/08/19 |

| Type | Lab ID | Spiked | Result | %REC | Limits | RPD | Lim |
|---|---|---|---|---|---|---|---|
| BS | QC964253 | 100,000 | 116,000 | 116 | 70-130 | | |
| BSD | QC964254 | 100,000 | 115,700 | 116 | 70-130 | 0 | 20 |

RPD= Relative Percent Difference

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# TASMAN EAST - THE HILL

**PARCELS 60 & 61, 2263 CALLE DEL MUNDO**
**SANTA CLARA, CA 95054**

**ENTITLEMENT RESUBMITTAL**
**JULY 27, 2020**

ENTITLEMENT RESUBMITTAL: JUNE 8, 2019
ENTITLEMENT RESUBMITTAL: DECEMBER 20, 2019
ENTITLEMENT RESUBMITTAL: APRIL 22, 2019
ENTITLEMENT SUBMITTAL 1: JULY 31, 2018

PLANNING APPLICATION
NUMBER PLN2018-13443

## PROJECT TEAM


- **DEVELOPER:**
  ENSEMBLE REAL ESTATE INVESTMENTS
  444 W. OCEAN BLVD., SUITE 650
  LONG BEACH, CA 90802
  TEL: 562.628.0587
  CONTACT: TYSON SAYLES
  EMAIL: TSAYLES@ENSEMBLE.NET

- **DEVELOPER**
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  EMAIL: STEVE@RETHINKDEV.COM

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- **LANDSCAPE ARCHITECT**
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- **DRY UTILITIES CONSULTANT**
  CONSULTANT TO OWNER
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  5820 STONERIDGE MALL ROAD #345
  PLEASANTON, CA 94588
  TEL: 925.467.1740
  CONTACT: ANDREW CUMMINS
  EMAIL: ANDREWC@DRYUTILITYDESIGN.COM

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## PROJECT DESCRIPTION

THE PROJECT IS LOCATED WITHIN THE TASMAN EAST FOCUS AREA. PARCEL 60, MEASURING APPROXIMATELY .96 ACRES, IS BOUND TO THE SOUTH BY CALLE DE MUNDO. PARCEL 61, MEASURING APPROXIMATELY .99 ACRES, IS BOUND TO THE SOUTH BY CALLE DE MUNDO AND IS LOCATED IMMEDIATELY TO THE WEST OF PARCEL 60. IN ADDITION TO THEIR MEETS AND BOUNDS THE PARCELS HAVE AN EASEMENT ALONG THEIR NORTH BOUNDARIES. THIS EASEMENT IS OUTLINED ON THE PROJECT SITE PLAN. THE PARCELS ARE WITHIN THE HILL DISTRICT AREA OF THE MASTER PLAN.

THE PROPOSED DEVELOPMENT ON PARCELS 60 & 61 REPLACES TWO EXISTING ONE STORY BUILDINGS AND ASSOCIATED SURFACE PARKING. THE PARCELS WILL BE MERGED AND DEVELOPED AS A MIXED USE MID-RISE BUILDING WITH RESIDENTIAL UNITS AND ASSOCIATED STRUCTURED PARKING. THE PROPOSED PROJECT IS 8-STORIES.

THE PROJECT CONNECTS TO THE BROADER MASTER PLAN BY ESTABLISHING PUBLIC OPEN SPACES, ACTIVATING SIDEWALKS, INCLUDING VARIED MASSING, AND ARCHITECTURALLY ADDRESSING ITS PRIMARY STREET FRONTAGE AND THE BROADER CONTEXT. A PORTION OF THE SITE IS DEDICATED AS PUBLIC PARK.

THE PROJECT AIMS TO PROMOTE A HEALTHY, RESILIENT COMMUNITY, THROUGH REDUCTION OF ON-SITE RESOURCE USAGE, DROUGHT TOLERANT LANDSCAPE APPROACHES, STORM WATER SOLUTIONS, SHADED OPEN SPACES, ON SITE ELECTRICAL VEHICLE CHARGING STATIONS AND SHARED VEHICLE ALLOWANCE, AND GREEN BUILDING STRATEGIES.

## PARCEL 60+61 (MID-RISE BUILDING)

PROJECT SUMMARY

| | |
|---|---|
| LOCATION: | PARCEL 60 & 61 - CALLE DE MUNDO |
| SPECIFIC PLAN: | TASMAN EAST FOCUS AREA PLAN |
| PARCEL AREA: | 43,000 (PARCEL 61) + 41,600 SF (PARCEL 60) = 84,600 TOTAL |
| AREAS: | 120,710 SF PARKING, 303,180 SF RESIDENTIAL, 650 SF COMMERCIAL CO-WORKING, 1,470 SF PARK AMENITI |
| LOT COVERAGE: | 74% |
| OCCUPANCY: | S-2 (PARKING GARAGE), R-2 (RESIDENTIAL UNITS), A-3 (ACCESSORY RESIDENTIAL AMENITY) |
| CONSTRUCTION TYPE: | TYPE IIIA OVER TYPE IA |
| BUILDING HEIGHT: | 85-FT PLUS APPURTENANCES |
| STORIES/HEIGHT ALLOWED: | 85-FT AND 5 STORIES OVER PARKING |
| SPRINKLERS: | FULLY SPRINKLERED (NFPA 13 SYSTEM) |

FIRE DEPT. ACCESS: BUILDING HAS FRONTAGE ON ONE PUBLIC RIGHT OF WAY. PORTIONS OF THE BUILDING ARE IN EXCESS OF 150-FT FROM THE R.O.W. THE ARCHITECT WILL COLLABORATE WITH THE FIRE DEPARTMENT TO DETERMINE ALTERNATE MEANS OF PROTECTION. SEE LETTER CONFIRMING PROJECT ADOPTION OF SPECIFIC MITIGATION MEASURES.

FOCUS AREA PLAN SUMMARY (FAP DATED 2/22/19)

| | REQUIRED | | PROVIDED |
|---|---|---|---|
| SETBACKS: | CALLE DE MUNDO | 5-FT | SEE G110 & G111 |
| STEPBACKS: | CALLE DE MUNDO | 5-FT AVG. FROM STREETWALL ABOVE 85-FT, MIN. 50% | SEE G110 & G111 |
| HEIGHT: | 85-FT MIDRISE HEIGHT, PLUS APPURTENANCES | | 85-FT, PLUS APPURTENANCES |
| BULK: | 80-FT PLAN LENGTH FOR CHANGE IN ARTICULATION | | SEE G110 & G111 |
| PARKING: | RESIDENTIAL: 1/DU > 550 SF, 0.5/DU < 550 SF<br>RESIDENTIAL GUEST: 0.05/DU | | SEE G002<br>SEE G002 |
| CAR SHARE: | 1:400DU | | SEE G002 |
| BIKE STORAGE: | CLASS ONE:1/2DU REQUIRED (1/DU PROVIDED) | | SEE G002 |
| OPEN SPACE: | 12.5% OF LOT AREA AS PRIVATE OPEN SPACE | | SEE G105 |

## VICINITY MAP

## SHEET INDEX

00 - GENERAL
CS COVER SHEET
G001 PROJECT INFORMATION
G002 PROJECT DATA
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## PROJECT MILESTONES

- ANTICIPATED PERMIT APPLICATION 2020
- GRADING & FOUNDATION 2020

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## PARKING TABULATION

### STALL TABULATION

| Level | Retail/Guest /Car Share... 9' x 18' | Residential Standard 8.5' x 17' | Residential Compact 7'-6" x 16' | Accessible 9' x 18' | EV Complia... 9' x 18' | Tandem | Total |
|---|---|---|---|---|---|---|---|
| | PARKING STALLS | | | | | | |
| 3 | | 97 | | | 3 | 10 | 110 |
| 2 | | 84 | | 6 | 3 | 8 | 101 |
| 1 | 15 | 67 | | 4 | 3 | 8 | 97 |
| Total | 15 | 248 | 0 | 10 | 9 | 26 | 308 |

308

### ACCESSIBLE PARKING CALCULATION*

| PARKING STALLS | Stall count | Percent | Accessible Total |
|---|---|---|---|
| Residential Parking at 2% of DU | 273 | 2% | 6 |
| Residential Guest Parking at 5% of stalls | 15 | 5% | 1 |
| Commercial Co-Working Parking (at 1:25 stalls) | 1 | 1:25 | 1 |
| Park Amenity Space (at 1:25 stalls) | 2 | 1:25 | 1 |
| Additional Un-assigned Parking at 5% of stalls | 17 | 5% | 1 |
| Total Accessible Parking Required | | | 10 |
| Total Accessible Parking Provided | | | 10 |

* Accessible stalls included in "required" and "provided" parking calculations

### ELECTRIC VEHICLE (EV) and CLEAN AIR VEHICLE PARKING CALCULATIONS*

| PARKING STALLS | Stall count | Percent | EV Total |
|---|---|---|---|
| Residential and guest spaces** | 306 | 3% | 9 |
| Commercial Co-Working Parking Spaces*** | 3 | 10-25 stalls | 0 |
| Commercial Clean Air Vehicle***** | 1 | 10-25 stalls | 0 |
| Total EV Compliant Parking Required | | | 9 |
| Total EV Compliant Parking Provided | | | 9 |
| Total EV Enabled Stalls **** | | | 308 |

* EV and Clean Air stalls included in "required" and "provided" parking calculations

** Per CAL Green - Residential Mandatory Measures - 3% of the total number of parking spaces provided for all types of parking facilities, capable of supporting future EVSE.

*** Per CAL Green Non-Residential Mandatory Measures - EV stalls to be provided for non-residential uses per table 5.106.5.3.3 (10-25 stalls ; 1 EV stalls)

**** 100% EV Enabled Stalls per Tasman East Focus Area Plan requirements (03.9 Parking Framework)

***** Commercial Clean Air Vehicle requirements per Cal Green Non-Residential Mandatory Measures

NOTE:

ONLY THE 3% OF EV STALLS REQUIRED BY CAL-GREEN ARE ANTICIPATED TO BE SIZED 9'X18', MEETING CAL-GREEN REQUIREMENTS.

### BICYCLE PARKING CALCULATIONS*

| BIKE PARKING* | Count | Percent | Bike Total |
|---|---|---|---|
| One space per Dwelling Unit | 301 | 1:2 | 151 |
| Once space per 3,750 sf of retail | 650 | 1:3,750 | 0 |
| Total Bike Parking Required | | | 151 |
| Total Bike Parking Provided | | | 151 |

* Secured Class I spaces.

7/7/2020

### REQUIRED

| RESIDENTIAL PARKING | | | |
|---|---|---|---|
| Dwelling Units Provided | 301 | | |
| Units > 550 gsf | 244 | | |
| Units < 550 gsf | 57 | | |
| Ratio Units > 550 gsf | 1 to 1 | Req'd: | 244 |
| Ratio Units < 550 gsf | 0.5 to 1 | Req'd: | 29 |
| Guest Parking Ratio | 1 to 0.05 | Req'd: | 15 |
| Car Share Parking | 1 to 400 du | Req'd: | 1 |
| | | Total | 289 |
| **COMMERCIAL CO-WORKING PARKING** | | | |
| Commercial Co-Working | 650 sf provided | | |
| Grocery Retail | 0 sf provided | | |
| Commercial Co-Working | 1:1,000 sf | Req'd: | 1 |
| Grocery | 1:500 sf | Req'd: | 0 |
| | | Total | 1 |

### PROVIDED

| RESIDENTIAL PARKING | |
|---|---|
| Parking Units > 550 gsf | 244 |
| Parking Units < 550 gsf | 29 |
| Guest Parking | 15 |
| Car Share Parking | 1 |
| Total | 289 |
| **COMMERCIAL CO-WORKING...** | |
| Commercial Co-Working 1:1,000 sf | 1 |
| Grocery 1:500 sf | 0 |
| Total | 1 |
| **ADDITIONAL PARKING** | 0 |
| Park Amenity Space | 2 |
| Surplus Stalls | 17 |
| Total Parking Provided | 308 |

## PRELIMINARY BUILDING AREA TABULATIONS

7/7/2020

| Level | Residential Net Rentable SF* | Residential Amenity SF** | Residential Circulation SF*** | Residential Total GSF | Commercial Co-Working SF | Park Amenity | Garage Total SF**** | Total GSF |
|---|---|---|---|---|---|---|---|---|
| ROOF | | | | | | | | 0 |
| 8 | 40,940 | 885 | 7,315 | 49,140 | 0 | 0 | 0 | 49,140 |
| 7 | 44,155 | 0 | 7,550 | 51,705 | 0 | 0 | 0 | 51,705 |
| 6 | 44,155 | 0 | 7,550 | 51,705 | 0 | 0 | 0 | 51,705 |
| 5 | 43,465 | 0 | 7,550 | 51,015 | 0 | 0 | 0 | 51,015 |
| 4 | 38,425 | 5,860 | 7,420 | 51,705 | 0 | 0 | 0 | 51,705 |
| 3 | 11,550 | 1,820 | 6,190 | 19,560 | 0 | 0 | 41,230 | 60,790 |
| 2 | 6,890 | 1,970 | 5,270 | 14,130 | 0 | 0 | 39,840 | 53,970 |
| 1 | 1,340 | 7,800 | 5,080 | 14,220 | 650 | 1,470 | 39,640 | 55,980 |
| Total | 230,920 | 18,335 | 53,925 | 303,180 | 650 | 1,470 | 120,710 | 426,010 |

426,010

NOTES:

* Residential Net Rentable SF calculation includes exterior, corridor and party walls

** Residential Amenity SF includes entry lobby, leasing office, club room, fitness room, etc

*** Residential Core SF include corridors, residential level lobbies, stairs, elevators, res. level utility spaces, etc

**** Garage Total SF includes all spaces inside garage footprint, such as mechanical/utility spaces, etc

Note: Level 1 area includes area within Townhomes located on L2

## FLOOR AREA BY HEIGHT

7/7/2020

| Level | Building Height | Floor Area | Area % by Floor |
|---|---|---|---|
| ROOF | 83' - 6" | 0 | 0% |
| 8 | 73' - 6" | 49,140 | 12% |
| 7 | 63' - 6" | 51,705 | 12% |
| 6 | 53' - 6" | 51,705 | 12% |
| 5 | 43' - 6" | 51,015 | 12% |
| 4 | 33' - 6" | 51,705 | 12% |
| 3 | 22' - 0" | 60,790 | 14% |
| 2 | 11' - 6" | 53,970 | 13% |
| 1 | 0' - 0" | 55,980 | 13% |
| Total | | 426,010 | 100% |

## SITE AREA CALCULATION

7/7/2020

| | GSF | ACRES |
|---|---|---|
| Site Area - Parcel 60 | 41,600 | 0.96 |
| Site Area - Parcel 61 | 43,000 | 0.99 |
| Site Area - Total | 84,600 | 1.94 |

## EXISTING LAND USES

7/7/2020

| Site | Use | Floor Area | Last Occupied |
|---|---|---|---|
| P60 | Light Industrial | 16,490 | Currently Occupied |
| P61 | Light Industrial | 17,470 | Currently Occupied |
| Total | | 33,960 | |

## PRELIMINARY UNIT MIX*

7/7/2020

| LEVEL | M1.1 MICRO 30'x16' 480 GSF | M1.2 MICRO 33'x16' 528 GSF | A1.1 1 BED 33'x20' 660 GSF | A1.2 1 BED 22'x30' 660 GSF | A1.4 1 BED 24'x25' 600 GSF | A2.1 1 BED 24'X30' 720 GSF | A3.1 1 BED 24'X25' 600 GSF | A4.1 1 BED 40'X25' 735 GSF | A5.1 1 BED VARIES 775 GSF... | B1.1 2 BED 28.5'X33' 940.5 GSF | B2.1 2 BED 35'X30' 1050 GSF | B3.1 2 BED VARIES 890 GSF... | C3.1 3 BED 43'X30' 1290 GSF | LV /WK 1 BED CUSTOM 1800 GSF | UNIT TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 1 | 10 | 6 | 1 | - | 10 | 5 | 5 | - | 5 | 11 | - | - | - | 54 |
| 7 | 1 | 10 | 6 | 1 | - | 11 | 7 | 5 | - | 5 | 11 | - | 1 | - | 58 |
| 6 | 1 | 10 | 6 | 1 | - | 11 | 7 | 5 | - | 5 | 11 | - | 1 | - | 58 |
| 5 | 1 | 10 | 6 | 1 | - | 10 | 7 | 5 | - | 5 | 11 | - | 1 | - | 57 |
| 4 | 2 | 11 | 6 | - | - | 9 | 7 | 3 | - | 5 | 8 | - | 1 | - | 52 |
| 3 | - | - | - | - | - | - | - | - | 11 | - | 1 | 1 | - | - | 13 |
| 2 | - | - | - | - | - | - | - | - | 6 | - | - | 1 | - | - | 7 |
| 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 |
| TOTAL | 6 | 51 | 30 | 4 | 0 | 51 | 33 | 23 | 17 | 25 | 53 | 2 | 4 | 2 | 301 |
| | 2% | 17% | 10% | 1% | 0% | 17% | 11% | 8% | 6% | 8% | 18% | 1% | 1% | 1% | |
| % | 19% | | | | | 52% | | | | | | 28% | | 1% | 100% |
| | 2,880 | 26,928 | 19,800 | 2,640 | 0 | 36,720 | 19,800 | 16,905 | 13,175 | 23,513 | 55,650 | 1,780 | 5,160 | 3,600 | 228,551 |

759

* Unit GSF includes exterior, corridor and party walls

** As calculated in the Preliminary Building Area Tabulation

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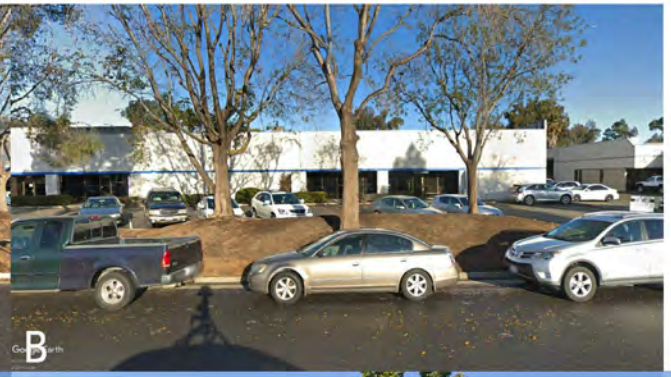
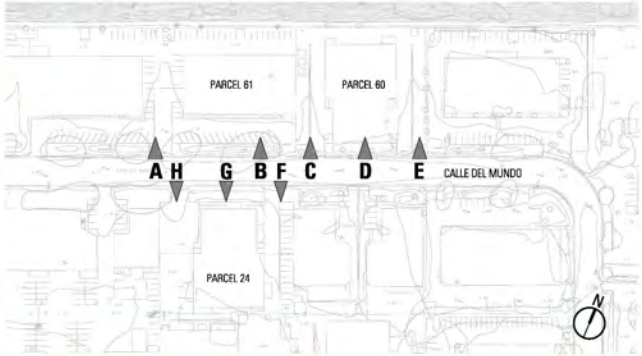
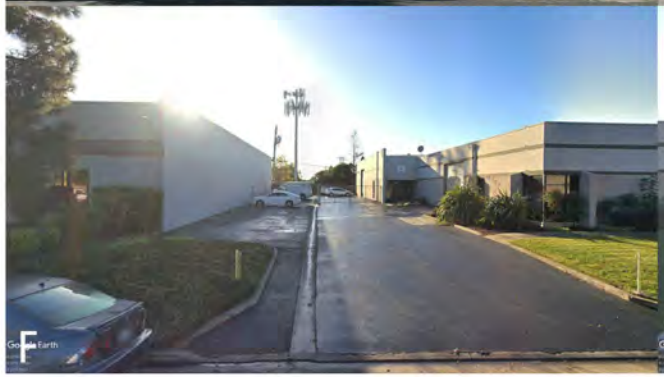
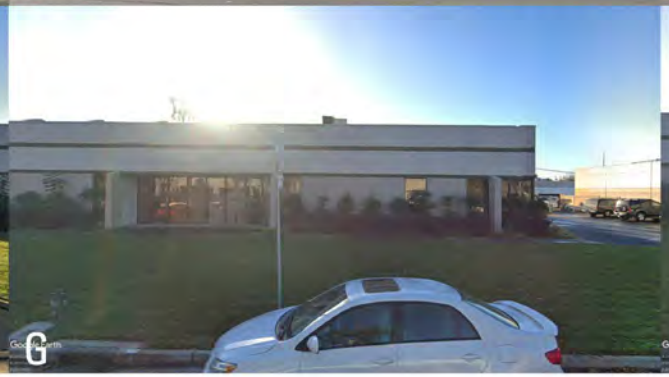
## EXISTING CONDITIONS





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**TASMAN EAST - THE HILL**
SANTA CLARA, CA

2263 CALLE DEL MUNDO, SANTA CLARA, CA

07/27/2020 | 18020

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EXISTING CONDITIONS

G010

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **TASMAN EAST - THE HILL**<br>SANTA CLARA, CA | 2263 CALLE DEL MUNDO, SANTA CLARA, CA | | | | | | SITE CONTEXT |
| | | 07/27/2020 | 18020 | BARarchitects | ENSEMBLE REAL ESTATE INVESTMENTS | RE THINK Development | G011 |

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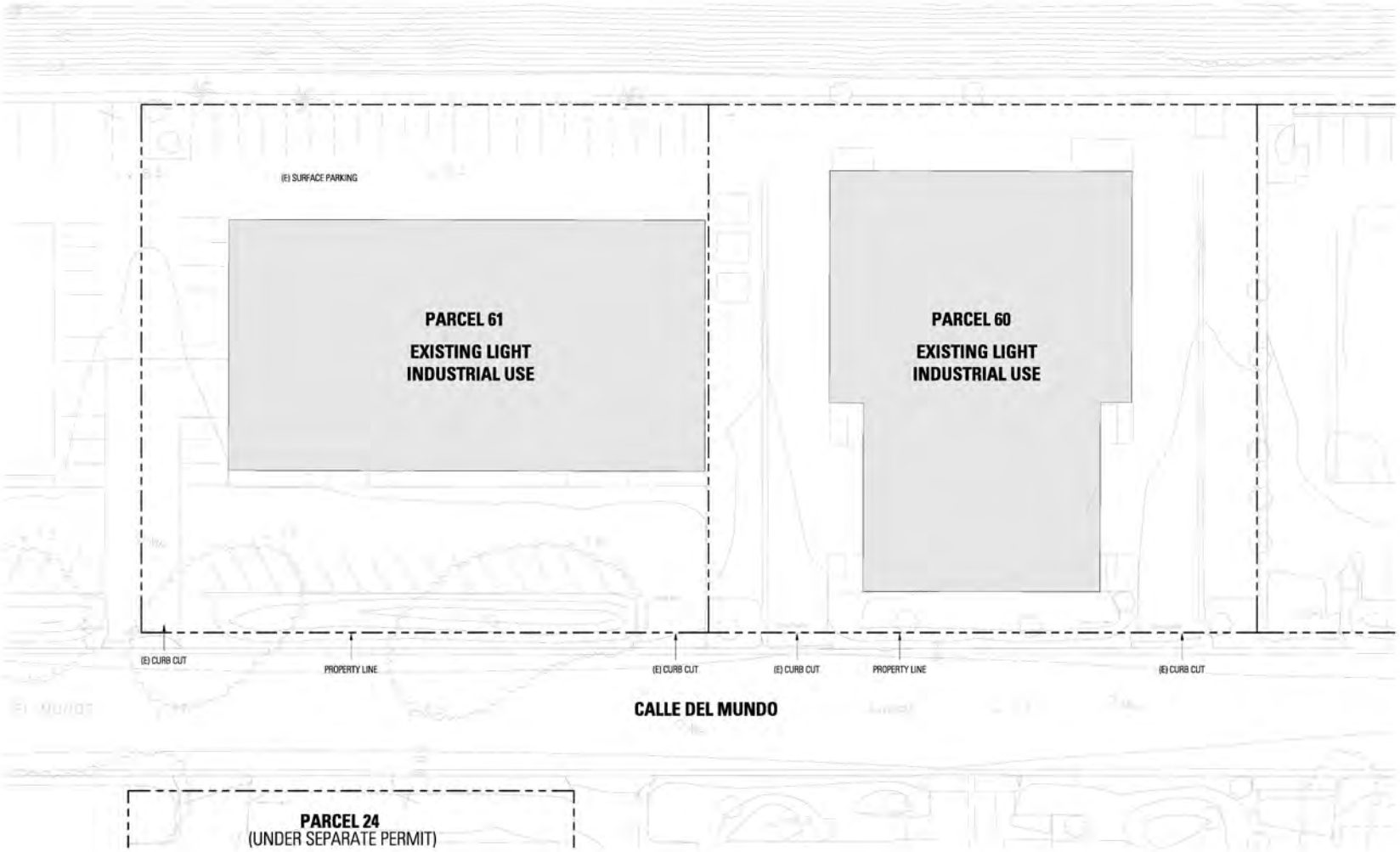


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SITE PLAN -EXISTING

G100

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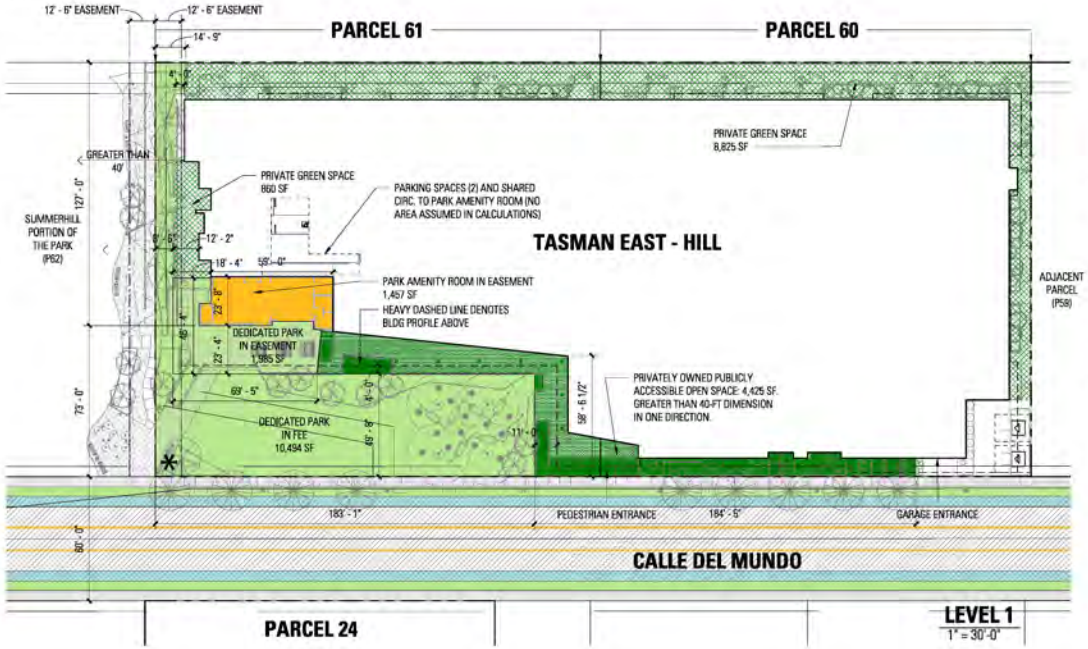
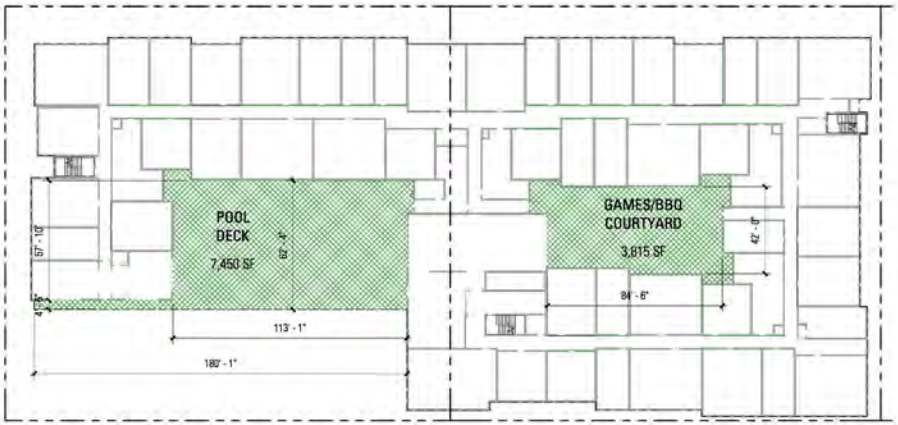



**LEVEL 1**
1" = 30'-0"




**LEVEL 4 (PODIUM)**
1" = 30'-0"

## OPEN SPACE LEGEND

- PRIVATE OPEN SPACE
- VEHICULAR DRIVE/PARKING
- DEDICATED PUBLIC OPEN SPACE
- PRIVATELY OWNED PUBLICLY ACCESSIBLE OPEN SPACE
- * DEDICATED PARKLAND SIGNAGE LOCATION

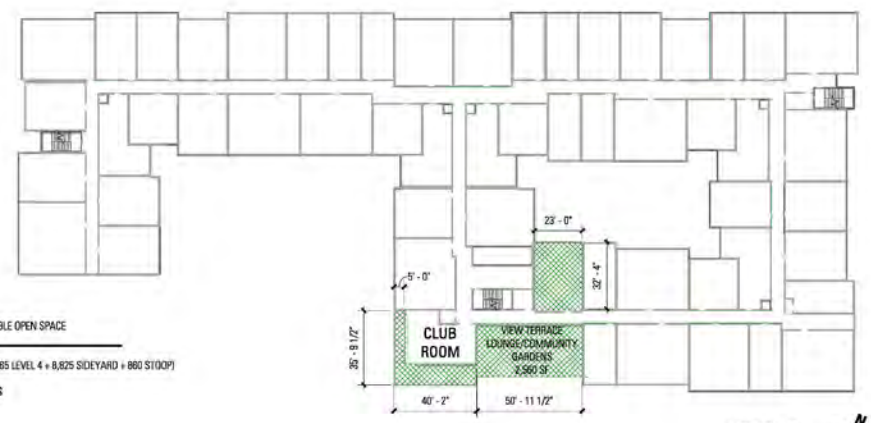
**Hillside TEFA Dedicated Park Requirements**

| Parcel | Parcel SF | Land Percentage of Hill District | Proportion of Park Area Req'd for Hill District Compliance | Contiguous Park SH&Ensemble | St. Anton Park Req |
|---|---|---|---|---|---|
| 59 (St Anton) | 49,660 | 19% | | | Exempted |
| 60 (Ensemble) | 41,600 | 16% | 5,753 | 5,753 | |
| 61 (Ensemble) | 43,000 | 16% | 5,947 | 5,947 | |
| 62 (SHH) | 43,000 | 16% | 5,947 | 5,947 | |
| 63 (SHH) | 40,334 | 15% | 5,578 | 5,578 | |
| 64 (SHH) | 49,767 | 19% | 6,883 | 6,883 | |
| | 267,361 | 100% | 30,107 | 30,107 | - |

| | | Required | Provided | |
|---|---|---|---|---|
| Ensemble | Dedicated Park in Fee | | 10,494 | |
| | Dedicated Park in Easement | | 1,985 | |
| | Park Amenity Room | | 1,457 | |
| Ensemble Total | | 11,700 | 13,936 | complies |
| SummerHill | | 18,407 | 18,400 | |
| | | 30,107 | 32,336 | 0.75 acre |

St Anton to provide TBD

SITE AREA: 84,600 SF
12.5% REQ'D OPEN SPACE: 10,575 SF REQ'D FIXED & FLEXIBLE OPEN SPACE
PROVIDED:
- PUBLICLY ACCESSIBLE: 4,425 SF
- PRIVATE TOTAL: 22,602'SF (2,560 LEVEL 8 + 11,265 LEVEL 4 + 8,825 SIDEYARD + 860 STOOP)
  x 0.5 = 11,800 SF CONTRIBUTING
  TOTAL: 18,225 SF, PROJECT COMPLIES




**LEVEL 8**
1" = 30'-0"

NOTE: THIS SHEET ILLUSTRATES COMPLIANCE WITH OPEN SPACE REQUIREMENTS OF THE TASMAN EAST FOCUS AREA SPECIFIC PLAN. FOR CITY OF SANTA CLARA PARKLAND DEDICATION ORDINANCE COMPLIANCE SEE SHEET L5.1 & L5.2

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OPEN SPACE DIAGRAMS

G105

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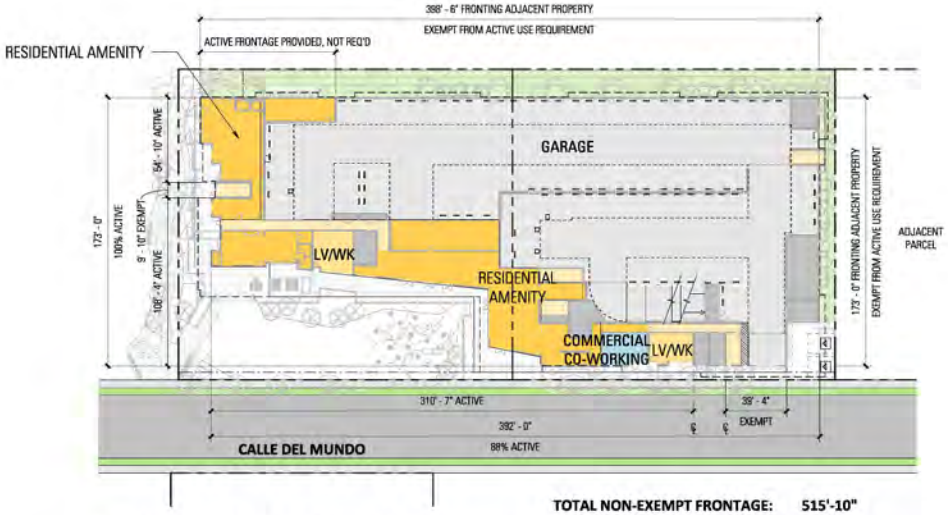


TOTAL NON-EXEMPT FRONTAGE: 515'-10"
ACTIVE FRONTAGE: 473'-9"
92%

## 2 G106 ACTIVE FRONTAGE DIAGRAM
1" = 40'-0"

## 1 G106 CALLE DEL MUNDO - APPARENT FACE
1" = 20'-0"

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FRONTAGE DIAGRAMS

G106

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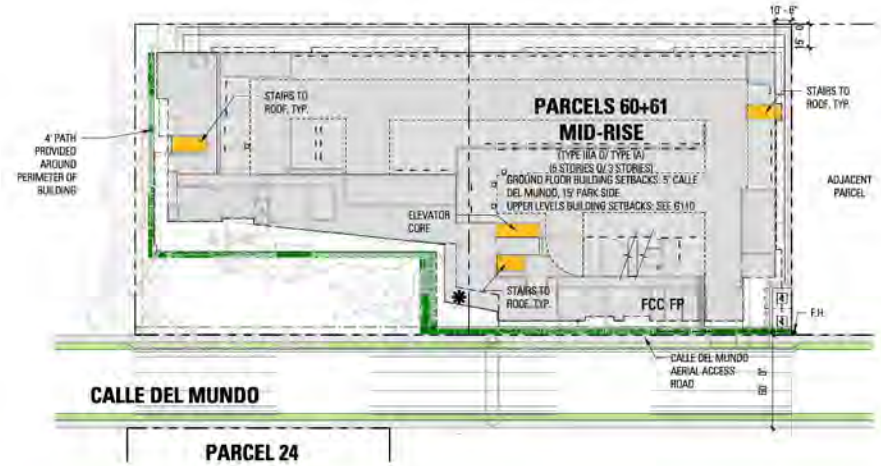
ADDITIONAL CODE AND JURISDICTIONAL NOTES TO BE INCLUDED FOR PERMIT PHASE AND/OR CONSTRUCTION AND OCCUPANCY PHASES AS APPLICABLE:

1. Required fire flow from the Water & Sewer Department in accordance with the California Fire Code shall be incorporated into the submittal.
2. The property shall be fenced off during demolition and construction as a safety barrier to the public and deterrent to theft and other crime. Fence screening material shall be coordinated with Police Department.
3. Address numbers shall be a minimum of twelve (12) inches in height for commercial addresses. Addresses will be externally illuminated during dark hours and shall be clearly visible from the street. Each unit/building address shall be clearly visible.
4. Businesses with rear alley entrance doors shall be numbered with the same address numbers or suite numbers as the front doors. Numbers that are a minimum height of 4" are recommended.
5. There shall be positioned near the entrance an illustrative diagram of the complex, which shows the location of the viewer and unit designations within the complex, including separate building designations. This diagram shall be illuminated and should be protected by vandal and weather resistant covers.
6. Each distinct unit within the building shall have its address displayed on or directly above both front and rear doors.
7. When there is an alley or driveway to the rear of the business or commercial establishment that provides pedestrian or vehicle access, that area should be fenced and locked after hours. A 'Knox Box' or key coded system shall be used for police and fire emergency access.
8. Lighting for the project to be at IES (Illuminating Engineering Society of North America) standards and include the features listed below: White light source, pedestrian scale, Full cut-off or shoebox design, Unbreakable exterior, Tamper proof Housings, Wall mounted lights/10' high. These features increase natural surveillance, support and/or enhance security camera capabilities, and increase Police Patrol effectiveness.All exterior doors should be adequately illuminated at all hours with their own light source.
9. All construction of dwelling units shall conform to the requirements of the Uniform Building Security Code as adopted by the City of Santa Clara City Council.
10. All elevators should be well lit and equipped with a security mirror to provide interior and exterior visibility prior to entry or exit.
11. Consider convex mirrors for elevator cabs and at stairwell landings in order to enhance natural surveillance for the user of the elevator or stairs. It is highly desirable to design an elevator shaft and cab to be transparent, making occupants of the cab visible from the outside. All elevators should be well lit and equipped with a security mirror to provide interior and exterior visibility prior to entry or exit.
12. All business or commercial establishments, of whatever nature, should have an electronic intruder alarm system installed. The system should cover the interior and perimeter of structures determined to be a value target. Also, consideration should be given to the exterior areas that are or certain value targets, such as product display lot,company vehicle parking area, etc.
13. The installation and use of interior and exterior security cameras and recording devices is highly encouraged.
14. The parking structure/site should be equipped with a centrally located emergency panic alarm system that reports to a central office. If more than one button/call station is installed, the emergency system should always be in visual distance from another emergency call station. There should not be more than 300 feet separating each call station, which is the current industry standard.
15. Exterior stairs shall be open style whenever structurally possible. The stairs should be well lit.
16. "White" light meeting the IES standard should be considered. There should be no "dark" areas inside the structure.
17. The interior of the parking structure should be painted light, highly reflective color. This increases the natural lighting available and can help prevent dark areas that attract criminal activity.
18. All entrances to the parking areas (structure, surface, subterranean, etc.) shall be posted with appropriate signage to discourage trespassing, unauthorized parking, etc. per California Vehicle Code section 22658 (a).
19. Alcoves and other visual obstructions that might constitute a hiding place will be minimized. Pillars, columns, and other open construction are provided in lieu of a solid wall design
20. Storage, maintenance, and trash rooms within the parking garage shall have doors which cannot be locked from the inside and that close and lock quickly and automatically upon exit.
21. A Coded Entry System is required for police access to enclosed parking lots and gated communities. This can be accomplished with a coded key pad system or the Police Department Knox Box key system.
22. Public Safety Radio Systems Penetration Guidelines have been established by the City of Santa Clara Communications Department for radio signal penetration during emergencies. The project may be required to install equipment for adequate radio coverage for the City of Santa Clara Radio Communications System, including but not limited to Police and Fire emergency services. The developer will contact the director of communications to determine requirements.
23. Developer of the structure shall provide and install the radio retransmission equipment necessary to restore communications capabilities as required by the official. The equipment shall be located in an approved space or area within the new structure.
24. Upon separate application for retail occupancy, applicant shall contact the Santa Clara Police Department 'Permits' unit (408-615-4568) for regulated activity special licensing requirements
25. Upon separate application for retail occupancy, applicant shall contact the Santa Clara Police Department 'Intelligence' unit (408-615-4848) for Alcohol Beverage Control (ABC) licensing review.
26. After separate application for retail occupancy, the business shall undergo a 6 month and 1 year review, including a check for ABC violations and police service calls
27. Upon separate application for retail occupancy, applicant shall contact the Santa Clara Police Department 'Intelligence' unit (408-615-4848) for entertainment permit requirements.
28. Upon separate application for retail occupancy, all business or commercial establishments, of whatever nature, should have a comprehensive internal security plan, tailored to the specific use. This should include, but not limited to, employee security during working hours, after hours security, disaster preparation, etc. For retail uses, especially where there is cash on hand, robbery and cash security protocols should be established. Applicants are encouraged to contact the Santa Clara Police Department's Community Services Unit (408-615-4869) for assistance.




## SITE PLAN - FIRE/CODE SITE PLAN

1" = 40'-0"

STAIR / ELEVATOR CORE

LOBBY / MAIN ENTRANCE

150' FIRE HOSE EXTENSION

**NOTE: FIRE HYDRANT LOCATONS TBD**

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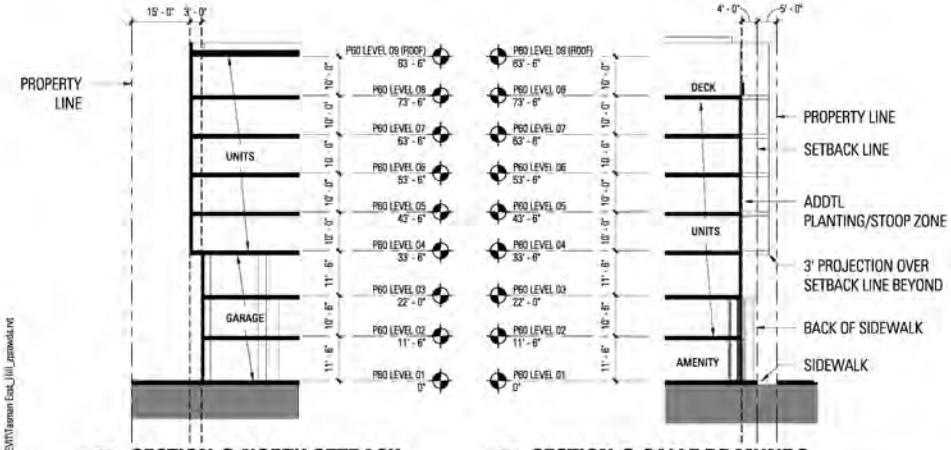
**FOCUS AREA PLAN SUMMARY**

(DATED 02/22/19)

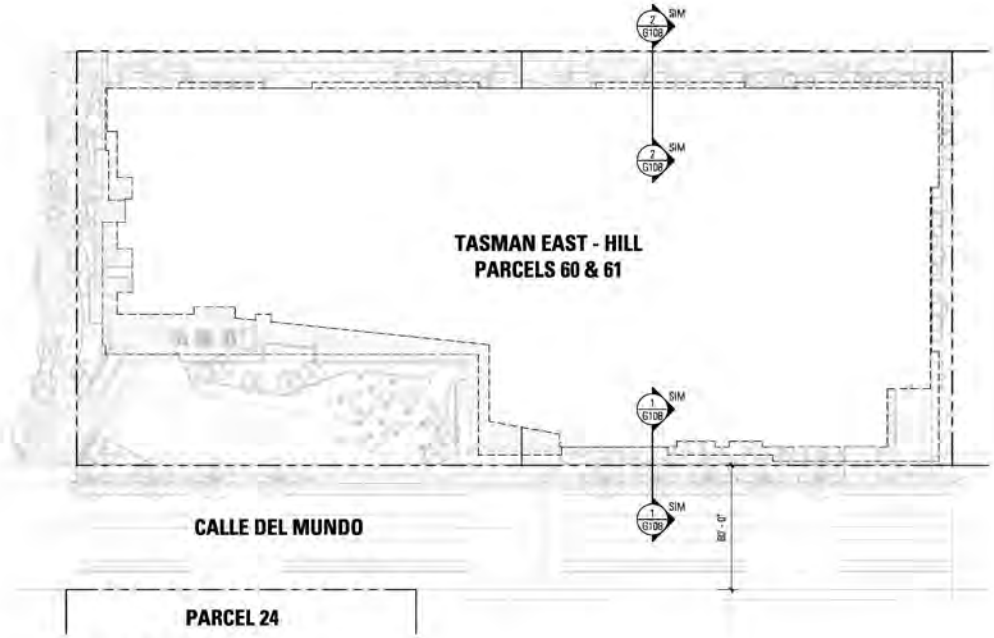
STREET SECTIONS (SEE CIVIL DRAWINGS):

CALLE DEL MUNDO - 80' R.O.W.; 41' CURB-TO-CURB
- (1) 11' DRIVE LANE / TURN LANE
- (2) 10' DRIVE LANES
- (2) 5' BIKE LANES
- (2) 4.5' STREET LIFE ZONES
- (2) 5' WIDE SIDEWALK
- 5' BUILDING SETBACK AT GROUND LEVEL
- 5' AVERAGE BUILDING STEP-BACK AT 65' ELEVATION FOR 50% OF FRONTAGE
- BUILDING AREA MAY PROJECT UP TO 3' INTO THE SETBACK ABOVE 12' (BAY WINDOW)




2 G108 **SECTION @ NORTH SETBACK** 1/16" = 1'-0"

1 G108 **SECTION @ CALLE DE MUNDO** 1/16" = 1'-0"




3 G108 **BUILDABLE AREA DIAGRAM** 1" = 30'-0"

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SANTA CLARA, CA

2263 CALLE DEL MUNDO, SANTA CLARA, CA

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BUILDABLE AREA DIAGRAMS

G108

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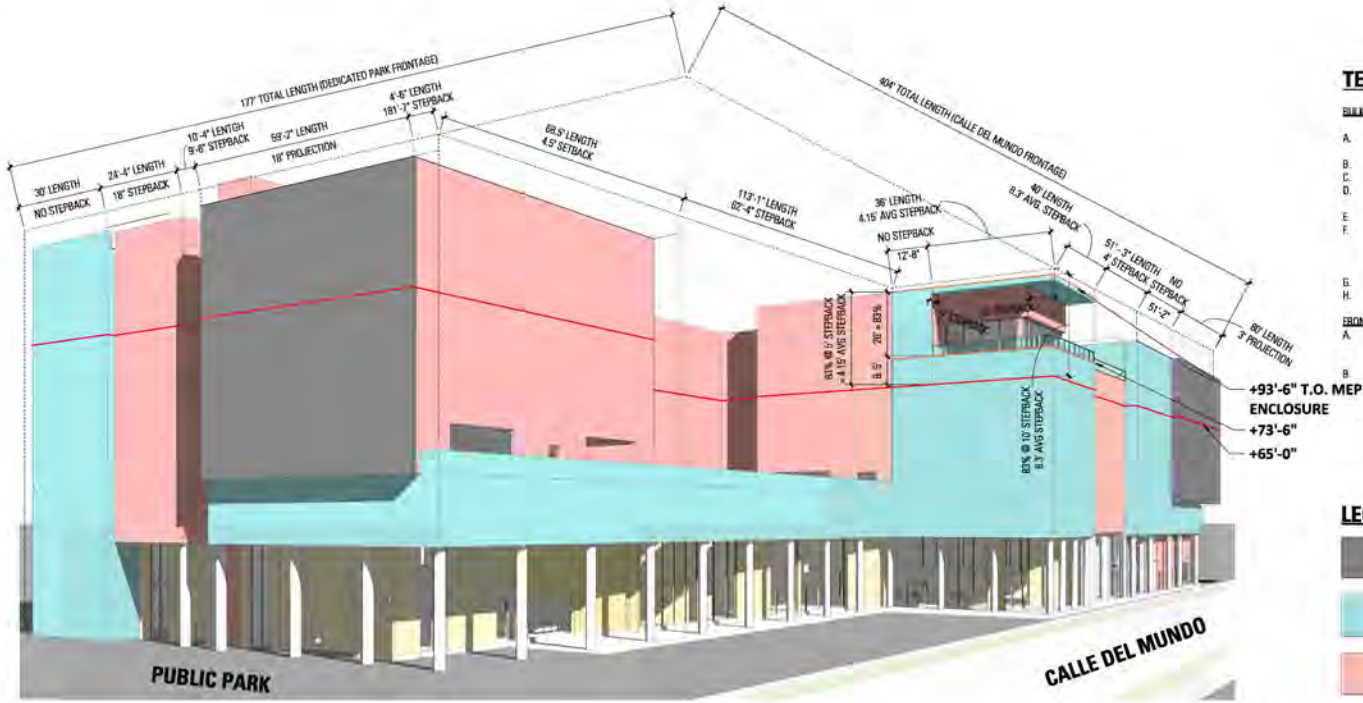


## TEFAP REQUIREMENTS (DATED 02/22/19)

BULK AND MASSING

A. INDIVIDUAL BUILDINGS SHALL BE NO MORE THAN 300' IN LENGTH
   - 15' DEEP NOTCH, MIN. 40' DEEP REQUIRED TO BREAK UP MASSING IF EXCEEDS 300'
B. 220' MAXIMUM TOWER HEIGHT PER FAA
C. 85' MAXIMUM HEIGHT OF MID-RISE AND/OR TOWER BASE
D. 5' AVERAGE STEPBACK FROM THE STREET WALL, INCLUDING RECESSES AND PROTRUSIONS, FOR A MINIMUM OF 50% OF EACH BUILDING FRONTAGE. BALCONIES ARE PERMITTED IN RECESSES.
E. STREETWALL SHALL BE VARIED AND ARTICULATED TO CREATE DIVERSITY OF SPACES
F. TO MODULATE THE STREETWALL, THERE SHALL BE A CHANGE IN PLANE OF AT LEAST 3' IN THE HORIZONTAL DIMENSION COMBINED WITH A CHANGE IN MATERIAL OR FENESTRATION; OR A VERTICAL NOTCH OF AT LEAST 3' DEEP AND 5' WIDE, COMBINED WITH A CHANGE IN MATERIAL OR FENESTRATION (SEE ELEVATIONS SHEETS A210, A211)
G. MASSING CHANGES SHALL RELATE TO OVERALL BUILDING DESIGN
H. MASSING SHALL CONSIDER EFFECT ON GROUND LEVEL PUBLIC ENVIRONMENT

FRONTAGES

A. ALL BUILDINGS SHALL BE SET BACK BETWEEN 5' AND 10' HORIZONTALLY FROM THE PROPERTY LINE OR SIDEWALK EASEMENT EXCEPT WHERE A BUILDING NOTCH IS PROVIDED TO COMPLY WITH STANDARD 6.2A IN WHICH CASE SETBACK MAY EXCEED 10'.
B. ELEMENTS PERMITTED TO ENCROACH INTO THE SETBACK ZONE INCLUDE
   - BUILDING AREA UP TO 3', 12' MIN ABOVE SIDEWALK
   - ARCHITECTURAL ELEMENTS UP TO 2', 8' ABOVE SIDEWALK
   - CANOPIES AND AWNINGS UP TO 8', 10' ABOVE SIDEWALK
   - PLANTING BEDS FULL DEPTH OF SETBACK, UP TO 48" HIGH

## LEGEND

ELEMENT PROJECTS BEYOND "STREET WALL" (3' MAX ABOVE 12')

ELEMENT DEFINES "STREET WALL" (5' MIN SETBACK FROM SIDEWALK EASEMENT OR PARK; 10' MAX.)

ELEMENT IS STEPPED BACK FROM "STREET WALL" (5' AVERAGE STEPBACK* FOR 50% OF FRONTAGE ABOVE 65')

**BULK AND MASSING ITEM D, STEPBACK CALCULATION:**

**REQUIRED:**
5' average stepback from street wall above 65', including recesses and projections, for 50% minimum of the frontage length.

**PROVIDED:**

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PUBLIC PARK FRONTAGE:** | **7.52' average, for 75.8% of the frontage length** | | | | | | | | | | | | | | |
| Length: | 24.3' | + | 10.3' | + | 59.16' | + | 4.5 | + | 36 | = 134.26' | = **75.8%** *of 177' total length* | | | | |
| Weighted Average Stepback: | 0.27' | + | 0.73' | + | -0.66' | + | 6.08 | + | 1.1' | | = **7.52'** *average stepback* | | | | |
| | *(1.5' * 24.3'/134.26')* | | *(9.5' * 10.3'/134.26')* | | *(-1.5' * 59.25'/134.26')* | | *(181.6' * 4.5'/134.26')* | | *(4.15' * 36/134.26')* | | | | | | |
| **CALLE DEL MUNDO FRONTAGE:** | **21.68' average, for 87% of the frontage length** | | | | | | | | | | | | | | |
| Length: | 68.5' | + | 113' | + | 40' | + | 51.25' | + | 80 | = 352.75' | = **87%** *of 386' total length* | | | | |
| Weighted Average Stepback | 0.87' | + | 19.96' | + | 0.94' | + | 0.59' | + | -0.68 | | = **21.68'** *average stepback* | | | | |
| | *(4.5'*68.5'/352.75')* | | *(62.3'*113'/352.75')* | | *(8.3'*40'/352.75')* | | *(4'*52.25/352.75')* | | *(-3*80/352.75')* | | | | | | |

Notes:
1. Where stepback begins above 65', stepback is calculated as a weighted average of all portions of the frontage segment located above 65'.
2. Projections are included in the stepback calculation as a negative value, as required by the TEFAP.

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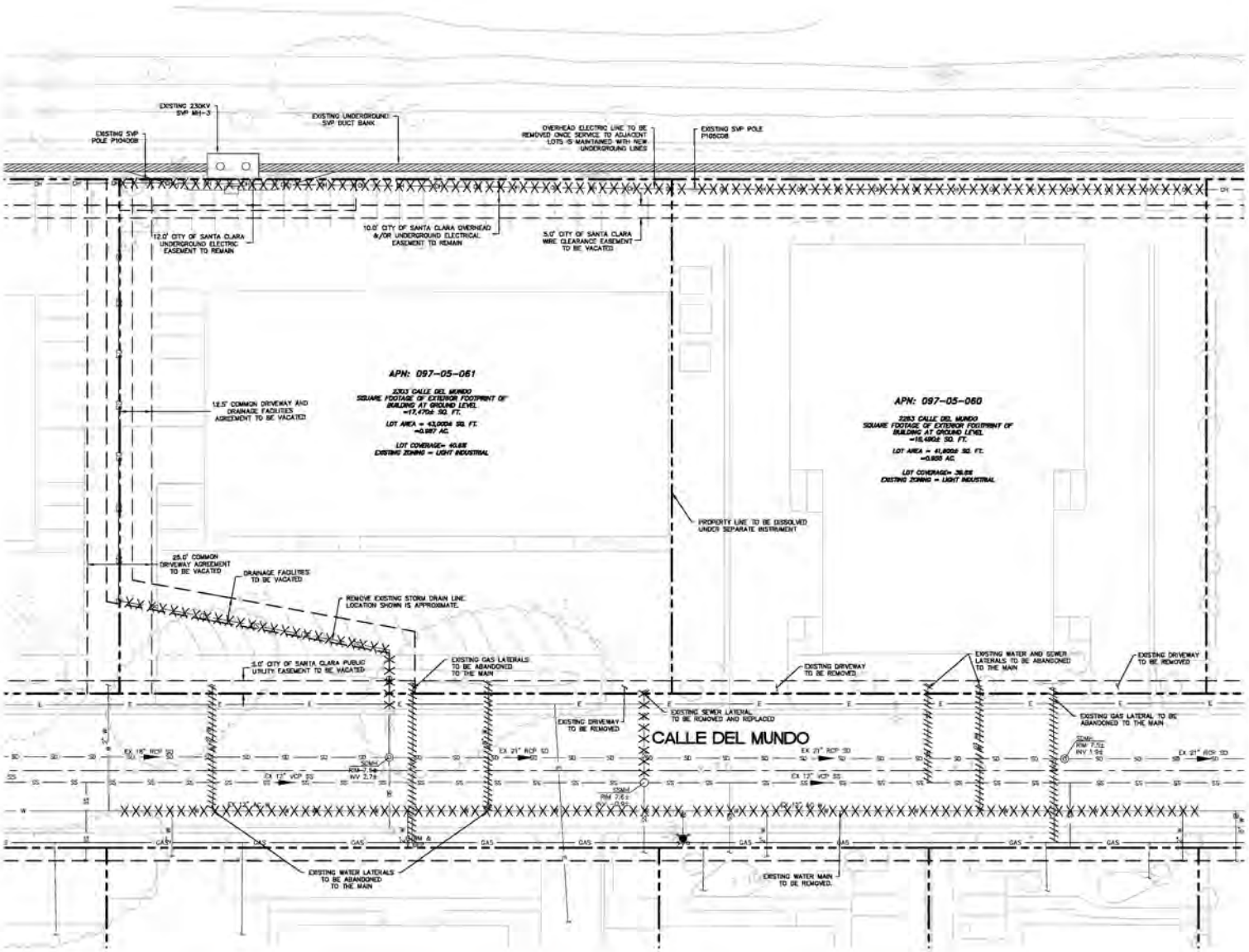


## LEGEND

| | |
|---|---|
| PROPERTY LINE | |
| STREET CENTER LINE | |
| EASEMENT LINE | |
| STORM DRAIN | SD |
| SANITARY SEWER | SS |
| DOMESTIC WATER | W |
| NATURAL GAS | GAS |
| OVER HEAD ELECTRIC LINE | OH |
| DUCT BANK | |
| UNDERGROUND ELECTRIC LINE | E |
| EXISTING FENCE | |
| STORM DRAIN MANHOLE | SDMH |
| SANITARY SEWER MANHOLE | SSMH |
| CATCH BASIN | CB |
| FIRE HYDRANT | |
| JOINT UTILITY POLE | |
| SIGN | |
| STREETLIGHT | |
| SPOT ELEVATION | |
| GAS METER/VALVE | |
| REMOVE EX. UTILITY LINE | XXXXXXX |
| ABANDON EX. UTILITY LINE | |

## ABBREVIATIONS

| | |
|---|---|
| AD | AREA DRAIN |
| AVG. | AVERAGE |
| BB | BUBBLER BOX |
| BFP | BACKFLOW PREVENTER |
| BOT | BOTTOM |
| BW | BACK OF WALK |
| CONC. | CONCRETE |
| CL | CENTERLINE |
| CO | CLEANOUT |
| CY | CUBIC YARDS |
| DI | DROP INLET |
| DIA. | DIAMETER |
| E.E | ELECTRICAL EASEMENT |
| ESMT | EASEMENT |
| EX.(E) | EXISTING |
| EG | EXISTING GROUND |
| ELEV. | ELEVATION |
| DI | DRAINAGE INLET |
| FG | FINISHED GRADE |
| FC | FACE OF CURB |
| FF | FINISHED FLOOR |
| FL | FLOW LINE |
| FT | FEET |
| HP | HIGH POINT |
| INV | INVERT |
| LG | LIP OF GUTTER |
| LP | LOW POINT |
| M-M | MONUMENT TO MONUMENT |
| N.T.S. | NOT TO SCALE |
| O.C. | ON CENTER |
| OFD | OVER FLOW DRAIN |
| PERF. | PERFORATED |
| PL | PROPERTY LINE |
| P.U.E | PRIVATE UTILITY EASEMENT |
| RC | RELATIVE COMPACTION |
| SD | STORM DRAIN |
| SDCB | STORM DRAIN CATCH BASIN |
| SDMH | STORM DRAIN MANHOLE |
| SF | SQUARE FOOT |
| SS | SANITARY SEWER |
| SSMH | SANITARY SEWER MANHOLE |
| SW | SIDEWALK |
| TB | TRIG |
| T.B.D. | TO BE DETERMINED |
| TYP. | TYPICAL |
| UGEE | UNDERGROUND ELECTRICAL EASEMENT |

GRAPHIC SCALE

( IN FEET )
1 inch = 20 ft.

**TASMAN EAST - THE HILL**

SANTA CLARA, CA

CALLE DEL MUNDO, SANTA CLARA, CA

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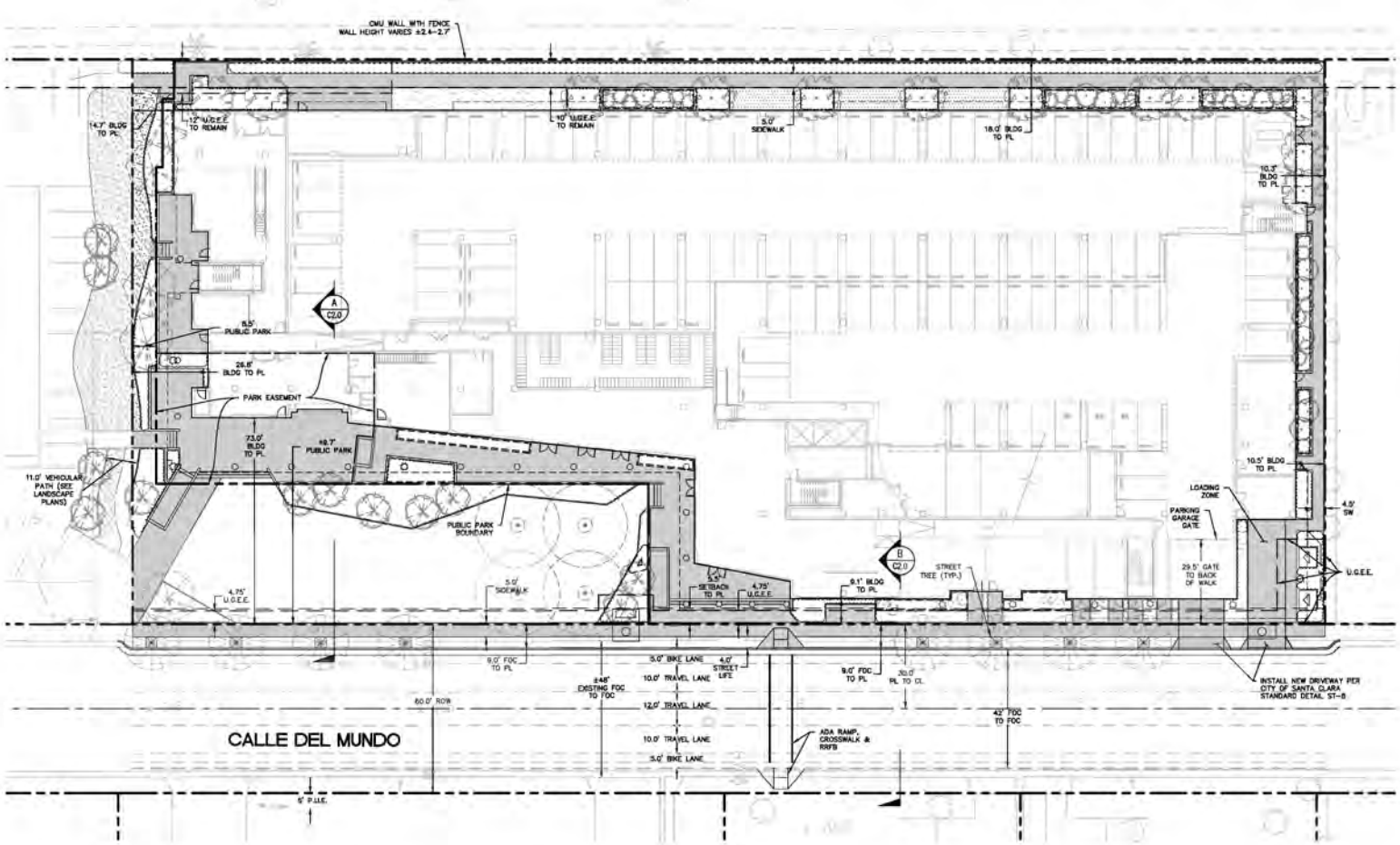
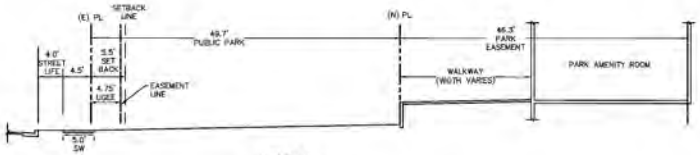
EXISTING CONDITIONS

SCALE: 1"=20' | C1.0

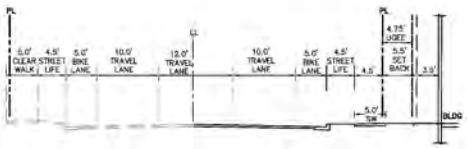



## LEGEND

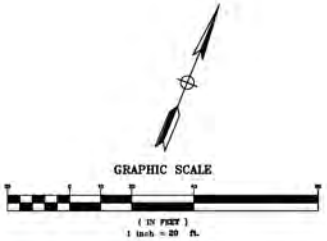
- PROPERTY LINE
- STREET CENTER LINE
- EASEMENT LINE
- SETBACK LINE
- VERTICAL CURB
- VERTICAL CURB & GUTTER
- CONCRETE PAVING
- FLOW-THROUGH TREATMENT PLANTER
- BIORETENTION BASIN
- BUILDING OVERHANG
- TRANSFORMER (BY OTHERS)
- SWITCHGEAR (BY OTHERS)




SECTION A




SECTION B

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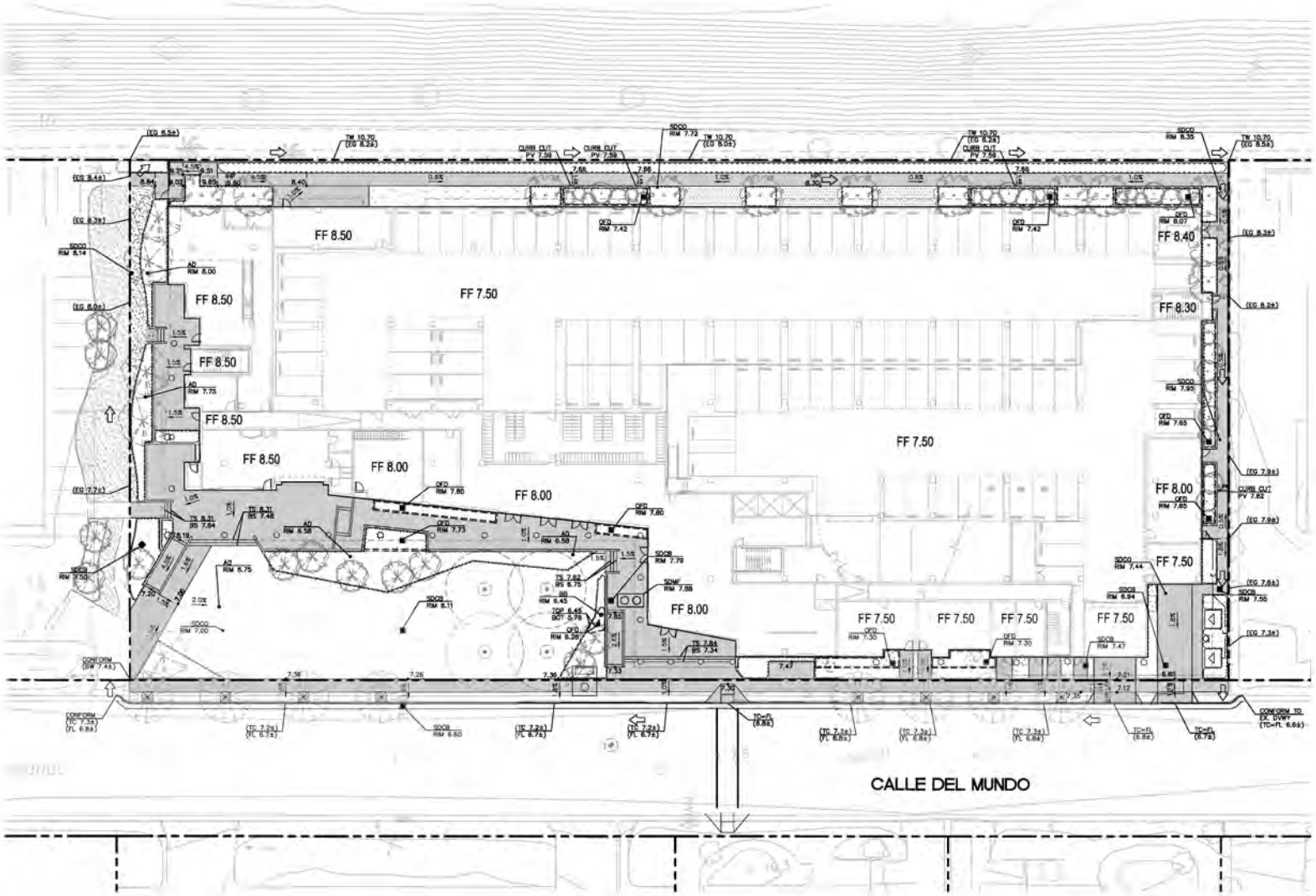
PRELIMINARY SITE PLAN

SCALE: 1"=20' | C2.0




## LEGEND

| | |
|---|---|
| PROPERTY LINE | |
| GRADE BREAK LINE | |
| VERTICAL CURB | |
| VERTICAL CURB & GUTTER | |
| FLOW-THROUGH TREATMENT PLANTER | |
| BIORETENTION BASIN | |
| FINISH GRADE ELEVATION | 36.05 |
| FINISH FLOOR ELEVATION | FF 36.05 |
| GARAGE SLAB FLOOR ELEVATION | GS 36.05 |
| TOP OF STEP ELEVATION | TS 36.05 |
| BOTTOM OF STEP ELEVATION | BS 36.05 |
| TOP OF CURB ELEVATION | TC 36.05 |
| TOP OF ROLLED CURB ELEVATION | TRC 36.05 |
| FLOW LINE ELEVATION ELEVATION | FL 36.05 |
| HIGH POINT | HP |
| LOW POINT | LP |
| PAVEMENT ELEVATION | PV 36.05 |
| GRADE TO DRAIN | |
| SLOPE/DIRECTION OF FLOW | 5.55% |
| OVERLAND RELEASE | |
| SANITARY SEWER/STORM DRAIN MANHOLE | |
| SANITARY SEWER/STORM DRAIN CLEANOUT | SSCO/SDCO |
| STORM DRAIN CATCH BASIN/OVERFLOW DRAIN | |
| AREA DRAIN | |
| STORM DRAIN MEDIA FILTER | |
| BUILDING OVERHANG | |
| TRANSFORMER (BY OTHERS) | |
| SWITCHGEAR (BY OTHERS) | |

GRAPHIC SCALE

( IN FEET )
1 inch = 20 ft.

**TASMAN EAST - THE HILL**
SANTA CLARA, CA

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PRELIMINARY GRADING & DRAINAGE PLAN

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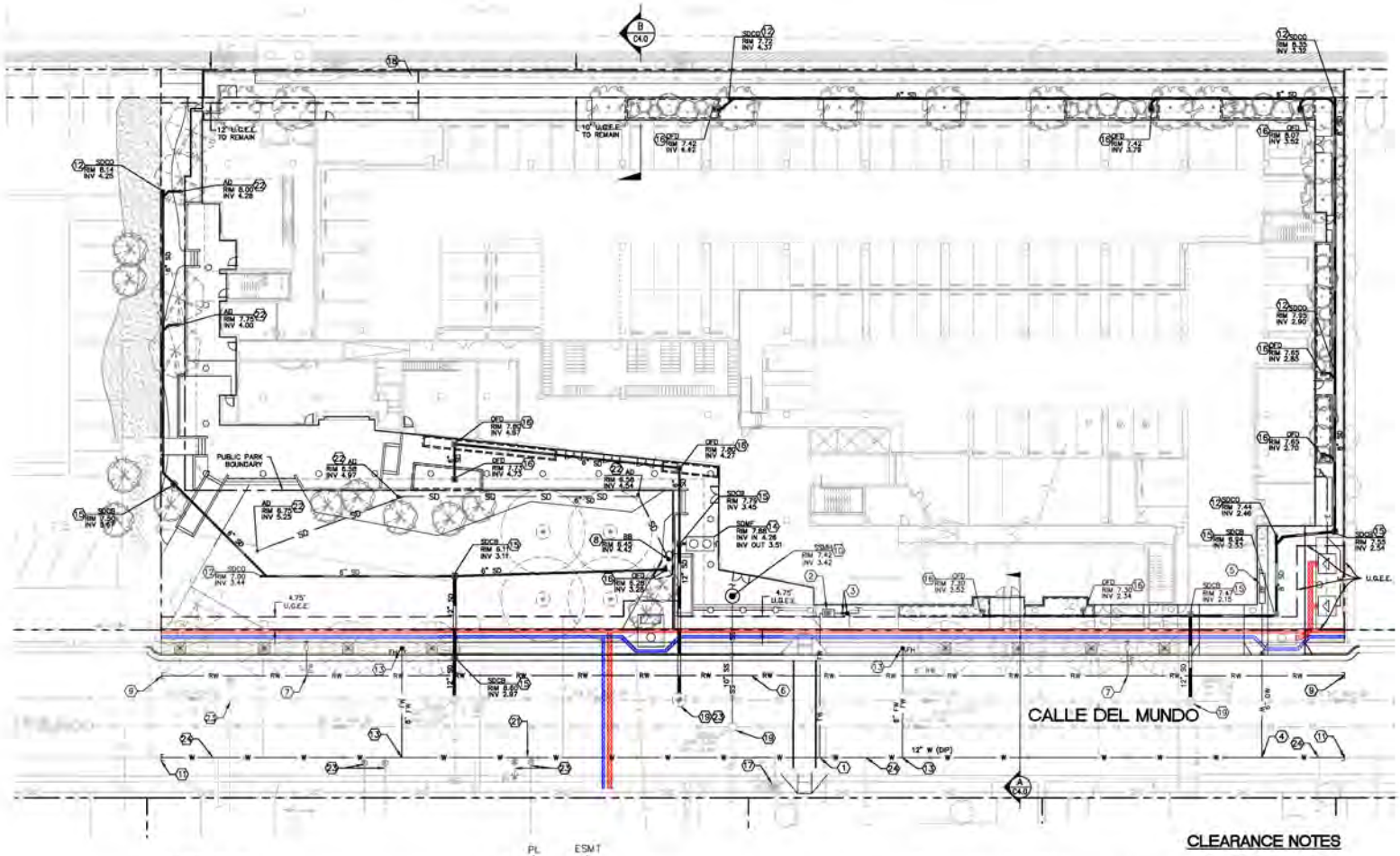
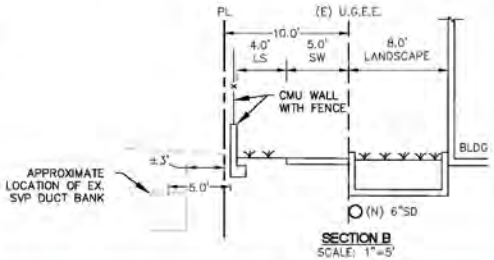


SECTION A - CALLE DEL MUNDO
SCALE: 1"=5'




SECTION B
SCALE: 1"=5'

## CLEARANCE NOTES

1. PROVIDE ONE FOOT MINIMUM VERTICAL CLEARANCE BETWEEN WATER AND RECYCLED WATER MAINS AND SERVICES AND OTHER FACILITIES UNLESS OTHERWISE NOTED ON THE PLANS.
2. PROVIDE TEN FEET MINIMUM HORIZONTAL CLEARANCE BETWEEN WATER AND RECYCLED WATER MAINS AND SERVICES AND SANITARY MAINS AND SERVICES AND TREES.
3. PROVIDE FIVE FEET MINIMUM HORIZONTAL CLEARANCE BETWEEN WATER AND STORM MAINS AND LATERALS AND OTHER GENERAL UTILITIES OR FACILITIES.

GRAPHIC SCALE
( IN FEET )
1 inch = 20 ft.

## LEGEND

- PROPERTY LINE
- STREET CENTER LINE
- EASEMENT LINE
- TREATED STORM DRAIN LINE
- UNTREATED STORM DRAIN LINE — SD
- SANITARY SEWER LINE — SS
- DOMESTIC WATER LINE — W
- PRIVATE ELECTRICAL CONDUIT BY OTHERS — E
- COMMUNICATION TRENCH (PER JOINT TRENCH PLANS)
- SVP TRENCH (PER JOINT TRENCH PLANS)
- RECYCLED WATER LINE — RW
- GAS LINE — G
- FIRE WATER LINE — FW
- BUILDING OVERHANG
- SANITARY SEWER/STORM DRAIN MANHOLE
- SANITARY SEWER/STORM DRAIN CLEANOUT — SSCO/SDCO
- FIRE HYDRANT/FDC/POST INDICATOR VALVE — FH / FDC / PIV
- FLOW-THROUGH TREATMENT PLANTER
- BIORETENTION BASIN
- WATER METER/BACKFLOW PREVENTION ASSEMBLY
- STORM DRAIN CATCH BASIN/OVERFLOW DRAIN
- AREA DRAIN — AD
- STORM DRAIN MEDIA FILTER
- BUBBLER BOX
- TRANSFORMER (BY OTHERS)
- SWITCHGEAR (BY OTHERS)

## CONSTRUCTION KEY NOTES

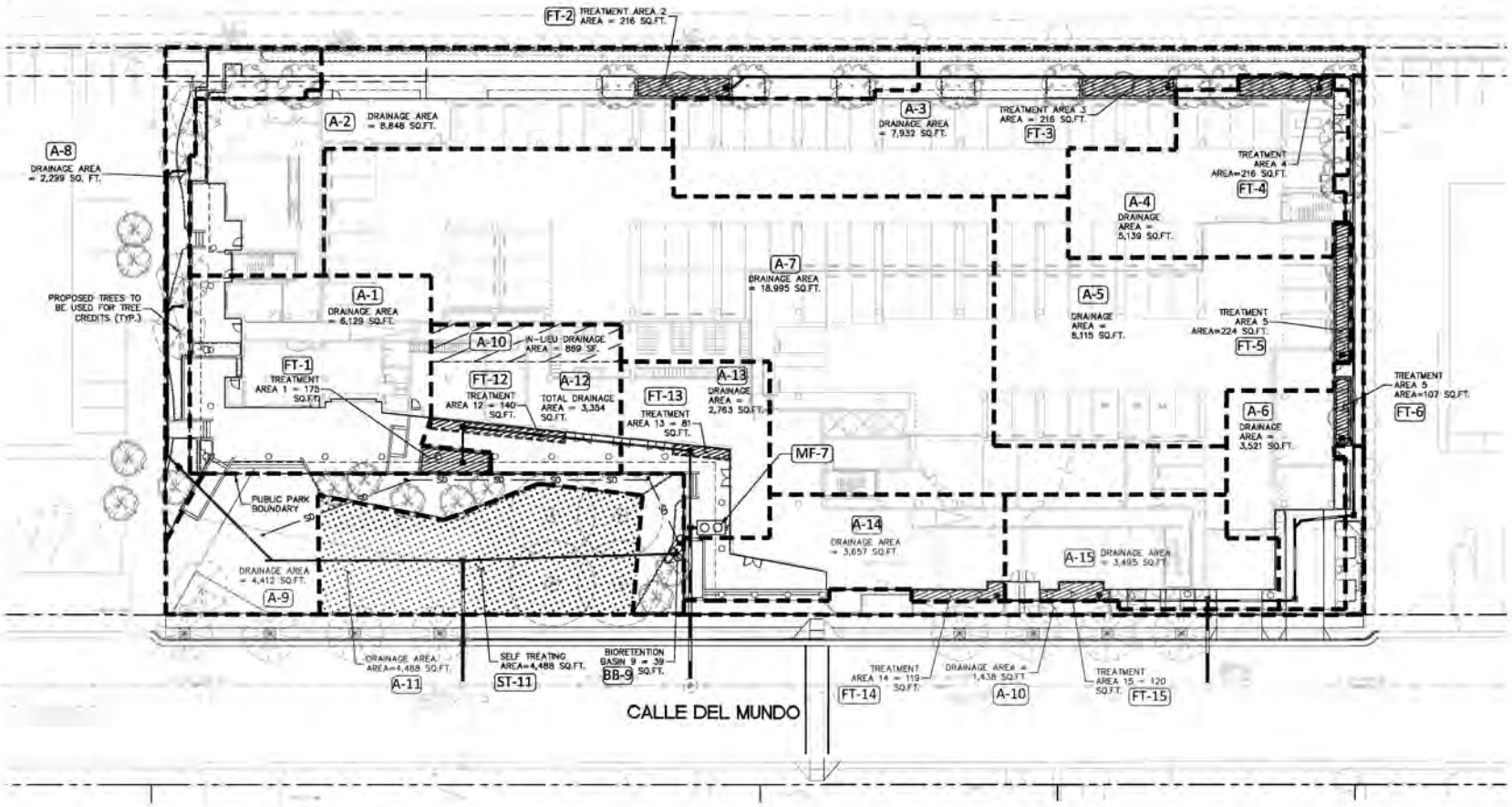
1. INSTALL FIRE SERVICE PER CITY OF SANTA CLARA WATER DEPARTMENT STANDARD DETAIL NO. 16. TAP BY CITY OF SANTA CLARA.
2. INSTALL REDUCED PRESSURE DEVICE ASSEMBLY (RPDA) PER CITY OF SANTA CLARA WATER STANDARD DETAIL NO. 17. BACKFLOW PREVENTER TO BE WILKINS MODEL 475DIA.
3. INSTALL PIV AND FDC.
4. INSTALL DOMESTIC WATER SERVICE PER CITY OF SANTA CLARA WATER STANDARD DETAIL NO. 11. TAP BY CITY OF SANTA CLARA.
5. INSTALL WATER METER AND REDUCED PRESSURE BACKFLOW PREVENTION DEVICE PER CITY OF SANTA CLARA WATER STANDARD DETAIL NO. 11. RPDA TO BE WATTS LF909 MODEL.
6. INSTALL 8" RECYCLED WATER MAIN.
7. INSTALL 1" RECYCLED WATER SERVICE PER CITY OF SANTA CLARA WATER STANDARD DETAIL NO. 2.
8. INSTALL BUBBLER BOX.
9. CONNECT TO EXISTING RECYCLED WATER. IF CONNECTING RECYCLED WATER MAIN IS NOT CONSTRUCTED YET, INSTALL BLOW OFF VALVES AT EACH END OF THE NEW RECYCLED WATER MAIN.
10. INSTALL SANITARY SEWER MANHOLE.
11. CONNECT TO EXISTING WATER MAIN.
12. INSTALL STORM DRAIN CLEAN OUT.
13. INSTALL FIRE HYDRANT ASSEMBLY PER CITY OF SANTA CLARA STANDARD DETAIL NO. 19.
14. INSTALL STORM DRAIN MEDIA FILTER.
15. INSTALL STORM DRAIN CATCH BASIN.
16. INSTALL NEW OVERFLOW DRAIN.
17. EXISTING FIRE HYDRANT TO REMAIN AND TO BE RECONNECTED TO THE NEW WATER MAIN.
18. OVERHEAD ELECTRIC LINE TO BE REMOVED ONCE SERVICE TO ADJACENT LOTS IS MAINTAINED WITH NEW UNDERGROUND LINES.
19. CONNECT TO EXISTING MANHOLE.
20. NOT USED
21. INSTALL NEW 12" DIP WATER MAIN.
22. INSTALL STORM DRAIN AREA DRAIN.
23. FUTURE UTILITY LINE/STRUCTURE TO BE CONSTRUCTED UNDER SEPARATE PERMIT.
24. RECONNECT TO EXISTING LATERAL TO NEW MAIN.

**TASMAN EAST - THE HILL**
SANTA CLARA, CA

CALLE DEL MUNDO, SANTA CLARA, CA

PRELIMINARY UTILITY PLAN

BKF 100 | 07/27/2020 | 18020 | BAR architects | ENSEMBLE REAL ESTATE INVESTMENTS | RETHINK | SCALE: 1"=20' | C4.0




## LEGEND

| | |
|---|---|
| PROPERTY LINE | |
| DRAINAGE AREA BOUNDARY | |
| FLOW-THROUGH TREATMENT PLANTER | |
| BIORETENTION BASIN | |
| SELF TREATING AREA | |
| PROPOSED STORM DRAIN (UNTREATED) | SD |
| PROPOSED STORM DRAIN (TREATED) | |
| ROOF OVERHANG | |
| OVERFLOW DRAIN/DROP INLET | DFD |
| STORM DRAIN JUNCTION BOX | SDJB |
| AREA DRAIN | AD |
| STORM DRAIN MANHOLE | SDMH |
| STORM DRAIN/SANITARY SEWER CLEANOUT | SDCO |
| DRAINAGE AREA | A-4 |
| FLOW-THROUGH PLANTER TREATMENT AREA | FT-4 |
| BIORETENTION BASIN TREATMENT AREA | BB-4 |
| SELF-TREATING TREATMENT AREA | ST-4 |
| STORM DRAIN MEDIA FILTER | MF-4 |

C.3 CONSTRUCTION NOTE:

1. DURING THE BEGINNING OF THE CONSTRUCTION, THE PROJECT APPLICANT SHALL ARRANGE FOR A SITE VISIT (INSPECTION) BY A THIRD-PARTY REVIEWER ACCEPTABLE TO THE CITY OF SANTA CLARA THAT THE INSTALLED STORMWATER TREATMENT MEASURES HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE APPROVED BUILDING PLANS. THE THIRD-PARTY REVIEWER WILL RECOMMEND THE REQUIRED NUMBER OF SITE INSPECTIONS AT DIFFERENT INTERVALS OF CONSTRUCTION. THE THIRD-PARTY REVIEWER MUST BE A CIVIL ENGINEER, ARCHITECT OR LANDSCAPE ARCHITECT REGISTERED IN THE STATE OF CALIFORNIA AND MUST HAVE A CURRENT TRAINING ON STORMWATER TREATMENT DESIGN. A LIST OF QUALIFIED THIRD-PARTY REVIEWERS CAN BE FOUND ON THE SANTA CLARA VALLEY URBAN RUNOFF POLLUTION PREVENTION PROGRAM (SCVURPPP) WEBSITE AT WWW.SCVURPPP-W2K.COM/CONSULTANTS_LIST.SHTML
2. INSTALLATION OF POROUS PAVEMENT AND/OR VAULTS SHALL BE DONE PER STANDARD DETAILS AND SPECIFICATIONS. THIRD PARTY REVIEWER OR VENDOR SHALL INSPECT THE POROUS PAVEMENT AND/OR VAULTS INSTALLATION (INCLUDING IF NECESSARY, PERFORMING PERCOLATION TEST) AND SUBMIT THEIR CONCURRENCE LETTER TO THE CITY OF SANTA CLARA.
3. INSTALLATION OF INTERCEPTOR TREES AS A TREATMENT CONTROL MEASURE SHALL BE INSPECTED AND VERIFIED THE ACCURACY OF LOCATION, SPECIES AND NUMBER OF THE INTERCEPTOR TREES

| DRAINAGE AREA | DRAINAGE AREA SIZE (SF) | PERVIOUS SURFACE (SF) | TYPE OF PERVIOUS SURFACE | IMPERVIOUS SURFACE (SF) | TOTAL TREE CREDITS (SF) | EFFECTIVE IMPERVIOUS SURFACE (SF) | TYPE OF IMPERVIOUS SURFACE | SIZING CRITERIA: COMBINATION FLOW & VOLUME METHOD REQUIRED | PROVIDED | PROPOSED TREATMENT CONTROLS |
|---|---|---|---|---|---|---|---|---|---|---|
| A-1 | 6129 | 175 | LANDSCAPE | 5954 | - | 5954 | ROOF | 163 | 175 | FT-1 |
| A-2 | 8848 | 1764 | LANDSCAPE | 7084 | - | 7084 | ROOF, CONCRETE | 194 | 216 | FT-2 |
| A-3 | 7932 | 1199 | LANDSCAPE | 6733 | - | 6733 | ROOF, CONCRETE | 184 | 216 | FT-3 |
| A-4 | 5139 | 216 | LANDSCAPE | 4923 | - | 4923 | ROOF | 135 | 216 | FT-4 |
| A-5 | 8115 | 224 | LANDSCAPE | 7891 | - | 7891 | ROOF | 216 | 224 | FT-5 |
| A-6 | 3521 | 107 | LANDSCAPE | 3414 | - | 3414 | ROOF, CONCRETE | 94 | 107 | FT-6 |
| A-7 | 18995 | 0 | N/A | 18995 | - | 18995 | ROOF | - | - | MF-7 |
| A-8 | 2299 | 1300 | LANDSCAPE | 991 | 1400 | 0 | CONCRETE | - | - | Tree Credits |
| A-9 | 4412 | 3738 | LANDSCAPE | 674 | - | 674 | CONCRETE | 19 | 39 | BB-9 |
| A-10 (IN-LIEU) | 1438 | 569 | LANDSCAPE | 869 | - | 869 | CONCRETE | - | - | FT-12 (IN-LIEU) |
| A-11 | 4488 | 4488 | LANDSCAPE | 0 | - | 0 | N/A | - | - | ST-11 |
| A-12 | 3354 | 140 | LANDSCAPE | 3214 (869 IN-LIEU) | - | 3214 (869 IN-LIEU) | ROOF | 88 | 140 | FT-12 |
| A-13 | 2763 | 81 | LANDSCAPE | 2682 | - | 2682 | ROOF | 74 | 81 | FT-13 |
| A-14 | 3657 | 119 | LANDSCAPE | 3538 | - | 3538 | ROOF | 97 | 119 | FT-14 |
| A-15 | 3495 | 120 | LANDSCAPE | 3375 | - | 3375 | ROOF | 93 | 120 | FT-15 |
| TOTALS | 84585 | 14248 | | 70337 | | 69346 | | 1357 | 1653 | |

STORMWATER TREATMENT AREA DATA

TOTAL IMPERVIOUS AREA = 70,337 SQ. FT.

% IMPERVIOUS AREA TREATED BY LID (FLOW-THROUGH PLANTERS, BIORETENTION BASINS & SELF-RETAINING AREAS) = 50,351/70,337 = 71.6%

% IMPERVIOUS AREA TREATED BY MEDIA FILTER = 18,995/70,337 = 27.0%

% IMPERVIOUS AREA TREATED BY TREE CREDITS = 991/70,337 = 1.4%

MEDIA FILTER SIZING SUMMARY TABLE

MF-7 CALCULATION: Q=CIA= 0.85 * 0.2 IN/HR * 0.46 AC = 0.08 CFS

GRAPHIC SCALE

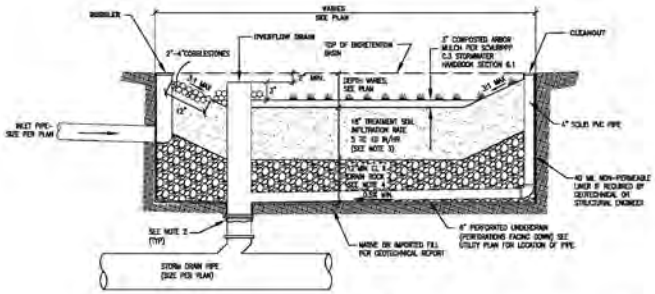
( IN FEET )
1 inch = 20 ft.

**TASMAN EAST - THE HILL**
SANTA CLARA, CA

CALLE DEL MUNDO, SANTA CLARA, CA

PRELIMINARY STORMWATER MANAGEMENT PLAN

BKF | 07/27/2020 | 18020 | BAR architects | ENSEMBLE REAL ESTATE INVESTMENTS | RETHINK | SCALE 1"=20' | C5.0

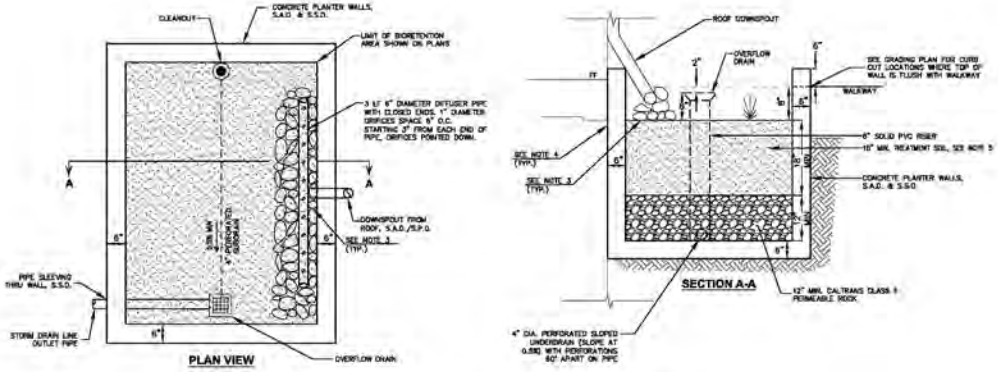



## TYPICAL BIORETENTION AREA DETAIL

NTS

NOTE:

1. PERFORATED PIPE SHALL BE SOLVENT WELD PVC SDR 35 (OR APPROVED EQUAL) WITH PERFORATIONS FACED DOWN. LOCATION OF THE PIPE VARIES, SEE PLAN.
2. FOR ANY LINER PENETRATIONS, RADIAL-CUT THE LINER FOR PIPE. MASTIC AND SEAL WITH PIPE CLAMP TO INSURE WATER-TIGHT SEAL.
3. SOILS IN THE BIORETENTION FACILITIES SHOULD MEET THE BIOTREATMENT SOIL MIX (BSM) SPECIFICATIONS PER SCVURPPP C.3 STORMWATER HANDBOOK, APPENDIX C. A MINIMUM PERCOLATION RATE OF 5 INCHES/HOUR AND A MAXIMUM PERCOLATION RATE OF 10 INCHES/HOUR ARE REQUIRED (INITIAL INFILTRATION RATE MAY EXCEED THIS TO ALLOW FOR TENDENCY OF INFILTRATION RATE TO REDUCE OVER TIME). PLANTING SOIL LAYER SHOULD BE AT LEAST 18 INCHES DEEP. CONTRACTOR TO SUBMIT MATERIAL CERTIFICATES SIGNED BY THE MATERIAL PRODUCER, CERTIFYING THAT SOIL COMPLIES WITH, OR EXCEEDS, SPECIFIED REQUIREMENTS WITHIN 6 MONTHS.
4. PERMEABLE DRAIN ROCK SHALL BE CLASS II PERM ROCK PER CALTRANS STANDARD SECTION 68-1.025. THE MATERIAL SHALL BE WASHED AND FREE FROM CLAY OR ORGANIC MATERIAL.
5. SEE LANDSCAPE PLANS AND SPECIFICATIONS FOR PLANTING MATERIALS WITHIN BIORETENTION FACILITIES.

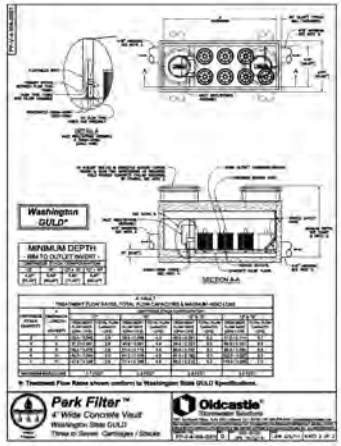


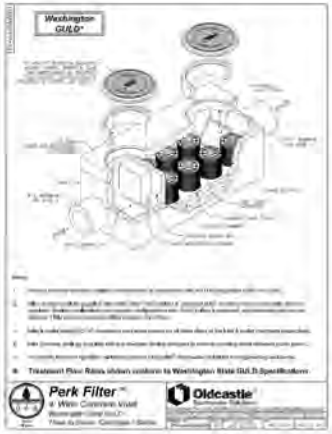

NOTES:

1. FOR DETAILS AND SPECIFICATIONS OF CONCRETE PLANTER WALLS, S.S.D. AND S.A.D.
2. EXPOSED PVC PIPE WITHIN BIORETENTION AREAS, SUCH AS OVERFLOW RISERS, SHALL BE PAINTED BLACK.
3. NOYO COBBLES (4"-6" IN DIA.), OR APPROVED EQUIVALENT, SHALL BE PLACED AROUND DIFFUSER PIPE TO THE TOP OF TREATMENT SOIL (TTS), FLUSH WITH PLANTING SURFACE, EXTENDING A MINIMUM OF 6" ON ALL SIDES OF DRAINAGE STRUCTURE/PIPE.
4. CONCRETE OR OTHER STRUCTURAL PLANTER WALL WITH WATERPROOFING MEMBRANE. ADDITIONAL WATERPROOFING ON BUILDING AS NEEDED.
5. SOILS IN THE BIORETENTION FACILITIES SHOULD MEET THE BIOTREATMENT SOIL MIX (BSM) SPECIFICATIONS PER SCVURPPP C.3 STORMWATER HANDBOOK, APPENDIX C. A MINIMUM PERCOLATION RATE OF 5 INCHES/HOUR AND A MAXIMUM PERCOLATION RATE OF 10 INCHES/HOUR ARE REQUIRED (INITIAL INFILTRATION RATE MAY EXCEED THIS TO ALLOW FOR TENDENCY OF INFILTRATION RATE TO REDUCE OVER TIME). PLANTING SOIL LAYER SHOULD BE AT LEAST 18 INCHES DEEP. CONTRACTOR TO SUBMIT MATERIAL CERTIFICATES SIGNED BY THE MATERIAL PRODUCER, CERTIFYING THAT SOIL COMPLIES WITH, OR EXCEEDS, SPECIFIED REQUIREMENTS WITHIN 6 MONTHS.
6. PERMEABLE DRAIN ROCK SHALL BE CLASS II PERM ROCK PER CALTRANS STANDARD SECTION 68-1.025. THE MATERIAL SHALL BE WASHED AND FREE FROM CLAY OR ORGANIC MATERIAL.
7. SEE LANDSCAPE PLANS AND SPECIFICATIONS FOR PLANTING MATERIALS WITHIN BIORETENTION FACILITIES.
8. PERFORATED PIPE SHALL BE SOLVENT WELD PVC SDR 35 (OR APPROVED EQUAL) WITH PERFORATIONS FACED DOWN. LOCATION OF THE PIPE VARIES, SEE PLAN.

## BELOW GRADE FLOW-THROUGH PLANTER DETAIL

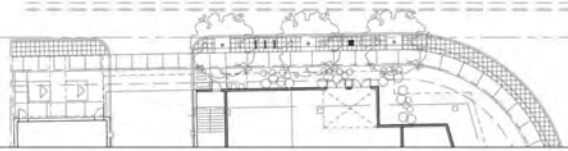
NTS




## MEDIA FILTER DETAIL

| | | | | | |
|---|---|---|---|---|---|
| **TASMAN EAST - THE HILL**<br>SANTA CLARA, CA | CALLE DEL MUNDO, SANTA CLARA, CA | | | PRELIMINARY STORMWATER MANAGEMENT DETAILS | |
| | BKF | 07/27/2020 | 18020 | BAR architects / ENSEMBLE REAL ESTATE INVESTMENTS / RETHINK | NO SCALE / C5.1 |



**TASMAN HILL**
SANTA CLARA, CA

CALLE DEL MUNDO, SANTA CLARA, CA

07/27/2020 | 18020

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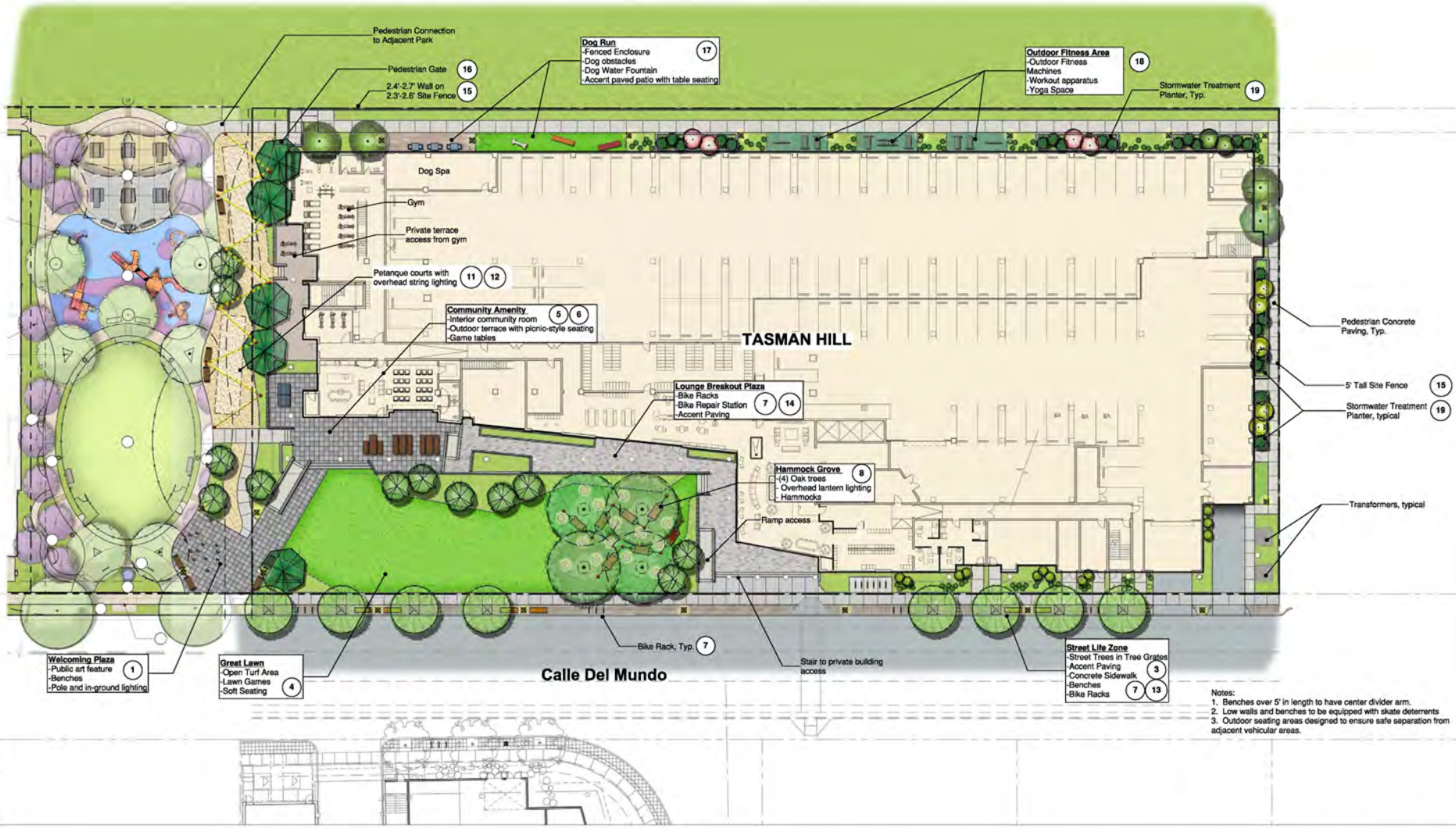
ENSEMBLE REAL ESTATE INVESTMENTS

RE THINK DEVELOPMENT

Scale: 1" = 20'
0 10' 20' 40'

OVERALL SITE PLAN

L1.1




Notes:
1. Benches over 5' in length to have center divider arm.
2. Low walls and benches to be equipped with skate deterrents
3. Outdoor seating areas designed to ensure safe separation from adjacent vehicular areas.

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RETHINK

Scale: 1" = 20'
0 10' 20' 40'

GROUND FLOOR SITE PLAN

L1.2

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ENSEMBLE REAL ESTATE INVESTMENTS

RE THINK DEVELOPMENT

Scale: 1" = 10'
0 5' 10' 20'

DEDICATED PARKLAND ENLARGEMENT

**L1.3a**

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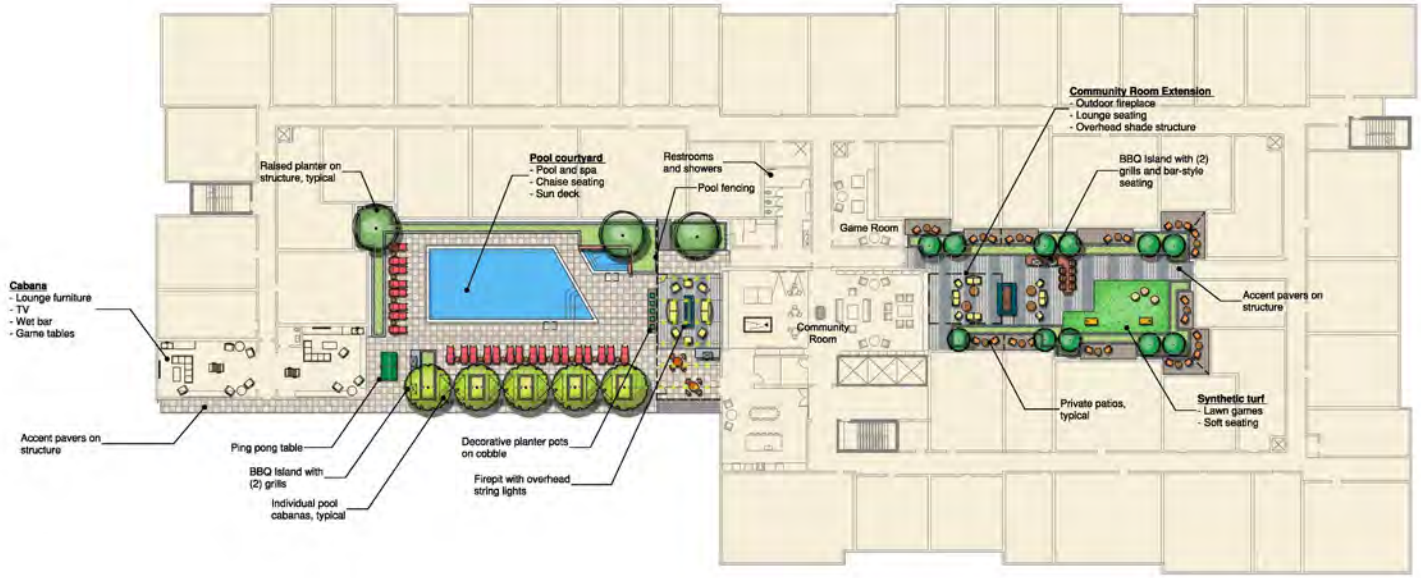
RE THINK Development

Scale: 1" = 10'
0 5' 10' 20'

DEDICATED PARKLAND ENLARGEMENT

**L1.3b**

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RE THINK

Scale: 1" = 20'
0 10' 20' 40'

# 4TH FLOOR PODIUM SITE PLAN

L1.4

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RE THINK

Scale: 1" = 20'
0 10' 20' 40'

8TH FLOOR ROOF DECK SITE PLAN

L1.5

**Hill Park Narrative:**

The Ensemble portion of the Hill Park builds on what has already been designed by Summerhill as well as anchors the Hill District and terminus of the Calle del Sol street extension.

The Park's California Oak and Hammock Grove on the West side of the axis of Calle del Sol provides a strong natural invitation and connection to the Hill Park from the neighborhood. The trees form a statement and shade during the day with an interesting collection of hammocks for park goers to relax or play in. During the evening the lights and lanterns hung from the California Oaks will create a whimsical visual anchor at the end of the Calle del Sol extension as well as Calle del Mundo to invite interest and interaction with the public park.

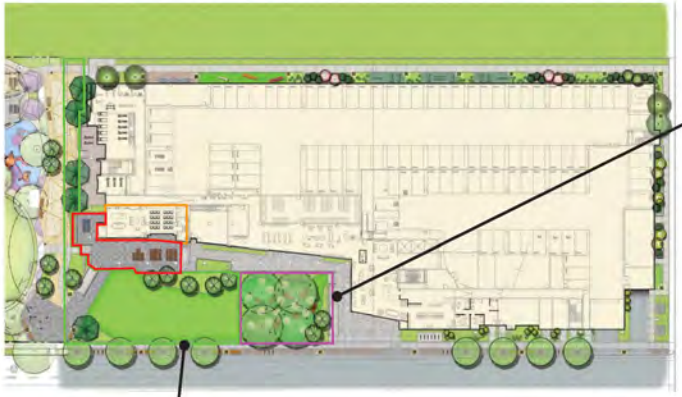
To the West of this Oak Grove fronting Calle del Mundo and reaching West until it intersects with Summerhill's portion of the park lies the Great Lawn for creative play or relaxation that has a collegiate feel. Frisby, lawn games, playing catch, or just lying out a blanket and having a picnic would be welcome.

To the North of the lawn lies the Park Community Room and Terrace that can be reserved by anybody in Santa Clara for events, kids' parties, meetings, etc much like other community rooms throughout the city. It will have a kitchen and AV equipment including a screen that can be used for events and will also have bathrooms that can be used by visitors to the community room and the park. It will have furniture that can be reconfigured for particular events and a garage style glass door to open the space to the Terrace to accommodate larger groups or events while covered from the elements.

The Community Room Terrace is an outdoor breakout space for the Community Room. This terrace will be tucked under the residential building overhang protecting users from the sun and elements. This space will be furnished with park tables and chairs, as well as, outdoor game tables.

To the West of the Great Lawn and Community Room and Terrace lies a welcome plaza with a collection of natural boulders and artful structures as well as a decomposed granite petanque courts (French Bocce ball) with inviting overhead string lights that connect with the Summerhill's park elements in a complementary and collaborative way.

Ensemble's park features along with Summerhill's park features and elements will collectively provide a great community park and asset that provides 8 of the 10 required elements for the Tasman East Focus Plan.



## OAK AND HAMMOCK GROVE

Hammocks and Hanging Lights

Lantern Lighting in Oak Tree

## GREAT LAWN

Great Lawn

OVERLOOKING HAMMOCKS AT NIGHT

HILL PARK VIEW FROM SOUTH ENTRY

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ENSEMBLE REAL ESTATE INVESTMENTS

RE THINK

# HILL PUBLIC PARK - INSPIRATION

L2.1

Public Petanque Courts

Overhead String Lighting

## PETANQUE COURTS

## COMMUNITY ROOM & TERRACE

Community Room

Cafe Seating

Outdoor Game Tables

Community Room

## WELCOMING PLAZA

Pole Light

Benches

Bike Racks

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RETHINK

# HILL PUBLIC PARK - INSPIRATION

L2.2

## SITE FEATURES
## LEVEL 1

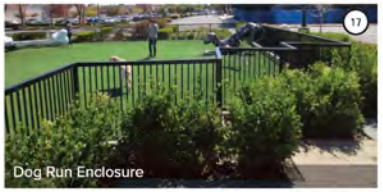
Street Trees - London Plane Tree

Bike Repair Station

Perimeter Gate

Perimeter Fencing

Outdoor Fitness



Dog Run Enclosure

Outdoor Fitness

Stormwater Treatment Planting

Ornamental Grasses

## POOL TERRACE AND ZEN GARDEN COURTYARD
## LEVEL 4

Chaise Lounge Seating at Pool Deck

Bar Seating

Decorative Planter Pots

Pool Deck Overlooking Plaza Below

Firepit Nook

Multi-Use Courtyard

Turf Area for Outdoor Yoga

Interior Cabana

Poolside Game Lounge

## GARDEN AND ROOF TERRACES
## LEVEL 8

Farm-to-Table

Intimate Firepit Seating

Communal Dining

Outdoor Kitchen Island

Citrus Trees

Overhead String Lighting

3-Dimensional Wave Isle

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RETHINK

# PRIVATE AMENITIES - INSPIRATION

L2.3

## PLANT PALETTE

| TREES | * 24" box standard unless notes otherwise- | | | | |
|---|---|---|---|---|---|
| KEY | SIZE | BOTANICAL NAME | COMMON NAME | NOTES | WUCOLS |
| CITRUS | 15 gal | Citrus • Dwarf Varieties | Citrus • Dwarf Varieties | | M |
| LAG IND | 36" box | Lagerstroemia indica 'Muskogee' | Muskogee Crape Myrtle | | L |
| LAU SAR | 15 gal | Laurus 'Saratoga' | Saratoga Laurel | | L |
| LYO FLO | * | Lyonothamnus floribundus | Catalina Ironwood | | L |
| MAG GRA | * | Magnolia g. 'DD Blanchard' | Southern Magnolia | | M |
| OLE EUR | * | Olea europaea 'Swan Hill' | Fruitless Olive | | VL |
| PLA ACE | 48" box | Platanus acerifolia 'Columbia' | London Plane Tree | | M |
| POD MAC | * | Podocarpus macrophyllus | Yew Pine | | M |
| QUE AGR | 96" box | Quercus agrifolia | Coast Live Oak | | VL |
| TRI LAU | * | Tristania laurina | Little Leaf Myrtle | | M |
| ULM PAR | 48" box | Ulmus parvifolia | Lacebark Elm | | L |
| SHRUBS | | | | | |
| KEY | SIZE | BOTANICAL NAME | COMMON NAME | SPACING | WUCOLS |
| AC | 5 gal | Acacia cognata 'Cousin Itt' | Little River Wattle | 30" o.c. | L |
| AD | 5 gal | Asparagus densiflorus 'Meyer' | Foxtail Fern | 24" o.c. | L |
| AH | 5 gal | Anigozanthos hybrid 'Harmony' | Yellow Kangaroo Paw | 24" o.c. | L |
| BM | 15 gal | Bambusa multiplex 'Alphonse Karr' | Alphonse Karr Bamboo | 30" o.c. | M |
| DB | 5 gal | Dietes bicolor | Fortnight Lily | 36" o.c. | L |
| HP | 5 gal | Hesperaloe parviflora | Red Yucca | 36" o.c. | L |
| ID | 5 gal | Iris douglasiana | Douglas Iris | 36" o.c. | L |
| JV | 5 gal | Juniperus virginiana 'Skyrocket' | Skyrocket Juniper | 36" o.c. | L |
| LC | 5 gal | Leymus condensatus 'Canyon Prince' | Canyon Prince Wild Rye | 36" o.c. | L |
| LE | 5 gal | Leonotis leonurus | Lion's Tail | 36" o.c. | L |
| LL | 5 gal | Lomandra longifolia 'Breeze' | Dwarf Mat Rush | 24" o.c. | L |
| LP | 5 gal | Leucadendron 'Pisa' | Leucadendron | 42" o.c. | L |
| LS | 5 gal | Leucadendron 'SafariSunset' | SafariSunset Conebush | 42" o.c. | L |
| NT | 5 gal | Nassella tenuissima | Mexican Feather Grass | 42" o.c. | L |
| PD | 5 gal | Phormium 'Duet' | New Zealand Flax | 36" o.c. | L |
| PF | 5 gal | Phormium 'Firebird' | New Zealand Flax | 36" o.c. | L |
| PM | 5 gal | Polystichum munitum | Western Sword Fern | 42" o.c. | M |
| PO | 5 gal | Pennisetum orientale | Oriental Fountain Grass | 42" o.c. | M |
| PX | 5 gal | Philodendron 'Xanadu' | Xanadu CutLeaf Philodendron | 42" o.c. | M |
| SC | 5 gal | Salvia clevelandii 'Allen Chickering' | California Blue Sage | 36" o.c. | M |
| SR | 5 gal | Strelitzia reginae | Bird of Paradise | 36" o.c. | M |
| GROUNDCOVER | | | | | |
| KEY | SIZE | BOTANICAL NAME | COMMON NAME | SPACING | WUCOLS |
| AU | 1 gal | Arctostaphylos uvaursi 'Point Reyes' | Kinnikinnick | 18" o.c. | M |
| FC | 5 gal | Fragaria chiloensis | Ornamental Strawberry | 30" o.c. | VL |
| TP | 1 gal | Tradescantia pallida 'Purple Heart' | Purple Spiderwort | 18" o.c. | M |
| | Sod | Turf Grass | Turf | | |
| SUCCULENTS | | | | | |
| KEY | SIZE | BOTANICAL NAME | COMMON NAME | SPACING | WUCOLS |
| AA | 5 gal | Agave attenuata | Fox Tail Agave | 48" o.c. | L |
| AB | 5 gal | Agave 'Blue Flame' | Blue Flame agave | 30" o.c. | L |
| BF | 1 gal | Bulbine frutescens 'Hallmark' | Orange Bulbine | 30" o.c. | L |
| EA | 1 gal | Echeveria 'Afterglow' | Afterglow Echeveria | 30" o.c. | L |
| SM | 1 gal | Senecio mandraliscae | Blue Chalk Sticks | 30" o.c. | L |
| SS | 1 gal | Sedum supestre 'Angelina' | Angelina Stonecrop | 30" o.c. | L |
| STORMWATER TREATMENT PLANTS | | | | | |
| KEY | SIZE | BOTANICAL NAME | COMMON NAME | SPACING | WUCOLS |
| CA | 5 gal | Carex tumulicola | Berkeley Sedge | 48" o.c. | L |
| CT | 5 gal | Chondropetalum tectorum | Cape Rush | 30" o.c. | L |
| HA | 5 gal | Heteromeles arbutifolia | Toyon | 30" o.c. | L |
| HS | 5 gal | Helictotrichon sempervirens | Blue Oat Grass | 30" o.c. | L |
| JP | 5 gal | Juncus patens 'Elk Blue' | California Gray Rush | 30" o.c. | L |
| MA | 5 gal | Mahonia aquifolium 'Compacta' | Oregon Grape | 30" o.c. | L |
| MC | 5 gal | Muhlenbergia capillaris | Pink Red Muhly | 30" o.c. | L |
| PL | 5 gal | Rhamnus californica 'Little Sur' | Little Sur Coffeeberry | 30" o.c. | L |
| SA | 5 gal | Symphoricarpos albus | Snowberry | 30" o.c. | L |

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ENSEMBLE REAL ESTATE INVESTMENTS

RE THINK DEVELOPMENT

Scale: 1" = 20'
0 10' 20' 40'

PLANTING PLAN AND PALETTE

L3.1

# PLANTING NOTES

1. All work shall be performed by persons familiar with planting work and under supervisions of a qualified planting foreman.
2. Plant material locations shown are diagrammatic and may be subject to change in the field by the Landscape Architect before the maintenance period begins.
3. All trees are to be staked as shown in the staking diagrams.
4. All tree stakes shall be cut 6" above tree ties after stakes have been installed to the depth indicated in the staking diagrams. Single stake all conifers per tree staking diagram.
5. Plant locations are to be adjusted in the field as necessary to screen utilities but not to block windows nor impede access. The Landscape Architect reserves the right to make minor adjustments in tree locations after planting at no cost to the Owner. All planting located adjacent to signs shall be field adjusted so as not to interfere with visibility of the signs.
6. The Landscape Architect reserves the right to make substitutions, additions, and deletions in the planting scheme as felt necessary while work is in progress. Such changes are to be accompanied by equitable adjustments in the contract price if/when necessary and subject to the Owner's approval.
7. The contractor is to secure all vines to walls and columns with approved fasteners, allowing for two (2) years growth. Submit sample of fastener to Landscape Architect for review prior to ordering.
8. All planting areas, except lawns and storm water treatment zones (as defined by the civil engineer), shall be top-dressed with a 3" layer of recycled wood mulch, "Colored Wood Chip" by Vision Recycling (510.429.1300; www.visionrecycling.com)or equal. Planter pots shall be top-dressed with the smaller "Colored Lumber Fines" mulch, also from Vision Recycling. Mulch shall be dark brown in color. Submit sample to Landscape Architect for review prior to ordering. Hold all mulch six (6) inches from all plants where mulch is applied over the rootball.
9. All street trees to be installed in accordance with the standards and specifications of the City of Santa Clara. Contractor to contact the city arborist to confirm plant type, plant size (at installation), installation detailing and locations prior to proceeding with installation of street trees. Contractor is to obtain street tree planting permit from the city, if a permit is required, prior to installation of street trees. Contractor is to consult with the Landscape Architect during this process. All street trees shall have root barriers for sidewalk protection which should be 16' long or extend to drip line of the mature tree, whichever is greater, and be 1.5' deep, and centered on trees. All street trees shall have root barriers for curb and gutter protection which should be 16' long or extend to drip line of the mature tree, whichever is greater, and be 2' deep, and centered on trees.
10. Seasonal color is to be current and locally available. Plant material is to be selected by the Landscape Architect from a list of currently available stock provided by the Landscape Contractor prior to installation. Seasonal color to be 4" pots at 12" o.c. unless otherwise noted.
11. The lawn shall be sod or seeded (as noted) and consist of a drought tolerant hard fescue blend such as Pacific Sod "Medallion Dwarf with Bonsai", installed per manufacturer's recommendations and specifications. The mix shall consist of the following proportions of grass species: 100% Bonsai Double Dwarf fescue. Available through: Pacific Sod 800.542.7633
12. Trees planted in lawn areas shall not have lawn planted over the top of the rootball but shall have 12" diameter circle of lawn cut out for trimming purposes.
13. Plants shall be installed to anticipate settlement. See Tree and Shrub Planting Details.
14. All interior trees noted with 'deep root' and those planted within 5'-0" of concrete paving, curbs, and walls shall have deep root barriers installed per manufacturer's specifications. See specifications and details for materials, depth of material, and location of installation.
15. The Landscape Contractor shall arrange with a nursery to secure plant material noted on the drawings and have those plants available for review by the Owner and Landscape Architect within thirty (30) days of award of contract. The Contractor shall purchase the material and have it segregated and grown for the job upon approval of the plant material. The deposit necessary for such contract growing is to be born by the Contractor.
16. The project has been designed to make efficient use of water through the use of drought tolerant plant materials. Deep rooting shall be encouraged by deep watering plant material as a part of normal landscape maintenance. The irrigation for all planting shall be limited to the amount required to maintain adequate plant health and growth. Water usage should be decreased as plants mature and become established. The irrigation controllers shall be adjusted as necessary to reflect changes in weather and plant requirements.
17. The Landscape Contractor shall verify the location of underground utilities and bring any conflicts with plant material locations to the attention of the Landscape Architect for a decision before proceeding with the work. Any utilities shown on the Landscape drawings are for reference and coordination purposes only. See Civil Drawings.
18. The design intent of the planting plan is to establish an immediate and attractive mature landscape appearance. Future plant growth will necessitate trimming, shaping and, in some cases, removal of trees and shrubs as an on-going maintenance procedure.
19. Install all plants per plan locations and per patterns shown on the plans. Install all shrubs to ensure that anticipated, maintained plant size is at least 2'-0" from the face of building(s) unless shown otherwise on the plans. Refer to Plant Spacing Diagram for plant masses indicated in a diagrammatic manner on the plans. Refer to Plant Spacing Diagram for spacing of formal hedge rows.
20. Contractor to provide one (1) Reference Planting Area for review by Landscape Architect prior to installation of the project planting. The Reference Planting Area shall consist of a representative portion of the site of not less than 900 (nine hundred) square feet. Contractor to set out plants, in containers, in the locations and patterns shown on the plans, for field review by the Landscape Architect. The Reference Planting Area will be used as a guide for the remaining plant installation.
21. The Maintenance Period(s) shall be for 60 (sixty) days. Portions of the installed landscape of a project may be placed on a maintenance period prior to the completion of the project at the Owner's request and with the Owner's concurrence.
22. Contractor to verify drainage of all tree planting pits. See Planting Specifications. Install drainage well per specifications and Tree Planting Detail(s) if the tree planting pit does not drain at a rate to meet the specifications.
23. Contractor shall remove all plant and bar code labels from all installed plants and landscape materials prior to arranging a site visit by the Landscape Architect.
24. All trees to be planted 10' clear from the tree trunk to the sanitary sewer and storm drain mains and laterals and minimum 5' clear of any existing or proposed Electric Department facilities.
25. Minimum Soil Depth on Structure and in planter pots to be 18 inches
26. Landscaping should follow the national institute of Crime Prevention standards.

# PLANT SPACING DIAGRAM

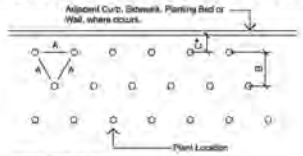
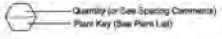



Diagram for use when plants are spaced equidistant from each other as in all ground cover plantings and massed shrub plantings

# PLANT CALLOUT SYMBOL




# PLANT QUANTITY DIAGRAM

| SPACING 'A' | SPACING 'B' | SPACING 'C' | NO. OF PLANTS/SQUARE FOOT |
|---|---|---|---|
| 6" O.C. | 5.20" | 2.60" | 4.60 |
| 8" O.C. | 6.93" | 3.47" | 2.60 |
| 9" O.C. | 7.79" | 3.90" | 1.79 |
| 10" O.C. | 8.66" | 4.33" | 1.86 |
| 12" O.C. | 10.40" | 5.20" | 1.15 |
| 15" O.C. | 13.00" | 6.50" | 0.74 |
| 18" O.C. | 15.60" | 7.80" | 0.51 |
| 24" O.C. | 20.80" | 10.40" | 0.29 |
| 30" O.C. | 26.00" | 13.00" | 0.18 |
| 36" O.C. | 30.00" | 15.00" | 0.12 |
| 48" O.C. | 40.00" | 20.00" | 0.07 |
| 72" O.C. | 62.35" | 31.18" | 0.04 |

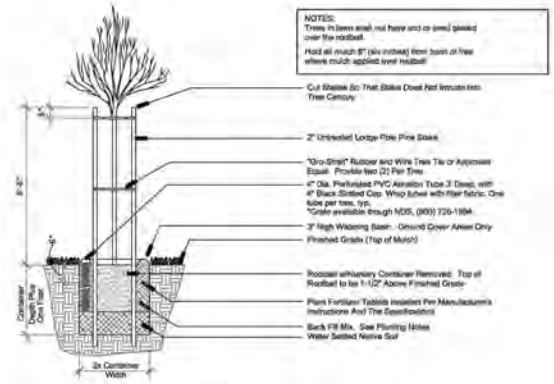
See Plant Spacing Diagram for maximum triangular spacing 'A'. This chart is to be used to determine number of ground cover required in a given area and spacing between shrub massings. Where shrub massings are shown, calculate shrub mass areas before utilizing spacing chart to determine plant quantities.

* Where curb, sidewalk, adjacent planting bed or wall condition occurs, utilize spacing 'C' to determine plant distance from wall, sidewalk, adjacent planting bed or back of curb, where C=1/2 B

# GENERAL IRRIGATION NOTES

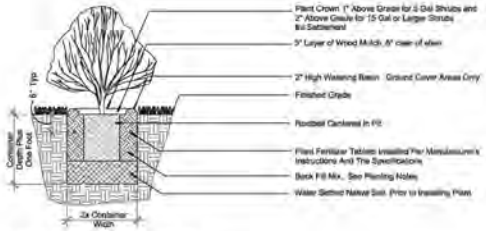
All planted areas are to be watered with an approved automatic underground irrigation system. Potable irrigation water will be delivered by drip irrigation devices. The system shall be designed to make efficient use of water through conservation techniques, and be in compliance with resolution 6261, as required by the State of California.

An application and detailed landscape irrigation plan will be submitted with the building permit submittal package. All planting and irrigation will be in compliance with the city's Water Efficient Landscape Ordinance.




## Tree Staking Diagram with Aeration Tube

Not to Scale

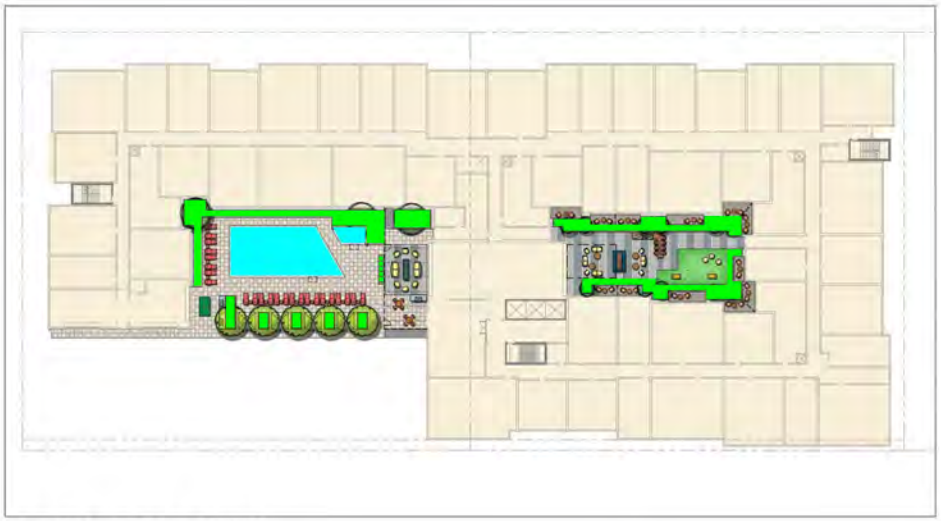



## Shrub Planting Detail

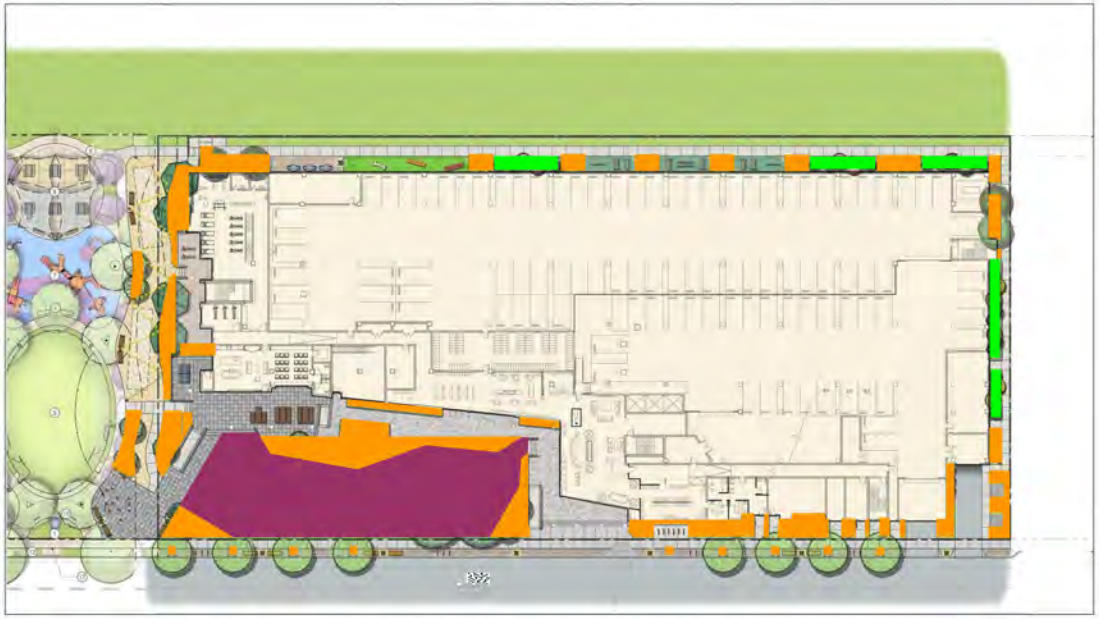
not to scale

## WATER USE LEGEND

| KEY | WUCOLS | AREA |
|---|---|---|
| | LOW WATER USE | GROUND FLOOR - 988 SF<br>4TH FLOOR - 1,623 SF<br>8TH FLOOR - 322 SF<br>**TOTAL - 2,933 SF** |
| | MODERATE WATER USE | GROUND FLOOR - 7,915 SF<br>4TH FLOOR - 0 SF<br>8TH FLOOR - 0 SF<br>**TOTAL - 7,915 SF** |
| | HIGH WATER USE | GROUND FLOOR - 6,515 SF<br>4TH FLOOR - 0 SF<br>8TH FLOOR - 214 SF<br>**TOTAL - 6,729 SF** |
| | SPECIAL LANDSCAPE AREA (POOLS, WATER FEATURES) | GROUND FLOOR - 0 SF<br>4TH FLOOR - 1,138 SF<br>8TH FLOOR - 0 SF<br>**TOTAL - 1,138 SF** |



4TH FLOOR PODIUM



GROUND FLOOR

8TH FLOOR ROOF DECK

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07/27/2020 | 18020

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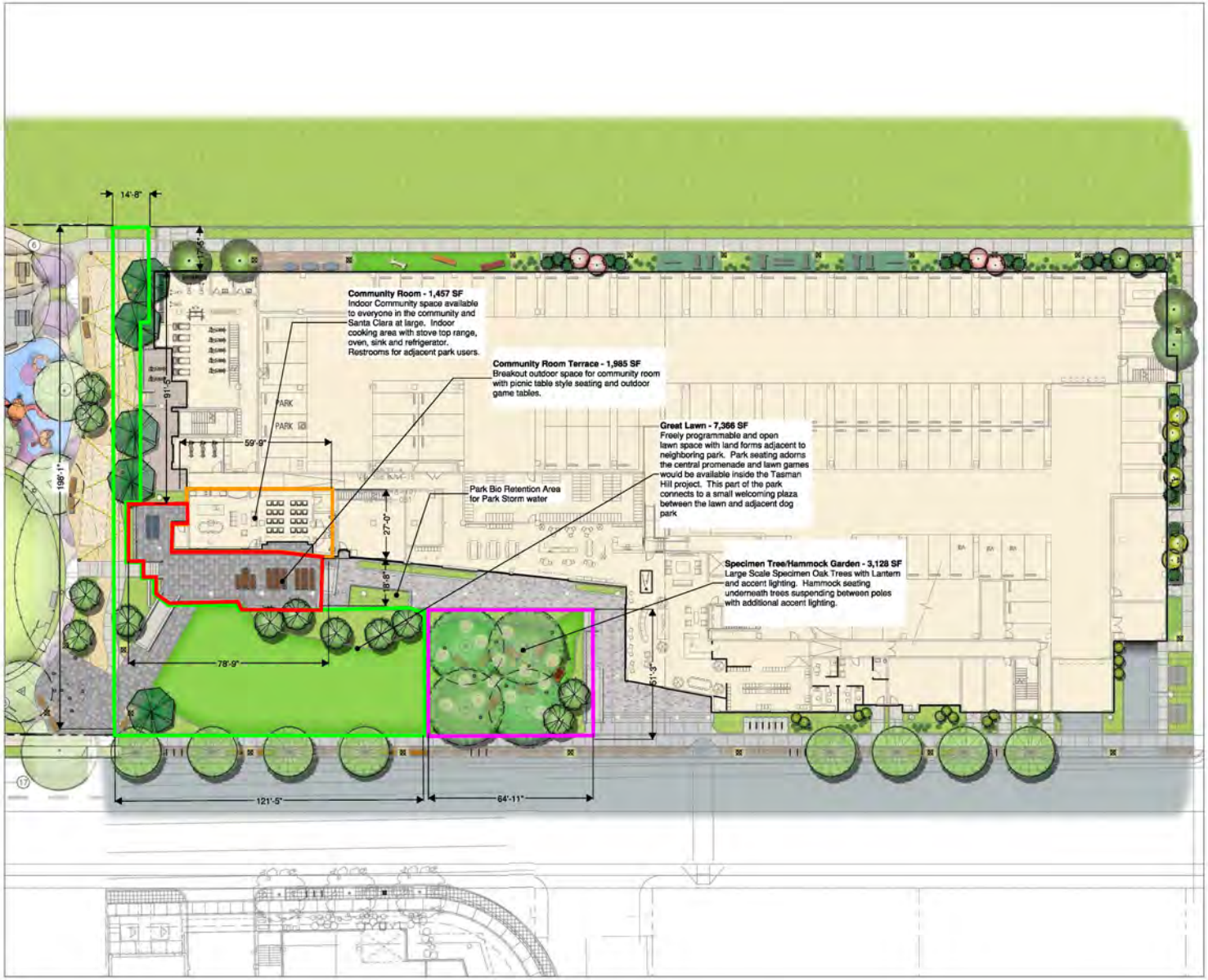
ENSEMBLE REAL ESTATE INVESTMENTS

RE THINK DEVELOPMENT

Scale: 1" = 30'
0 15' 30' 60'

IRRIGATION ZONE DIAGRAMS

L4.1




**Basis of Design Narrative**

The Ensemble portion of the Hill Park builds on what has already been designed by Summerhill as well as anchors the Hill District and terminus of the Calle del Sol street extension.

The Park's California Oak and Hammock Grove on the West side of the axis of Calle del Sol provides a strong natural invitation and connection to the Hill Park from the neighborhood. The trees form a statement and shade during the day with an interesting collection of hammocks for park goers to relax or play in. During the evening the lights and lanterns hung from the California Oaks will create a whimsical visual anchor at the end of the Calle del Sol extension as well as Calle del Mundo to invite interest and interaction with the public park.

To the West of this Oak Grove fronting Calle del Mundo and reaching West until it intersects with Summerhill's portion of the park lies an open lawn for creative play or relaxation that has a collegiate feel. Frisby, lawn games, playing catch, or just lying out a blanket and having a picnic would be welcome.

To the North of the Great Lawn lies the Park Community Room and Terrace that can be reserved by anybody in Santa Clara for events, kids parties, meetings, etc much like other community rooms throughout the city. It will have a kitchen and AV equipment including a screen that can be used for events and will also have bathrooms that can be used by visitors to the community room and the park. It will have furniture that can be reconfigured for particular events and a garage style glass door to open the space to the Terrace to accommodate larger groups or events while covered from the elements.

The Community Room Terrace is an outdoor breakout space for the Community Room. This terrace will be tucked under the residential building overhang protecting users from the sun and elements. This space will be furnished with park tables and chairs, as well as, outdoor game tables.

To the West of the lawn and Community Room and Terrace lies a welcome plaza with a collection of natural boulders and artful structures as well as a decomposed granite pentaque courts (French Bocce ball) with inviting overhead string lights that connect with the Summerhill's park elements in a complementary and collaborative way.

Ensemble's park features along with Summerhill's park features and elements will collectively provide a great community park and asset that provides 8 of the 10 required elements for the Tasman East Focus Plan.

| **Dedicated Parkland** | |
|---|---|
| Great Lawn | 7,366 SF |
| Specimen Tree/Hammock Garden | 3,128 SF |
| Community Room | 1,457 SF |
| Community Room Terrace | 1,985 SF |
| ***Total Square Footage*** | ***13,936 SF*** |
| ***Total Acreage*** | ***.32 AC*** |

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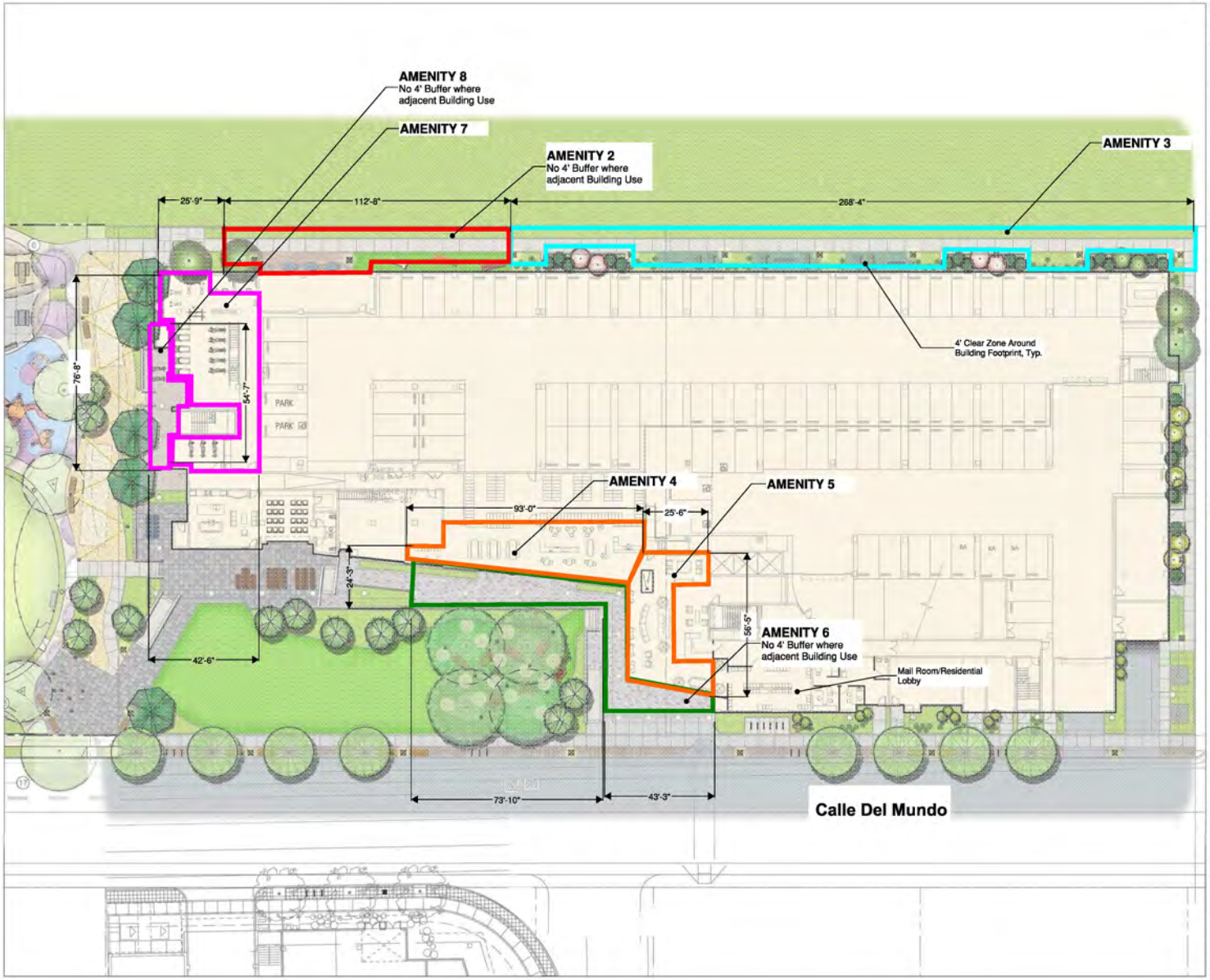
ENSEMBLE REAL ESTATE INVESTMENTS

RE THINK DEVELOPMENT

Scale: 1" = 20'
0 10' 20' 40'

# DEDICATED PARKLAND ANALYSIS

L5.1




## ON SITE RECREATIONAL AMENITIES - GROUNDFLOOR

| Amenity | Location | Name | Element (1-10) | Area (sf) | Description |
|---|---|---|---|---|---|
| 1 | Not used. | n/a | n/a | 0 | |
| 2 | Groundfloor | Dog Run | Element #9 | 1637 | Fenced dog run with synthetic turf, dog obstacles and visitor seating. Dog Water Fountain. Dog areas are to be tied to irrigation system with independent valves for maintenance purposes only. |
| 3 | Groundfloor | Outdoor Fitness | Element #6 | 3237 | Outdoor Fitness Machines and Workout apparatus. |
| 4 | Groundfloor | Park Lounge | Element #8 | 1621 | Communal Seating Area, Lawn Game/Sport Equipment check out/borrow office to be used in dedicated parkland |
| 5 | Groundfloor | Park Lounge | Element #8 | 1284 | Communal 4 top tables, intimate lounge seating areas, pool table |
| 6 | Groundfloor | Porch/Terrace Seating | Element #3 | 1817 | 13 bistro tables, spread out across terrace with views into the adjacent park. 4 top tables out front of lobby lounges, seat walls and stair seating along north edge of lawn. All available to building residents and public. |
| 7 | Groundfloor | Fitness Room/Fitness Studio | Element #6 & #8 | 2186 | Fitness Machines and Yoga Studio Space, Fitness on Demand Monitors and Space |
| 8 | Groundfloor | Fitness Terrace | Element #6 | 492 | Outdoor Extension and Breakout space for Fitness room. Outdoor workouts and yoga space. |
| | | | Total (sf) | 12274 | |

## ON SITE RECREATIONAL AMENITIES - TOTALS

| | | |
|---|---|---|
| Total Required Elements - Overall Site (See Sheets L5.2-L5.6) | 6 of 10 | |
| Total Groundfloor (sf) | 12274 | |
| Total 2nd Level (sf) | 1867 | |
| Total 3rd Level (sf) | 1704 | |
| Total 4th Level (sf) | 14845 | |
| Total 8th Level (sf) | 2574 | |
| Total On Site Recreational Amenities (sf) | 33264 | |
| Total On Site Recreational Amenities (ac) | 0.76 | |

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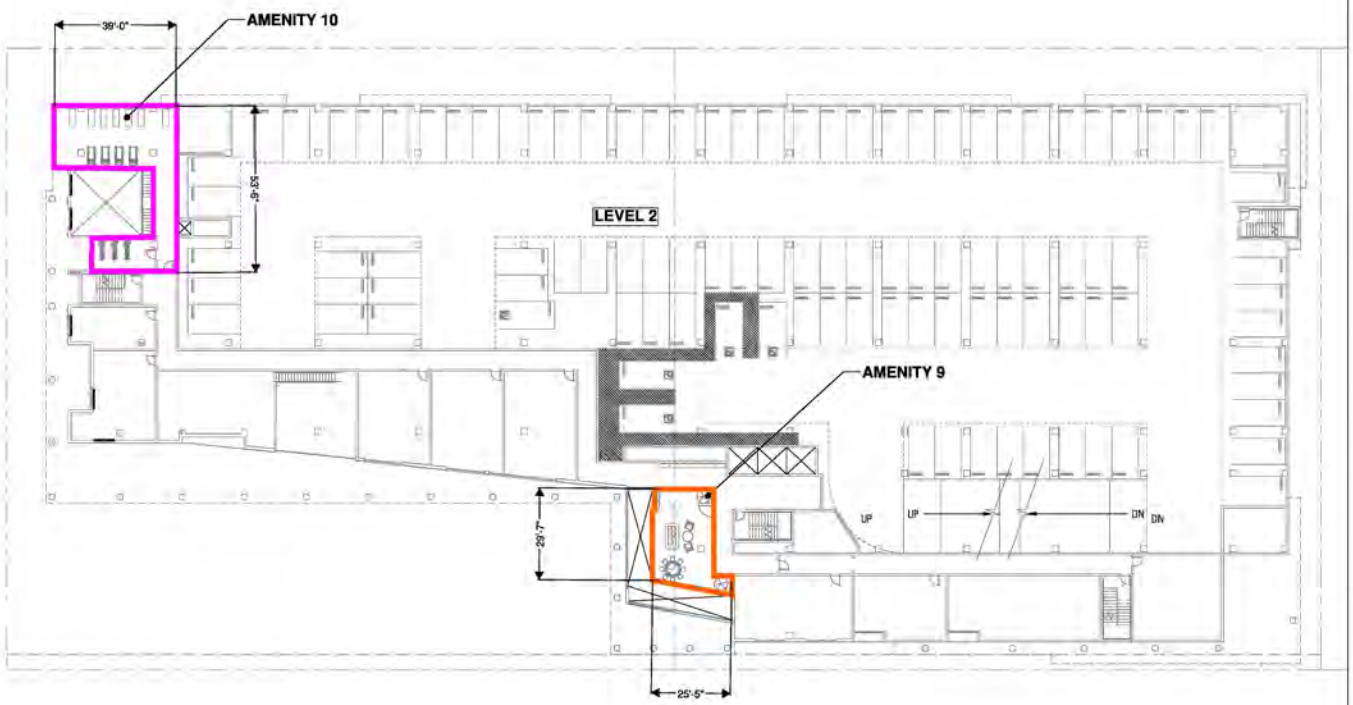
ENSEMBLE REAL ESTATE INVESTMENTS

RE THINK

Scale: 1" = 20'
0 10' 20' 40'

# PARK CREDIT ANALYSIS - GROUNDFLOOR

L5.2




| ON SITE RECREATIONAL AMENITIES - 2nd Level | | | | | |
|---|---|---|---|---|---|
| Amenity | Location | Name | Element (1-18) | Area (sf) | Description |
| 9 | 2nd Floor | Reading, Game Room, Music Room | Element #6 | 665 | Area with seating for reading, music, card or other table games. |
| 10 | 2nd Floor | Fitness Room/Fitness Studio | Element #8 | 1202 | Fitness Machines and Yoga Studio Space, Fitness on Demand Monitors |
| | | | Total (sf) | 1867 | |

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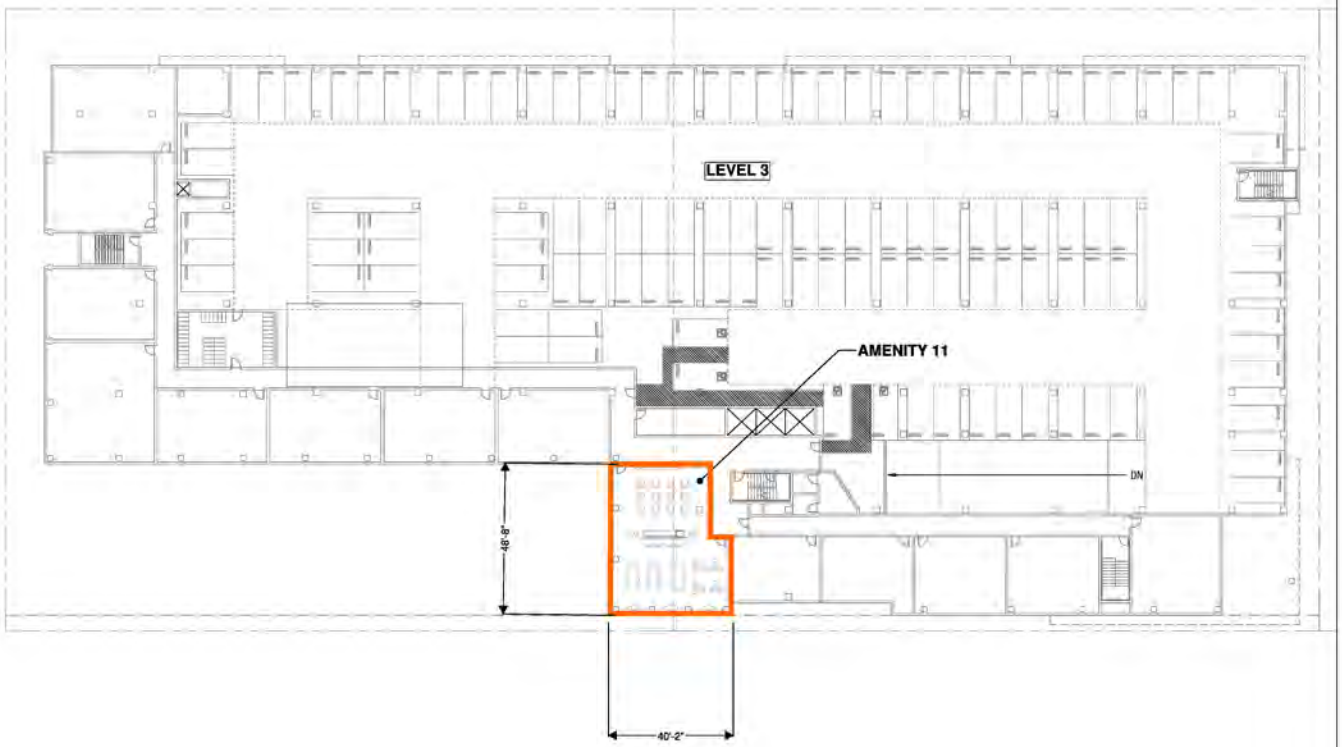
ENSEMBLE REAL ESTATE INVESTMENTS

RE THINK

Scale: 1" = 20'
0 10' 20' 40'

PARK CREDIT ANALYSIS - 2ND LEVEL

L5.3




| ON SITE RECREATIONAL AMENITIES - 3rd Level | | | | | |
|---|---|---|---|---|---|
| Amenity | Location | Name | Element (1-10) | Area (sf) | Description |
| 11 | 3rd Floor | Resident Lounge & Activity Area | Element #8 | 1704 | Lounge, activity, and theater space with amenities and seating and tables for lounging, events, activities, dining, games and theater area for movie, sports, or performances watching. |
| | | | Total (sf) | 1704 | |

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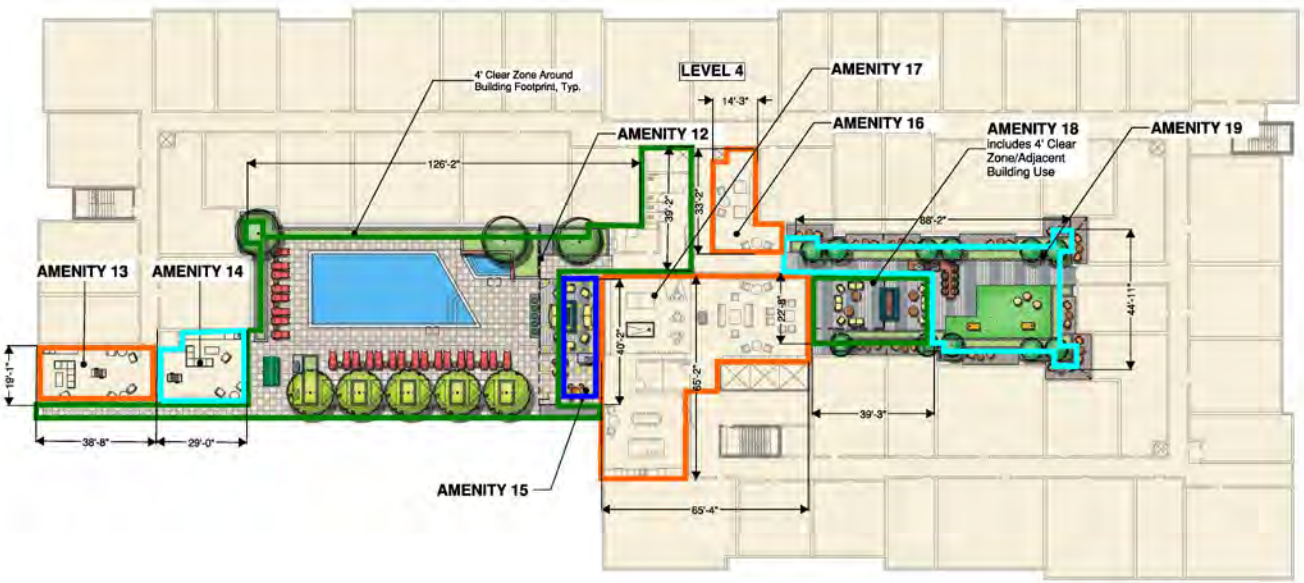
ENSEMBLE REAL ESTATE INVESTMENTS

RE THINK

Scale: 1" = 20'
0 10' 20' 40'

PARK CREDIT ANALYSIS - 3rd LEVEL

L5.4




**ON SITE RECREATIONAL AMENITIES - Building 19 - 4th Floor**

| Amenity | Location | Name | Element (1-19) | Area (sf) | Amenities |
|---|---|---|---|---|---|
| 12 | 4th Floor | Pool Deck | Elements #3 | 6818 | Outdoor landscape and nicely hardscaped courtyard area with chaise lounge seating around pool and spa with raised planters and planter pots. 4 x Cabana tents and lounge seating areas with fire element BBQ,s pool showers and restroom. |
| 13 | 4th Floor | Outdoor Lounge Area | Element #9 | 700 | Fully furnished space with wet bar and refigerator, outdoor televisions and intimate seating areas. |
| 14 | 4th Floor | Outdoor Game Area | Element #6 | 594 | Fully furnished space with wet bar with refrigerator, outdoor televisions, ping pong and game tables. |
| 15 | 4th Floor | Outdoor Dining Area | Element #0 | 553 | Breakout Dining space for Community Room or eating next to pool with BBQ'd food.- 3 x 4 Top Tables |
| 16 | 4th Floor | Game Room | Element #8 | 506 | Video game area, VR room/lounge style seating |
| 17 | 4th Floor | Amenity Hall & Lounge | Element #8 | 2878 | Big community amenity lounge connecting the two courtyards with multiple activity areas for games, cooking, gathering, interacting, or reading, homework, and group study similar programming to community centers. Pool tables, other parlor games, ping pong, big TV's for watching movies and sports, resident chef's kitchen, communal tables and seating for eating, parties, games, reading, etc. |
| 18 | 4th Floor | Fireplace Lounge | Element #3 | 875 | 2 sided outdoor fireplace with seating on both sides, overhead trellis |
| 19 | 4th Floor | Outdoor Game Space | Element #0 | 1921 | Synthetic turf area for lawn games, tossing balls and soft seating. Also includes fire element BBQ,s with bar seating. |
| | | | Total (sf) | 14845 | |

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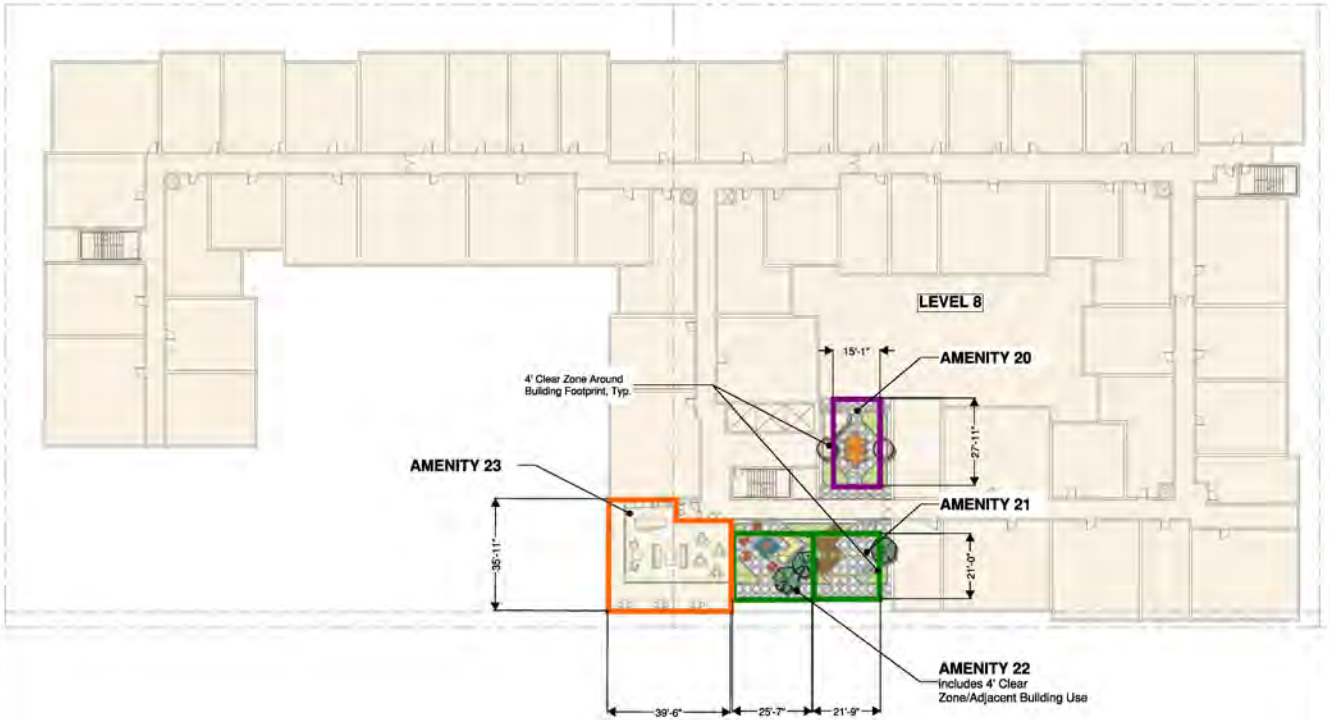
ENSEMBLE REAL ESTATE INVESTMENTS

RE THINK

Scale: 1" = 20'
0 10' 20' 40'

PARK CREDIT ANALYSIS - 4th LEVEL

L5.5




## ON SITE RECREATIONAL AMENITIES - 8th Level

| Amenity | Location | Name | Element (1-10) | Area (sf) | Amenities |
|---|---|---|---|---|---|
| 20 | 8th Floor | Community Garden | Element #4 | 419 | Raised garden plots, outdoor tool shed, hose bibs and utility sink. Outdoor cooking counter with 1 x BBQ, 1x communal table for Farm to Table experience |
| 21 | 8th Floor | View Terrace | Element #3 | 374 | Low Planter Walls, 3 x Wave Platform Seating Elements |
| 22 | 8th Floor | Fire Terrace | Element #3 | 503 | Low Planter Walls, 1x Firepit, Lounge Seating |
| 23 | 8th Floor | Club Room | Element #8 | 1278 | Indoor seating area and kitchenette with communal tables and outdoor terrace with park views for gathering, parties, events, games, etc |
| | | | Total (sf) | 2574 | |

## ON SITE RECREATIONAL AMENITIES - TOTALS

| | | |
|---|---|---|
| Total Required Elements - Overall Site (See Sheets L5.2-L5.6) | 6 of 10 | |
| Total Groundfloor (sf) | 12274 | |
| Total 2nd Level (sf) | 1867 | |
| Total 3rd Level (sf) | 1704 | |
| Total 4th Level (sf) | 14845 | |
| Total 8th Level (sf) | 2574 | |
| Total On Site Recreational Amenities (sf) | 33264 | |
| Total On Site Recreational Amenities (ac) | 0.76 | |

## Parkland and Open Space Summary Table

| Parkland/Open Space Type | Sheet | SF | Acres | *Credit % | Park Fee Credit/ Offset in SF | Threshold In Acres | | |
|---|---|---|---|---|---|---|---|---|
| Dedicated Parkland | L5.1 | 13,936 | 0.32 | 100% | 13,936 | | 0.27 | 11,700 SF |
| Private Onsite Recreational Amenities | L5.2-L5.6 | 33,264 | 0.76 | 50% | 16,632 | | 0.75 | |
| Total | | 47,200 | 1.08 | | 30,568 | | | |
| Total in Acres | | | | | 0.70 | | | |
| *Credit % As Detailed by TEFA or Parks Ordinance 17.35 SCCC | | | | | | | | |

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# PARK CREDIT ANALYSIS - 8th LEVEL/ OVERALL SUMMARY TABLE

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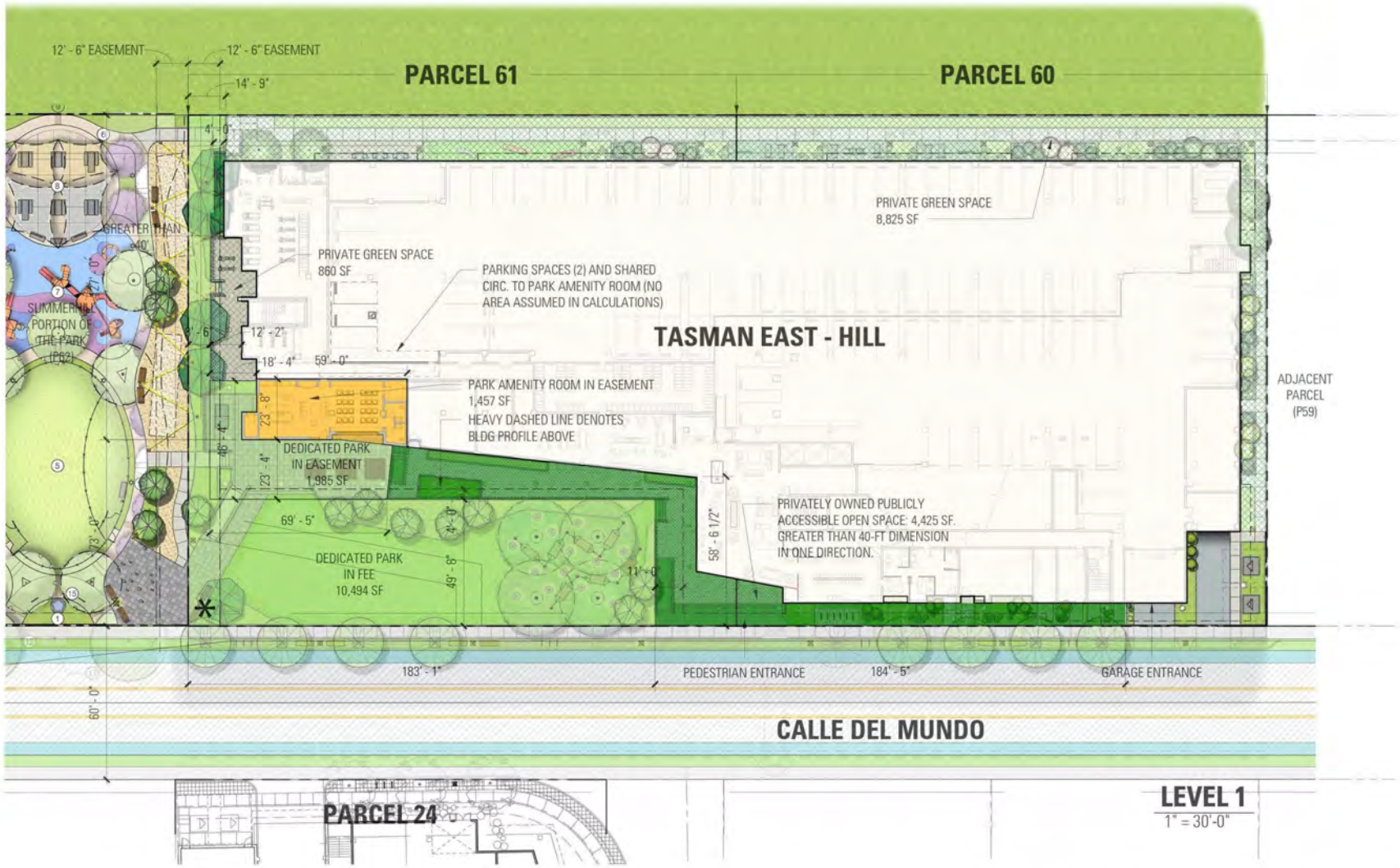
ENSEMBLE REAL ESTATE INVESTMENTS

RE THINK

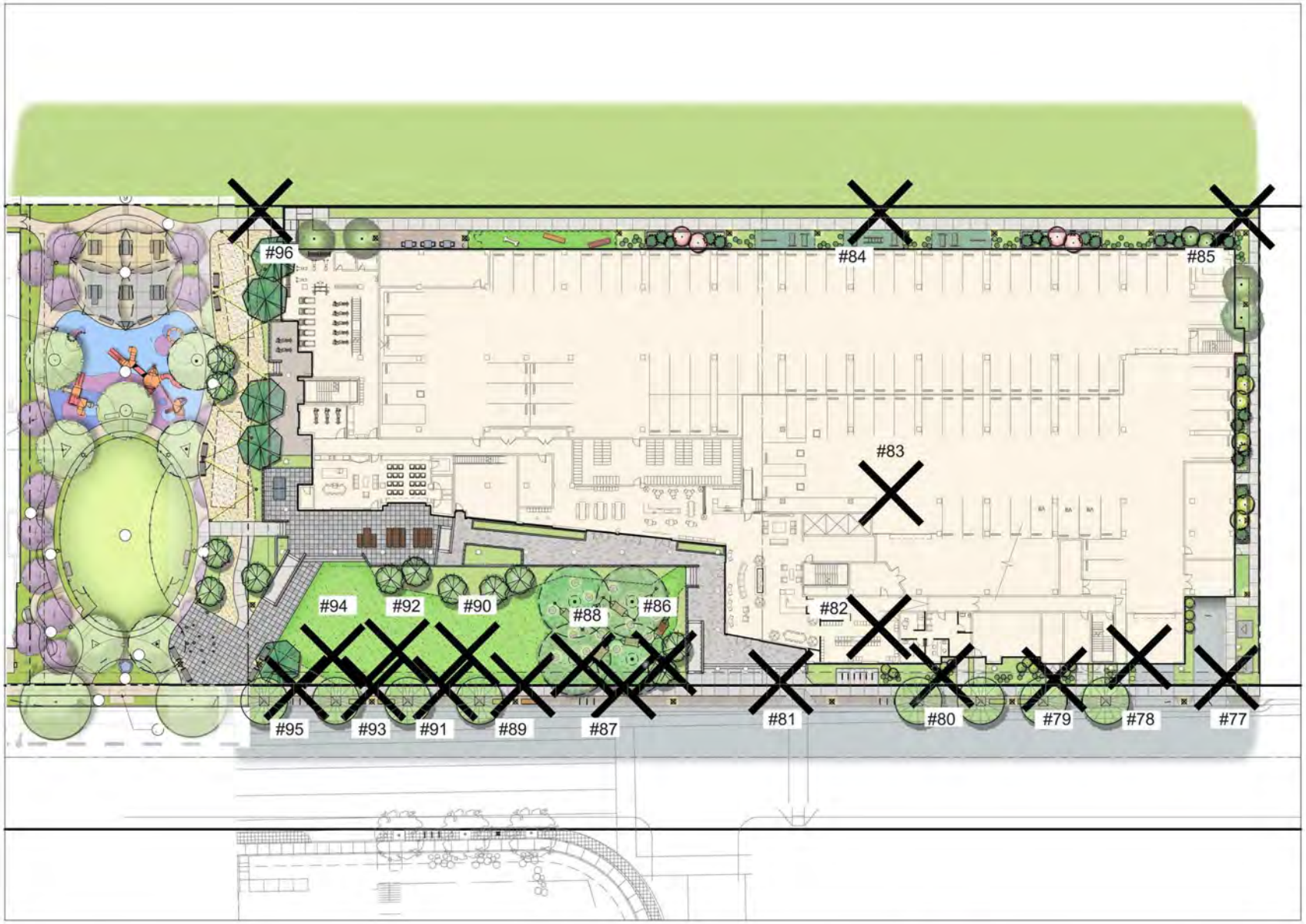
Scale: 1" = 20'
0 10' 20' 40'

L5.6




**LEVEL 1**
1" = 30'-0"

| | | | | |
|---|---|---|---|---|
| **TASMAN HILL**<br>SANTA CLARA, CA | CALLE DEL MUNDO, SANTA CLARA, CA | | DEDICATED PARKLAND ANALYSIS - OPEN SPACE OVERLAY | |
| | 07/27/2020 | 18020 | THE GUZZARDO PARTNERSHIP INC. Landscape Architects · Land Planners<br>ENSEMBLE REAL ESTATE INVESTMENTS<br>RE THINK Development<br>Scale: 1" = 20' (0, 10', 20', 40') | L5.7 |




## TREE DISPOSITION LEGEND

| Key | Description | Qty |
|---|---|---|
| | Total Existing Trees On Site | 20 |
| | Existing Trees to be Removed | 20 |
| | Existing Trees to Remain | 0 |
| #00 | Tree Number - Refer to Arborist Report Prepared by David Babby dated 4/12/19. | |
| | Total Proposed Trees (Note: Does not include proposed street trees) | 54 |

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ENSEMBLE REAL ESTATE INVESTMENTS

RE THINK

Scale: 1" = 20'
0 10' 20' 40'

TREE DISPOSITION PLAN

L6.1

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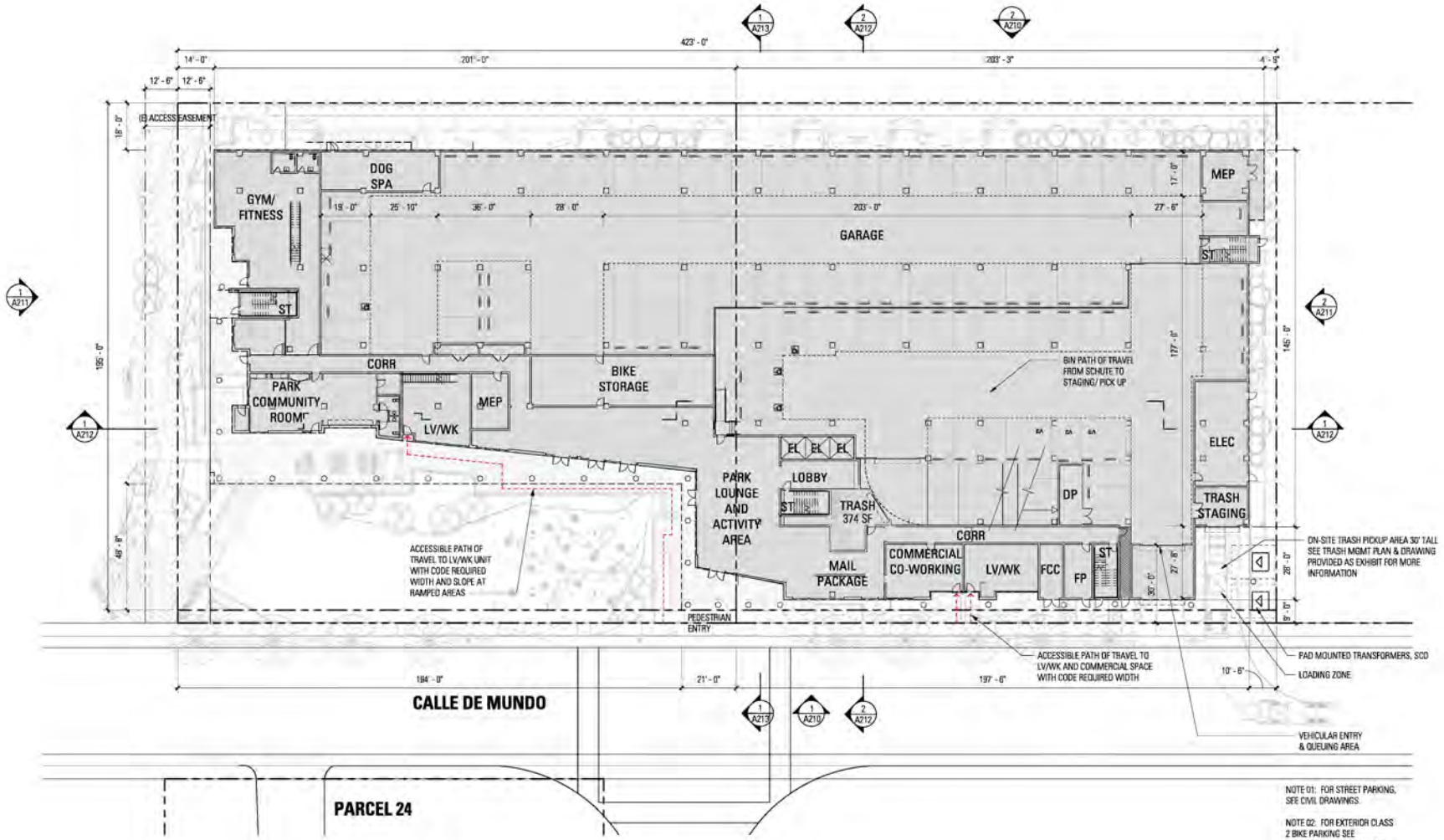


NOTE 01: FOR STREET PARKING, SEE CIVIL DRAWINGS.

NOTE 02: FOR EXTERIOR CLASS 2 BIKE PARKING SEE LANDSCAPE DRAWINGS, FOR INTERIOR CLASS 1 BIKE PARKING SEE ARCHITECTURAL FLOOR PLANS.

0 10' 20' 40'

N

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| | | | | | | |
|---|---|---|---|---|---|---|
| **TASMAN EAST - THE HILL**<br>SANTA CLARA, CA | 2263 CALLE DEL MUNDO, SANTA CLARA, CA | | | | | SITE PLAN |
| | | 07/27/2020 | 18020 | BARarchitects ENSEMBLE REAL ESTATE INVESTMENTS RETHINK | | A100 |

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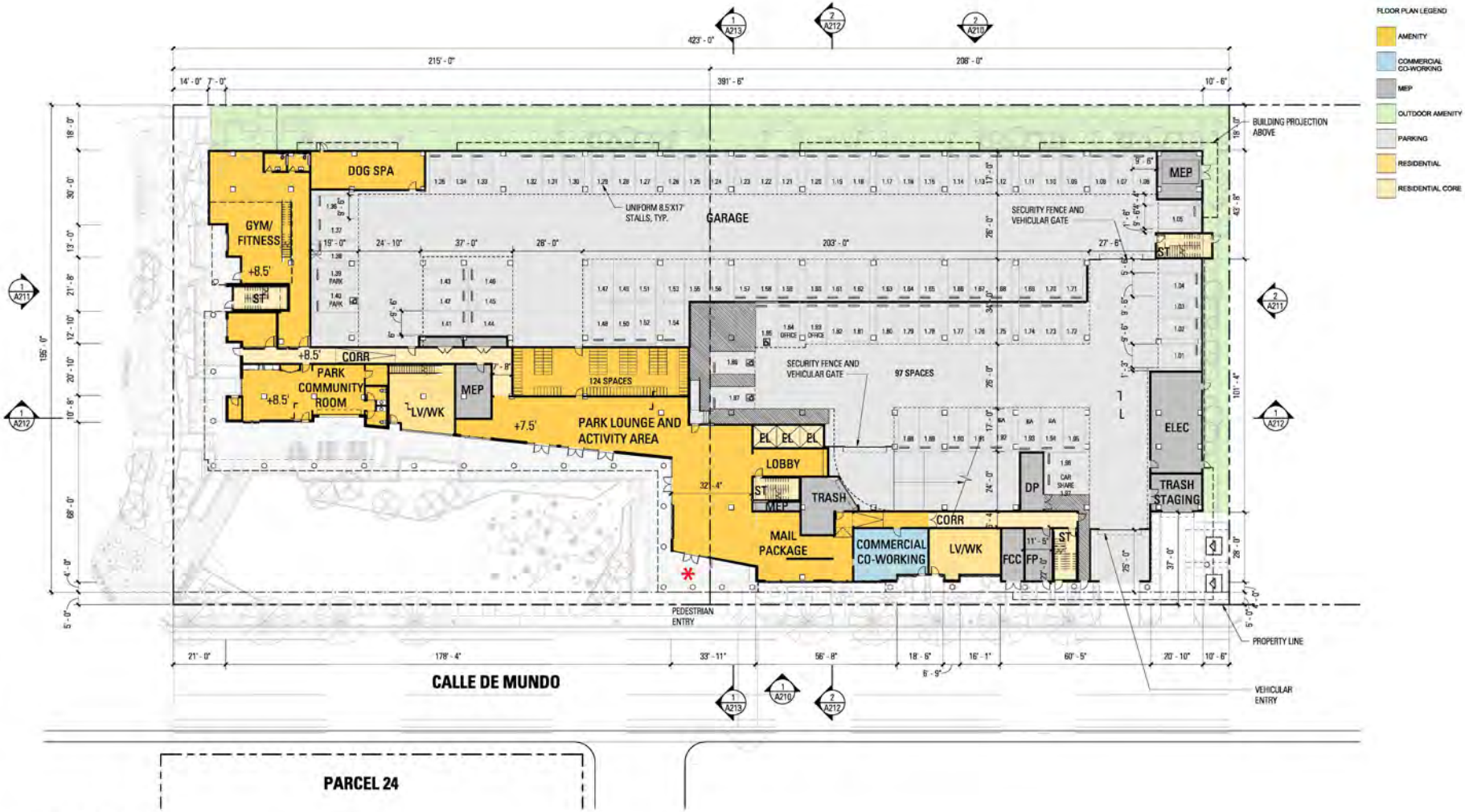


## P60 LEVEL 01

1" = 20'-0"

7/24/2020 1:32:52 PM C:\0 REVIT\Tasman East_Hill_approvals.rvt

| TASMAN EAST - THE HILL<br>SANTA CLARA, CA | 2263 CALLE DEL MUNDO, SANTA CLARA, CA | | | | FLOOR PLAN - LEVEL 1 |
|---|---|---|---|---|---|
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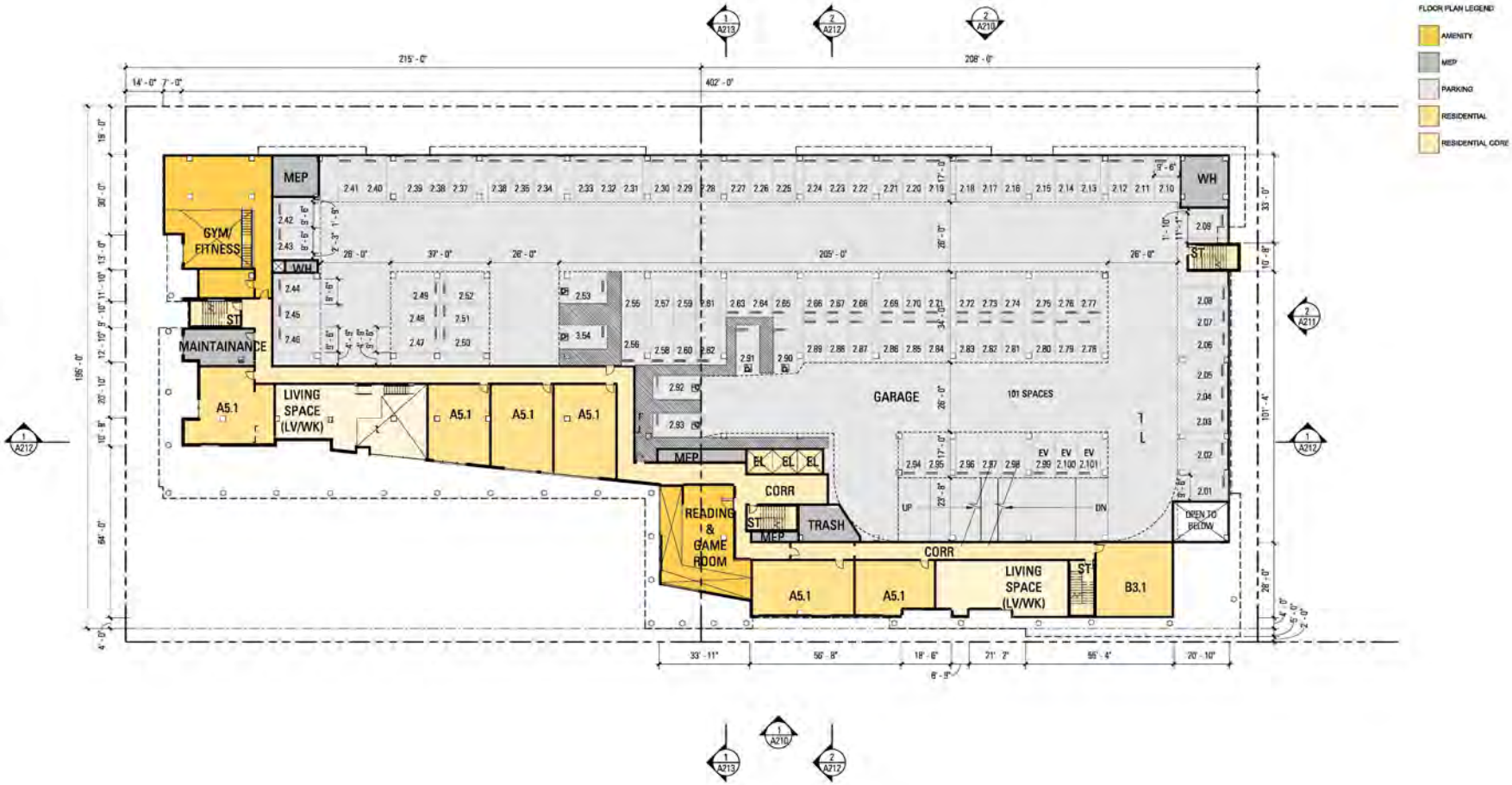


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| TASMAN EAST - THE HILL<br>SANTA CLARA, CA | 2263 CALLE DEL MUNDO, SANTA CLARA, CA | | | | FLOOR PLAN - LEVEL 2 |
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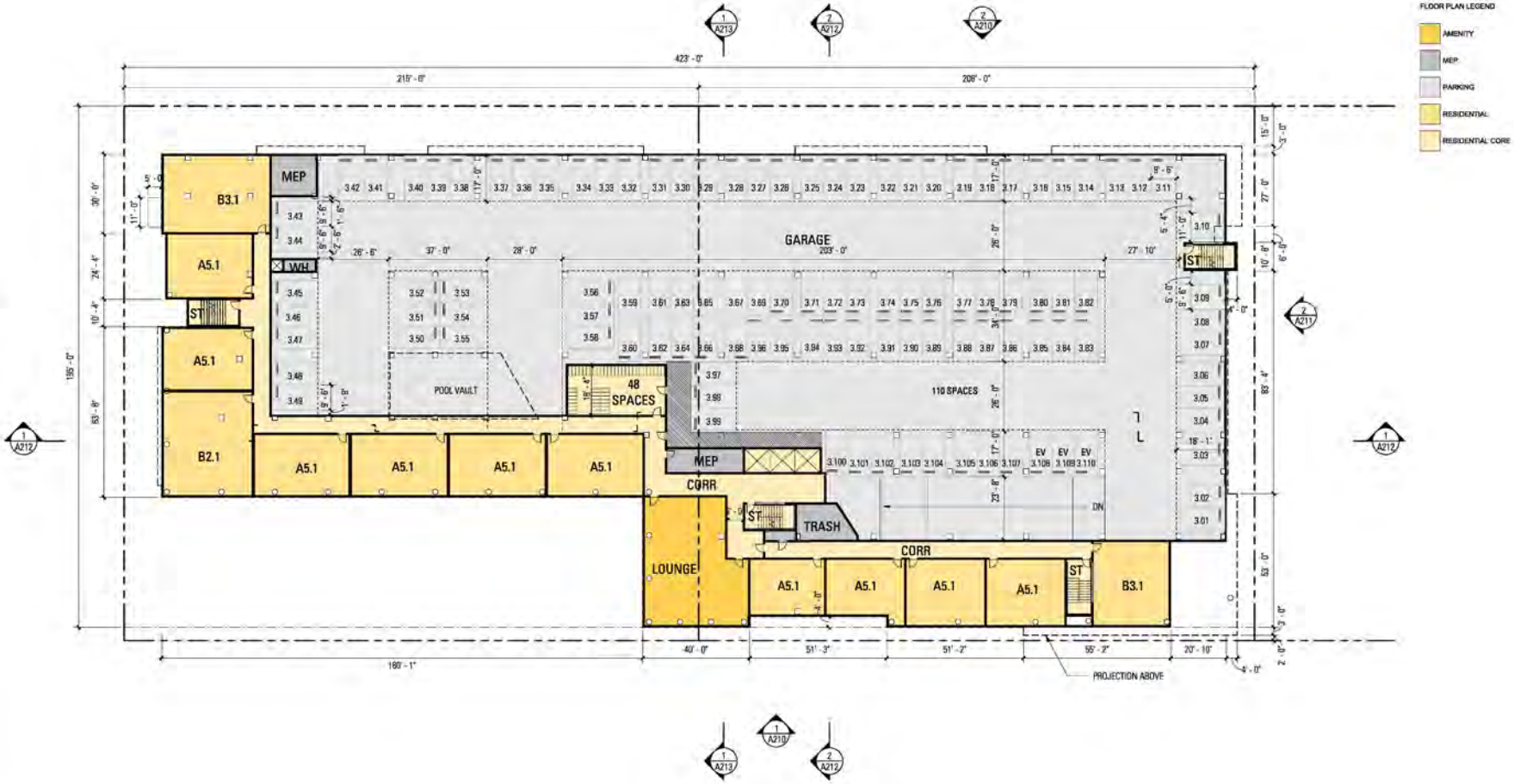


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FLOOR PLAN - LEVEL 3

A203

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FLOOR PLAN - LEVEL 4

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FLOOR PLAN - LEVEL 5

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## FLOOR PLAN - LEVEL 6

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# TASMAN EAST - THE HILL

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## FLOOR PLAN - LEVEL 7

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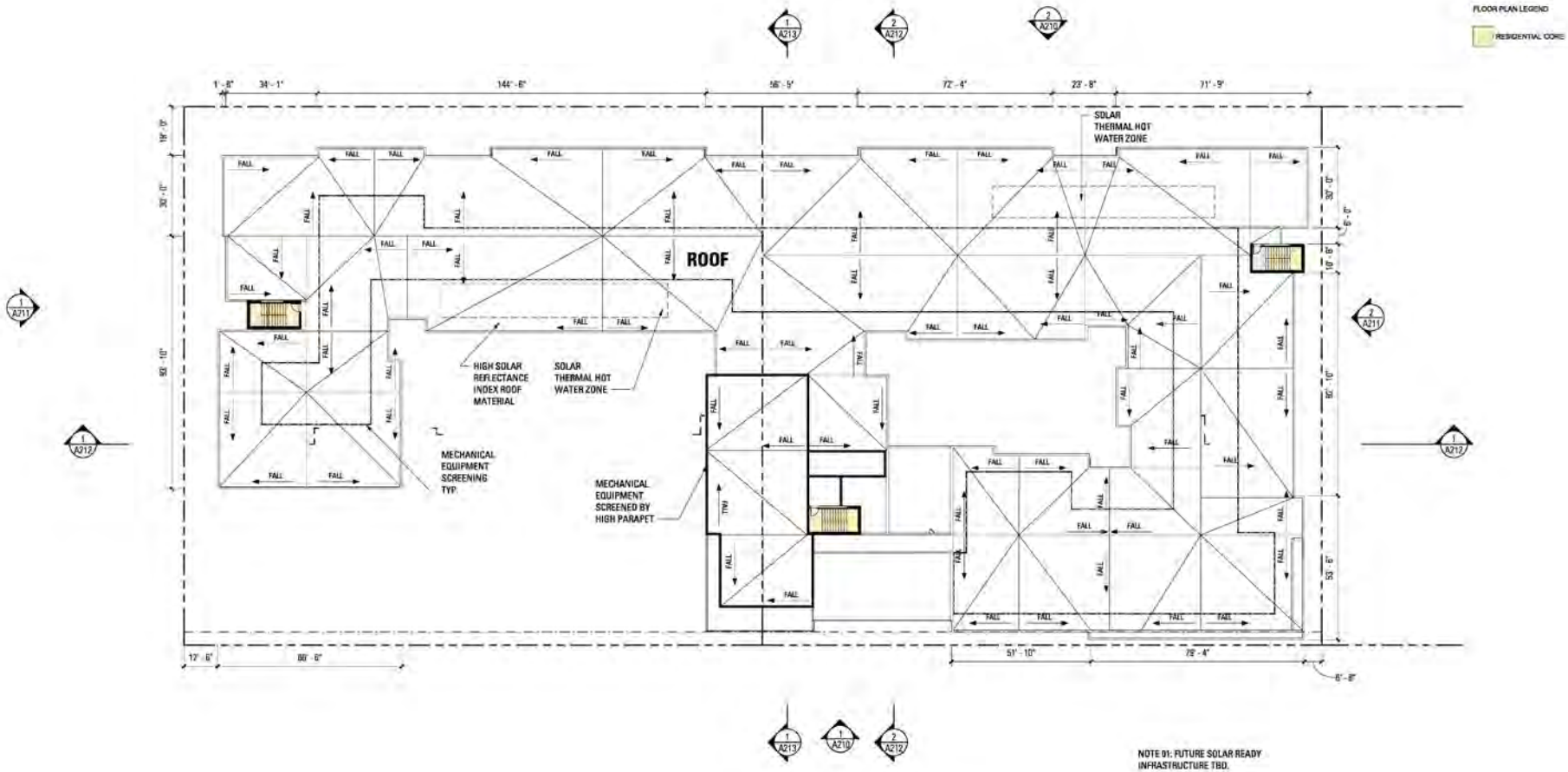


NOTE 01: FUTURE SOLAR READY INFRASTRUCTURE TBD.

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1 A210 **EXTERIOR ELEVATION - SOUTH**
1" = 20'-0"

2 A210 **EXTERIOR ELEVATION - NORTH**
1" = 20'-0"

Note 01: See A300 for sample materials and color palette. Materials shall comply with the standards outlined in Section 06.1, Building Design on page 78 of the TEFAP dated 2/22/19.

Note 02: Residential units shall have operable windows, and that light and air will be provided to all habitable spaces per City of Santa Clara Building Official requirements.

Note 03: Project materials will be consistent with the goals of LEED Silver Equivalency, including use of sustainable and locally sourced materials where feasible. Ground floor materials are designed to be high quality, tactile material such as brick veneer (example only - exact material to be determined). Glazing will be designed to maximize visible light while minimizing unwanted heat gain or loss. Facade and materials will be designed to contribute to the project's LEED Silver equivalent performance, incorporating elements such as local sourcing, minimizing glare, appropriate insulation values, and daylighting. Project proposes to use nail fin vinyl windows. High quality window detailing will be provided appropriate to standard industry requirements for this window type.

Note 04: See landscape drawings for landscape design intent, landscape shown conceptually for context only and may vary from proposed design

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EXTERIOR ELEVATIONS

A210

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## 1 A211 EXTERIOR ELEVATION - WEST

1" = 20'-0"

## 2 A211 EXTERIOR ELEVATION - EAST

1" = 20'-0"

Note 01: See A300 for sample materials and color palette. Materials shall comply with the standards outlined in Section 06.1, Building Design on page 78 of the TEFAP dated 2/22/19.

Note 02: Residential units shall have operable windows, and that light and air will be provided to all habitable spaces per City of Santa Clara Building Official requirements.

Note 03: Project materials will be consistent with the goals of LEED Silver Equivalency, including use of sustainable and locally sourced materials where feasible. Ground floor materials are designed to be high quality, tactile material such as brick veneer (example only - exact material to be determined). Glazing will be designed to maximize visible light while minimizing unwanted heat gain or loss. Facade and materials will be designed to contribute to the project's LEED Silver equivalent performance, incorporating elements such as local sourcing, minimizing glare, appropriate insulation values, and daylighting. Project proposes to use nail fin vinyl windows. High quality window detailing will be provided appropriate to standard industry requirements for this window type.

Note 04: See landscape drawings for landscape design intent, landscape shown conceptually for context only and may vary from proposed design

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EXTERIOR ELEVATIONS

A211

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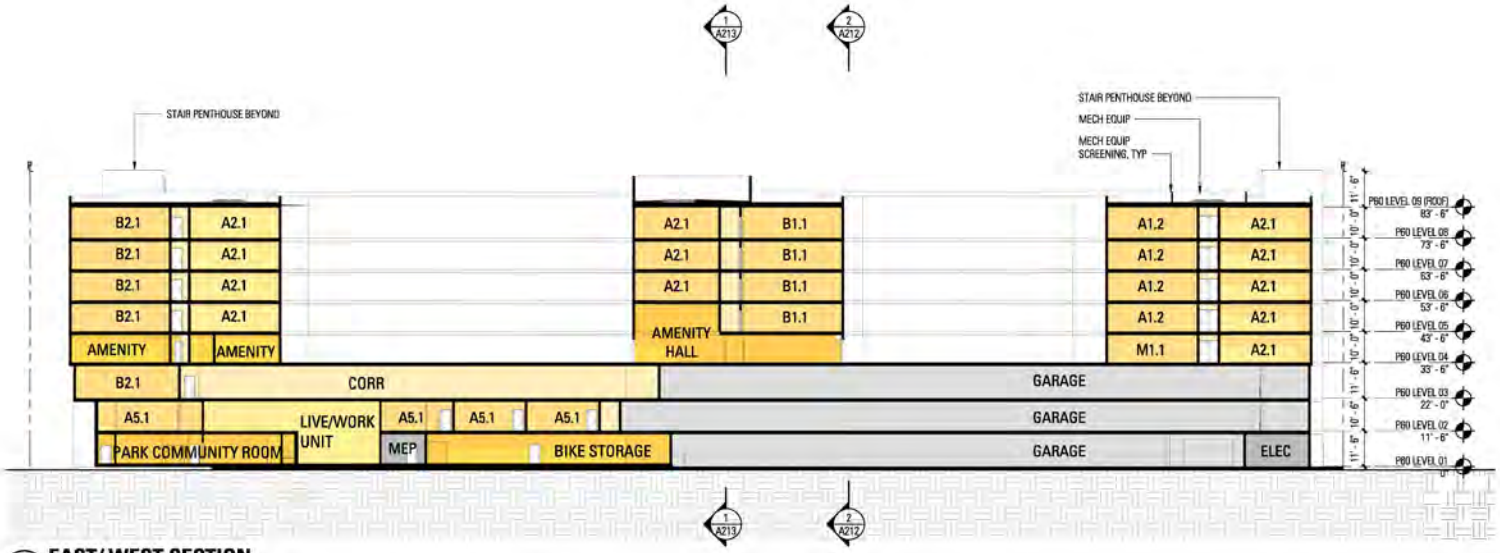
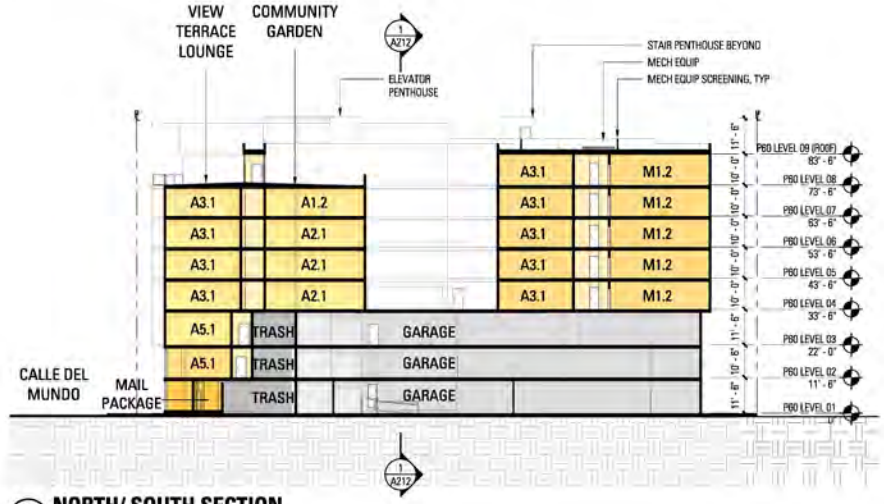



1 A212 **EAST/ WEST SECTION**
1" = 20'-0"




2 A212 **NORTH/ SOUTH SECTION**
1" = 20'-0"

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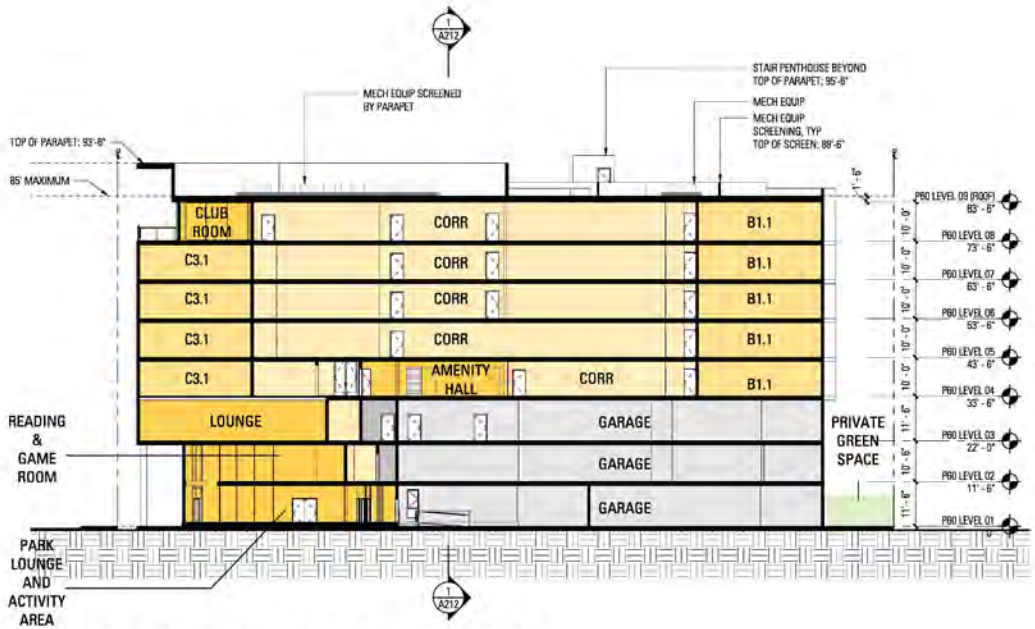
2 A213 **EXTERIOR ELEVATION - SOUTH ENLARGED**
1/16" = 1'-0"




1 A213 **SECTION THROUGH ENLARGED ELEVATION**
1/16" = 1'-0"

0 10' 20' 40'

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## 1 A214 SIGNAGE - SOUTH
1" = 20'-0"

## 2 A214 SIGNAGE - WEST
1" = 20'-0"

GENERAL NOTES:
SEE LANDSCAPE DRAWINGS FOR LANDSCAPE DESIGN INTENT, LANDSCAPE SHOWN CONCEPTUALLY FOR CONTEXT ONLY AND MAY VARY FROM PROPOSED DESIGN.

NOTES ON SIGNAGE
PER TASMAN EAST FOCUS AREA PLAN (DATED FEBRUARY 22, 2019)

SECTION 03.7 OPEN SPACE FRAMEWORK
PRIVATELY OWNED PUBLICLY ACCESSIBLE OPEN SPACE
- THE OPEN SPACE SHALL INCLUDE SIGNAGE THAT IS LOCATED IN A PUBLICLY CONSPICUOUS PLACE STATING THAT THE OPEN SPACE IS AVAILABLE OF PUBLIC USE AND THE HOURS OF USE.

SECTION 04.2 STREET ZONES
STANDARD D - BUILDING SETBACKS
- FOR RETAIL FRONTAGES ALONG CALLE DEL SOL, SETBACKS WILL BE TREATED AS SPILL-OUT ZONES WHERE USES CAN SPILL OUT OF THE BUILDING IN THE FORM OF FURNITURE, SIGNAGE, AND MERCHANDISING.

SECTION 06.4 BUILDING FRONTAGES
SETBACKS STANDARD B - HORIZONTAL PROJECTIONS INTO SETBACK ZONE
- BUILDING SIGNAGE AND LIGHTING MAY PROJECT UP TO 3 FEET AND MUST BE AT LEAST 10 FEET ABOVE SIDEWALK GRADE.
- CANOPIES AND AWNINGS MAY PROJECT UP TO 8 FEET AND MUST BE AT LEAST 10 FEET ABOVE SIDEWALK GRADE.

GROUND FLOOR RETAIL AND ACTIVE USES GUIDELINE D
- RETAIL FRONTAGES SHOULD MAINTAIN CLEAR LINES OF SIGHT INTO THE RETAIL SPACES; FOR EXAMPLE SHELVES OR SIGNS SHOULD NOT BE PLACED IN FRONT OF WINDOWS SUCH THAT A PEDESTRIAN WALKING BY CANNOT SEE INTO THE SPACE.

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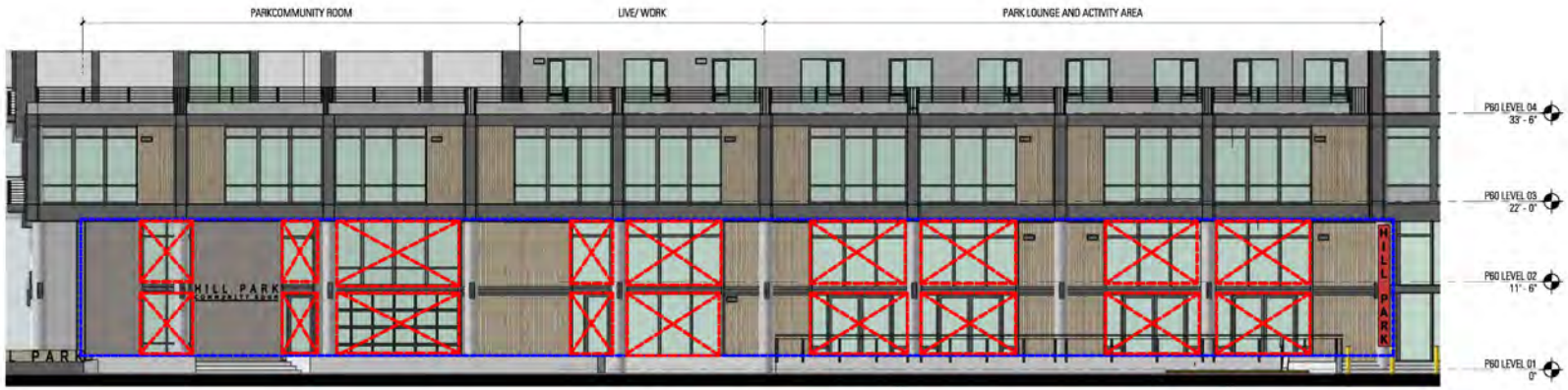
NOTE: SEE LANDSCAPE DRAWINGS FOR LANDSCAPE DESIGN INTENT. LANDSCAPE SHOWN CONCEPTUALLY FOR CONTEXT ONLY AND MAY VARY FROM PROPOSED DESIGN

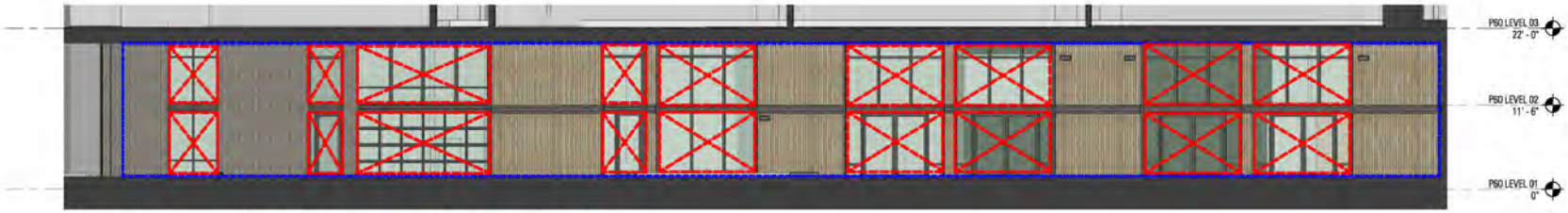
**TOTAL SF = 3205 SF**

**GLAZING SF = 1615 SF**

**GLAZING %**
**(1615 SF/3205 SF) = 50%**




1 A215 **EXTERIOR ELEVATION - SOUTH_ENLARGED 1**
1/8" = 1'-0"




2 A215 **EXTERIOR ELEVATION - SOUTH_ENLARGED 1 FLAT**
1/8" = 1'-0"

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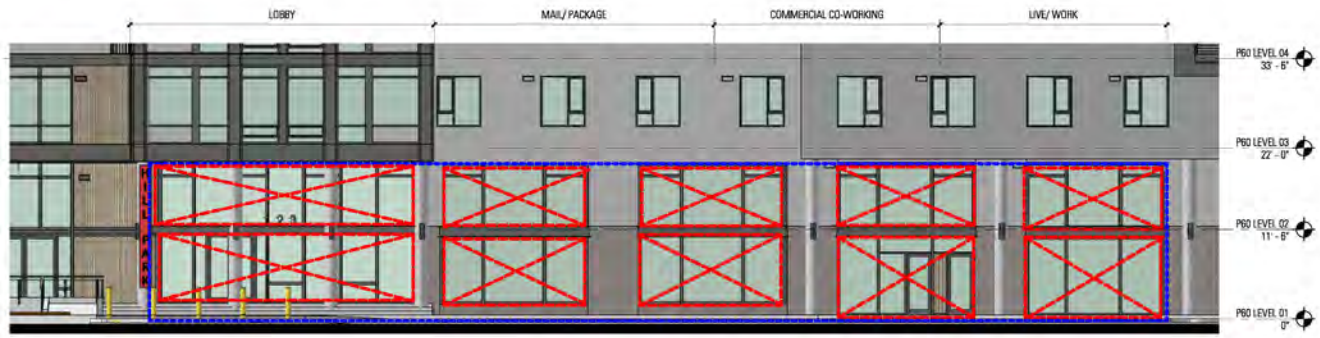
NOTE: SEE LANDSCAPE DRAWINGS FOR LANDSCAPE DESIGN INTENT. LANDSCAPE SHOWN CONCEPTUALLY FOR CONTEXT ONLY AND MAY VARY FROM PROPOSED DESIGN

**TOTAL SF** = 2830 SF

**GLAZING SF** = 1772 SF

**GLAZING %**
**(1890 SF/ 2830 SF)** = 62%




1 A216 **EXTERIOR ELEVATION - SOUTH_ENLARGED 2**
1/8" = 1'-0"

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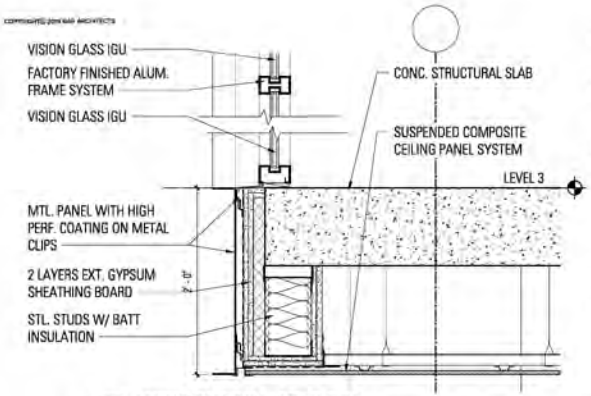
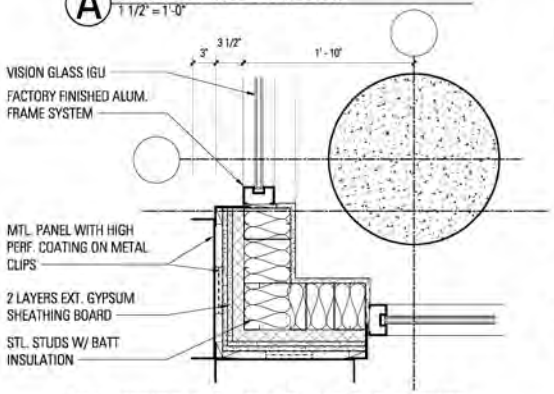
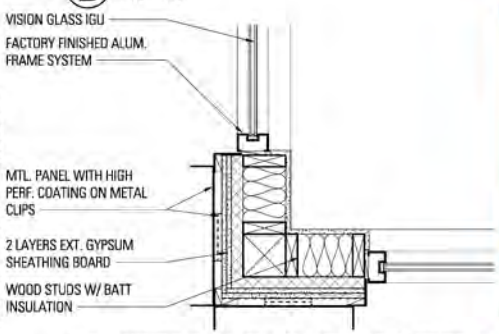


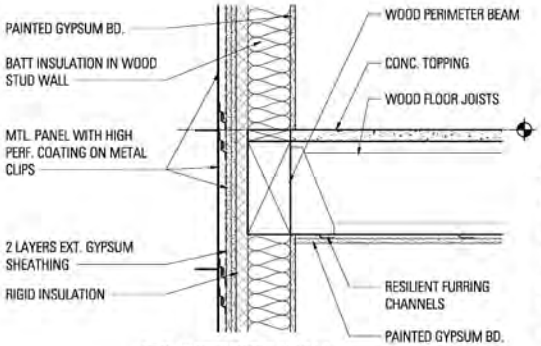

A WINDOW SILL AT FLOOR
1 1/2" = 1'-0"



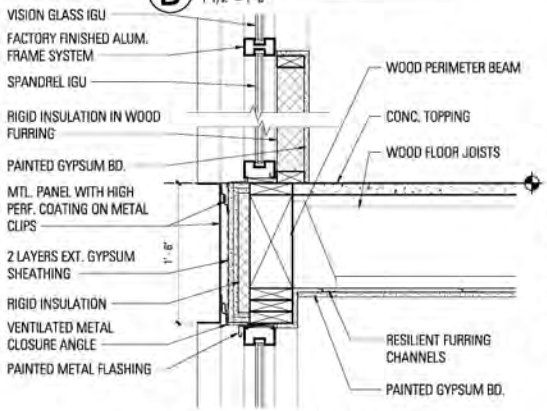

B WINDOW JAMB AT OUTSIDE CORNER
1 1/2" = 1'-0"



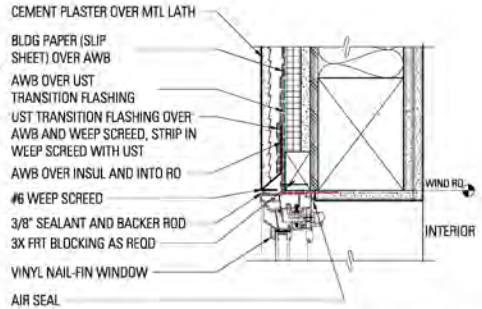

C WINDOW JAMB AT OUTSIDE CORNER 1
1 1/2" = 1'-0"



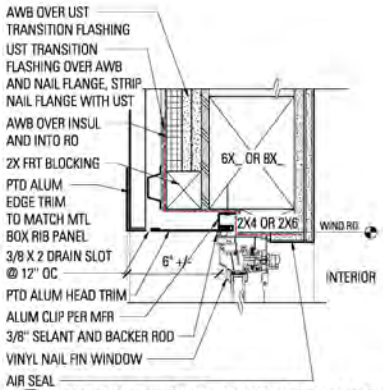

D EXTERIOR WALL
1 1/2" = 1'-0"



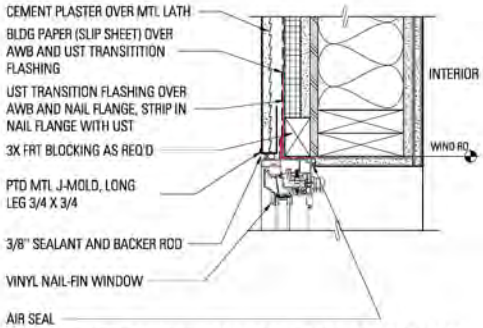

E WINDOW SILL AT FLOOR 1
1 1/2" = 1'-0"



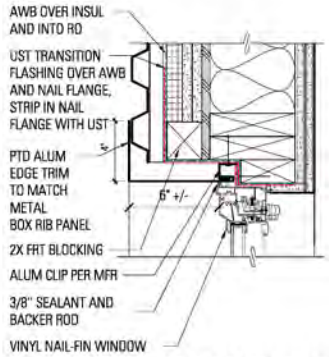

F WINDOW HEAD AT PLASTER WALL
3" = 1'-0"



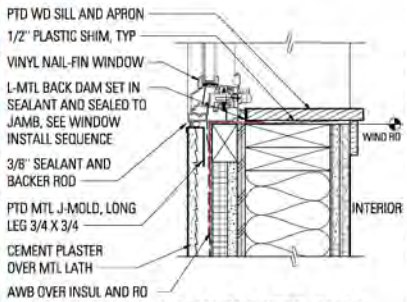

G WINDOW HEAD AT CORR MTL WALL
3" = 1'-0"



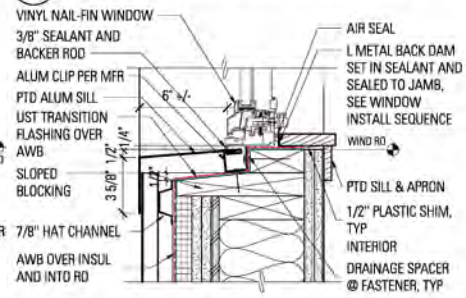

F WINDOW JAMB AT PLASTER WALL
3" = 1'-0"




G WINDOW JAMB AT CORR MTL WALL
3" = 1'-0"




F WINDOW SILL AT PLASTER WALL
3" = 1'-0"




G WINDOW SILL AT CORR MTL WALL
3" = 1'-0"

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EXTERIOR DETAILS

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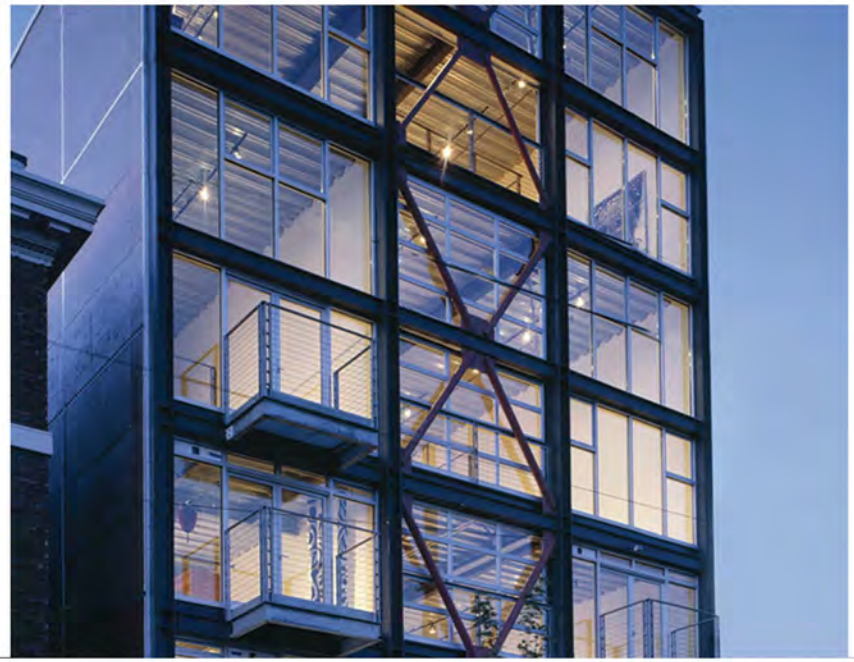

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PRECEDENT IMAGERY

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| **TASMAN EAST - THE HILL**<br>SANTA CLARA, CA | 2263 CALLE DEL MUNDO, SANTA CLARA, CA | | | | | | PERSPECTIVES |
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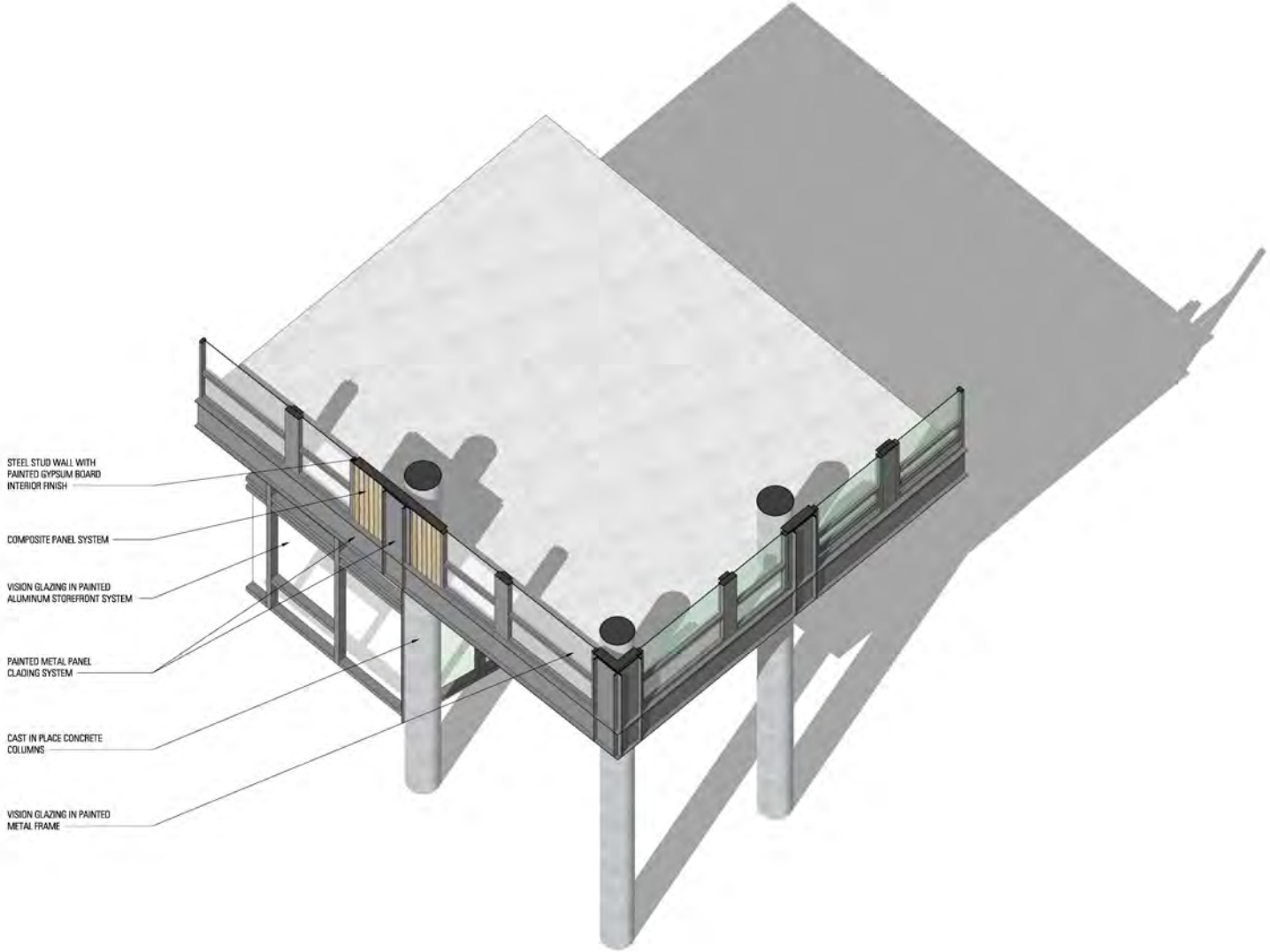


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**TASMAN EAST - THE HILL**
SANTA CLARA, CA

2263 CALLE DEL MUNDO, SANTA CLARA, CA

07/27/2020 | 18020

BARarchitects | ENSEMBLE REAL ESTATE INVESTMENTS | RE THINK

AXONOMETRIC DETAIL

A227

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**METAL PANEL - DARK GREY**
LARSON S-381 CHARCOAL*

**ACCENT METAL PANEL - LIGHT GREY**
LARSON S-32 CADET GREY*

SW 9167
POLISHED CONCRETE

SW 7736
GARDEN SAGE

SW 6118
LEATHER BOUND

SW 7105
PAPERWHITE

**GARAGE SCREEN COLORS**

STOREFRONT RESIDENTIAL UNIT

**LOW-E WINDOWS**

**CORRUGATED METAL**
LARSON S-381 CHARCOAL*

**CEMENT PLASTER - WHITE**
SW 7627 WHITE HERON*

**CONCRETE - CAST IN PLACE WITH FORM LINER**

**PANEL SIDING**
Etic Rovere, or similar

**GARAGE DOOR**

*** COLOR SPECIFICATION IS APPROXINMATE TO SHOW DESIGN INTENT ONLY. COLOR IS SUBJECT TO CHANGE UPON MANUFACTURER SELECTION AND ON-SITE BRUSH OUT VERIFICATION.**

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# TASMAN EAST - THE HILL
SANTA CLARA, CA

2263 CALLE DEL MUNDO, SANTA CLARA, CA

07/27/2020 18020

BARarchitects ENSEMBLE REAL ESTATE INVESTMENTS RETHINK

EXTERIOR MATERIALS

A300

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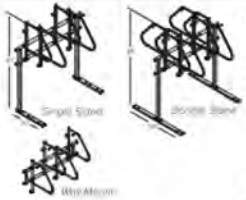
## ULTRA SPACE SAVER
# Submittal Sheet




**CAPACITY**

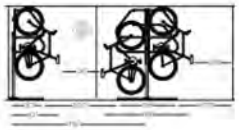
Maximum installation:
1 Bike per arm

**MATERIALS**

Hanger: a 1" diameter tube with 1/2" diameter reinforcing rod at each end.
Upright is 2" square tube.
Feet are A36 (1) x 4 galvanized steel channel.
Crossbeams are 1.25" sched. 40 galvanized pipe (66.0" OC).
Spacers are 2.375" OD plastic tubes with .218" wall thickness.

**FINISHES**

Black powder coat.
Cross bars: hot dipped galvanized.
Hanger rails: rubber coated.
Spacers: plastic.



☐ **Powder Coat (Interior Use)**
Our interior powder coat finish assures a high level of adhesion and durability for indoor use by following three steps:
1. Sandblast
2. Final thick TGIC polyester powder coat

☐ **Powder Coat (Exterior Use)** Additional Cost
Our exterior powder coat finish ensures a high level of adhesion and durability for outdoor or exposed air use by following three steps:
1. Sandblast
2. Epoxy primer and moisture resistant
3. Final thick TGIC polyester powder coat

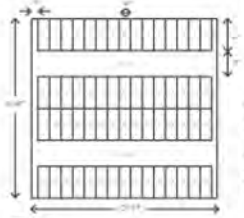
**MOUNT OPTIONS**

☐ **Floor Mount**
Ultra Space Savers have steel tubular feet (3/4" for single sided and 36" for double sided units) which must be anchored to the floor.

☐ **Wall Mount**
A wall mounted bracket which mounts against brackets is also available.

**WHEEL STOPS**

☐ Include spacers in installation



As a general guideline, an space can fit approximately 60 bicycles.

The Ultra Space Saver Square plans one bike every 36" with a typical bike measuring out 40" from the wall.

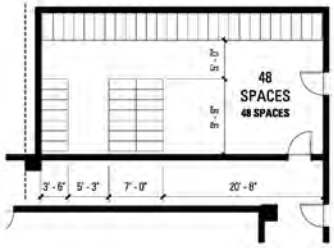
DERO

www.dero.com | 1-888-337-6729

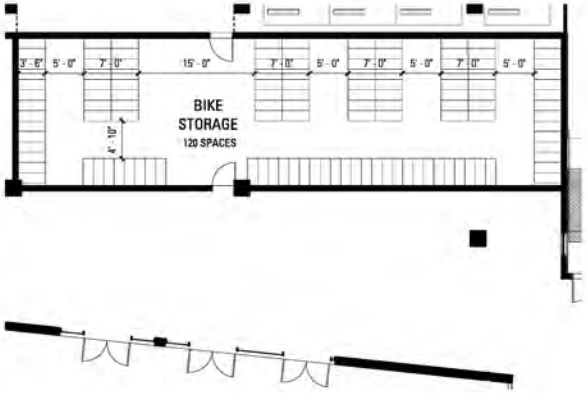
(c) 2020 Dero

SAMPLE RACK, OTHER STYLES OR MANUFACTURERS MAY BE USED

3 A400 **SAMPLE GARAGE DOOR**
1" = 30'-0"




2 A400 **P60 LEVEL 03- BIKE STORAGE**
1/8" = 1'-0"




1 A400 **P60 LEVEL 01 - BIKE STORAGE**
1/8" = 1'-0"

0 10' 20' 40'

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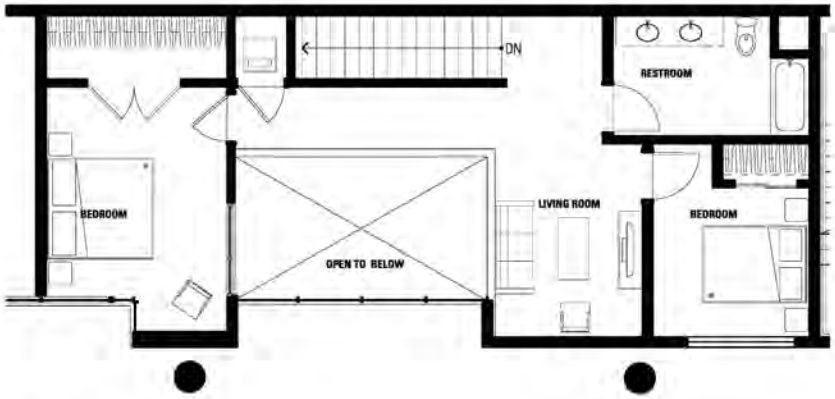
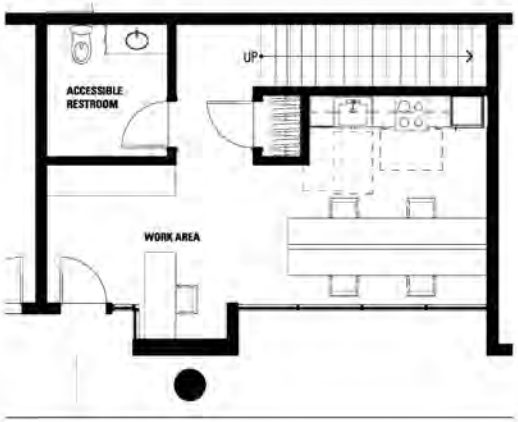
| | | | | | | |
|---|---|---|---|---|---|---|
| **TASMAN EAST - THE HILL**<br>SANTA CLARA, CA | 2263 CALLE DEL MUNDO, SANTA CLARA, CA | | | | | BIKE PARKING |
| | | 07/27/2020 | 18020 | BARarchitects ENSEMBLE REAL ESTATE INVESTMENTS RE THINK | | A400 |




4 A401 **LW2 LEVEL 2**
1/4" = 1'-0"

2 A401 **LW LEVEL 2**
1/4" = 1'-0"




3 A401 **LW2 LEVEL 1**
1/4" = 1'-0"

1 A401 **LW LEVEL 1**
1/4" = 1'-0"

UNIT PLANS ARE FOR REFERENCE ONLY AND DEPICT SIZE AND SCALE OF UNIT. INTERIOR DESIGN AND LAYOUT OF UNIT MAY CHANGE.



7/7/2020 1:26:32 PM E:\G-REVIT\Tasman East_Hill_Davila.rvt

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UNIT PLANS ARE SIMILAR TO ENSEMBLE UNIT PLANS IN OTHER TASMAN EAST PARCELS. THESE UNIT PLANS ARE SHOWN FOR REFERENCE ONLY AND MAY BE REVISED.

4 A402 **A3.1 - 1BA/1BR**
1/4" = 1'-0"

3 A402 **A2.1 - 1BA/1BR**
1/4" = 1'-0"

2 A402 **A1.4 - 1BA/1BR**
1/4" = 1'-0"

1 A402 **A1.1 - 1BA/1BR**
1/4" = 1'-0"

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**TASMAN EAST - THE HILL**
SANTA CLARA, CA

2263 CALLE DEL MUNDO, SANTA CLARA, CA

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UNIT PLANS

A402

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UNIT PLANS ARE SIMILAR TO ENSEMBLE UNIT PLANS IN OTHER TASMAN EAST PARCELS. THESE UNIT PLANS ARE SHOWN FOR REFERENCE ONLY AND MAY BE REVISED.

3 A403 **B1.1 - 2BA/BR**
1/4" = 1'-0"

2 A403 **B2.1 - 2BA/2BR**
1/4" = 1'-0"

5 A403 **M1.2 - STUDIO**
1/4" = 1'-0"

4 A403 **M1.1 - STUDIO**
1/4" = 1'-0"

1 A403 **C3.1 - 1BA/1BR**
1/4" = 1'-0"

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**TASMAN EAST - THE HILL**
SANTA CLARA, CA

2263 CALLE DEL MUNDO, SANTA CLARA, CA

07/27/2020 | 18020

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UNIT PLANS

A403

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## Apt. Service Load - Optional Calculation - MDPC

UNITS MUST HAVE ELECTRIC COOKING AND ELEC SPACE HEATING/COOLING

| | | | |
|---|---|---|---|
| Job Number: | 2255-003 | Run By: AF | Printed : |
| Job Name: | TASMAN EAST PARCEL 19 | | 04/03/19 |
| Location: | SANTA CLARA, CA | | 4:32 PM |

**House Load**

Non-continuous misc. house loads (elevators, vending, etc.) (kVA)

| | | | | |
|---|---|---|---|---|
| | | | elevators | 60 |
| | amenity kitchen | 40 | | |
| | | | Garage exhaust | 150 |
| | | | HVAC COMMON | 160 |
| | misc | 10 | Fire pump | 60 |
| | | | | |
| Largest Motor | enter 25% of largest | 12.5 | | |

(kVA) 493

Continuous House loacs (pool equipment, etc.) (kVA)

| | | | | |
|---|---|---|---|---|
| | EV * 40 | 264 | | |
| | | | Lighting | 75 |
| | | | SIGNAGE | 20 |
| | MISC | 80 | | |

Enter House Lighting above. (if unknown, estimate at 2 VA/ft^2)(220 - 12) House sq. footage 0 0.0 (kVA) 549

Receptacles (total # counted) (220 - 14) 360 first 10 kVA at 100% 37
Receptacles at 180 VA each (220 - 14) (kVA) 64.8 remainder at 50%

Commercial Kitchen Equipment (220 - 56) # of thermostat controlled or intermittent use units 0
load for this equipment (kVA)
demand factor 100% (kVA) 0

HVAC (House) (larger of heat or cool) (220 - 82) enter known > ≥ 0 0

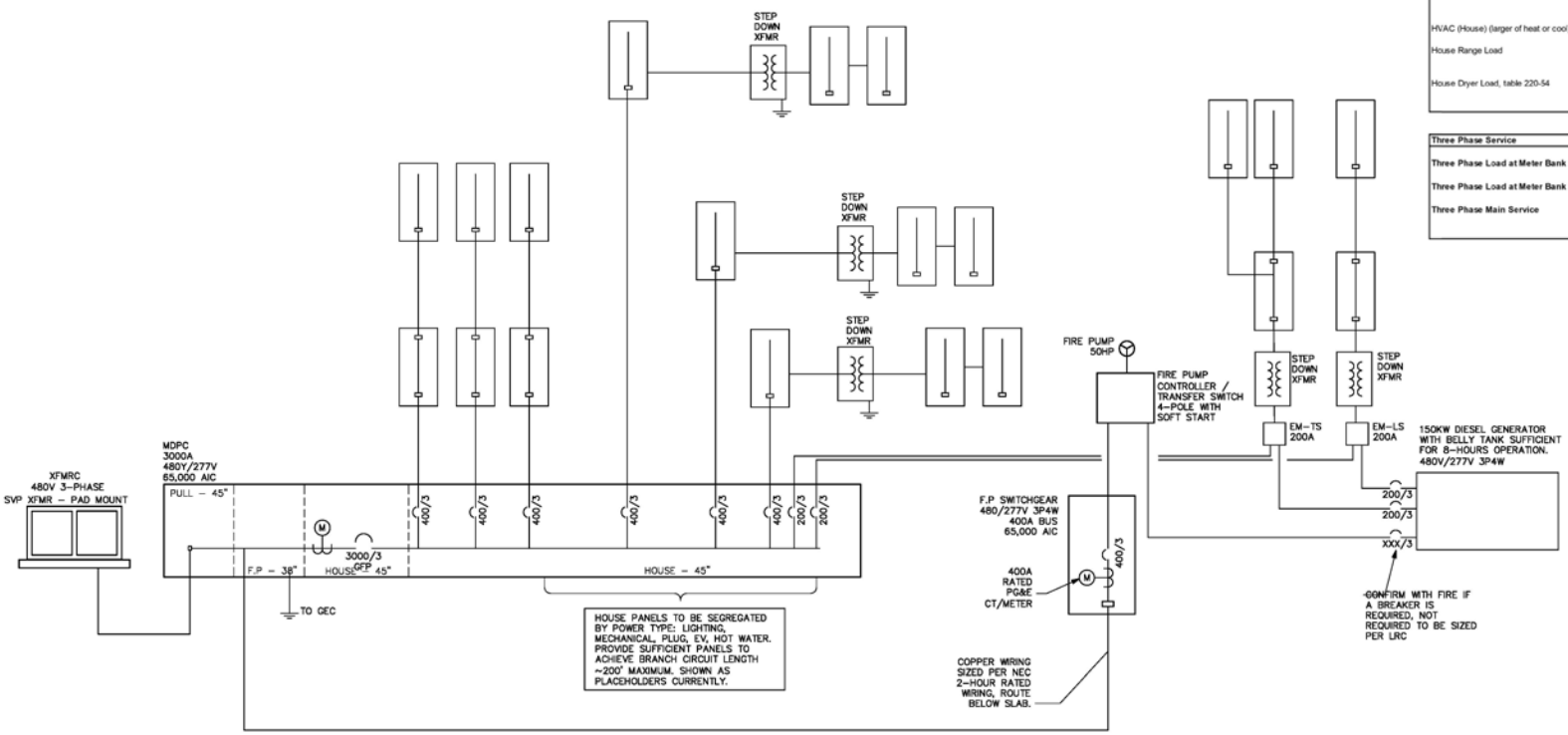
House Range Load Wattage
number of ranges (kVA) 0

House Dryer Load, table 220-54 number of 5 kW House dryers (kVA) 0

House Demand Load Total (kVA) 1079

**Three Phase Service**

| | | | |
|---|---|---|---|
| Three Phase Load at Meter Bank | | Meter Bank Load (kVA) | 735 |
| Three Phase Load at Meter Bank | | Meter Bank Load (A) | 885 |
| Three Phase Main Service | 480/277 - 3 | Total Three Phase Demand Load (kVA) | 1814 |
| | | Service Size (A) | 2183 |




ONELINE DIAGRAM

SCALE: NONE

**TASMAN EAST - PARCEL 60**
SANTA CLARA, CA

CALLE DEL MUNDO, SANTA CLARA, CA

P60 - ONELINE DIAGRAM

EMERALD CITY ENGINEERS, INC | 06/08/2020 | 18020 | BAR architects | ENSEMBLE REAL ESTATE INVESTMENTS | RE THINK Development

E100

AUTOCAD Z:\2255-003 TASMAN EAST PARCELS 19 & 60, SANTA CLARA, CA\PRODUCTION\ONELINE\ONELINE 06-05-2020 10:25

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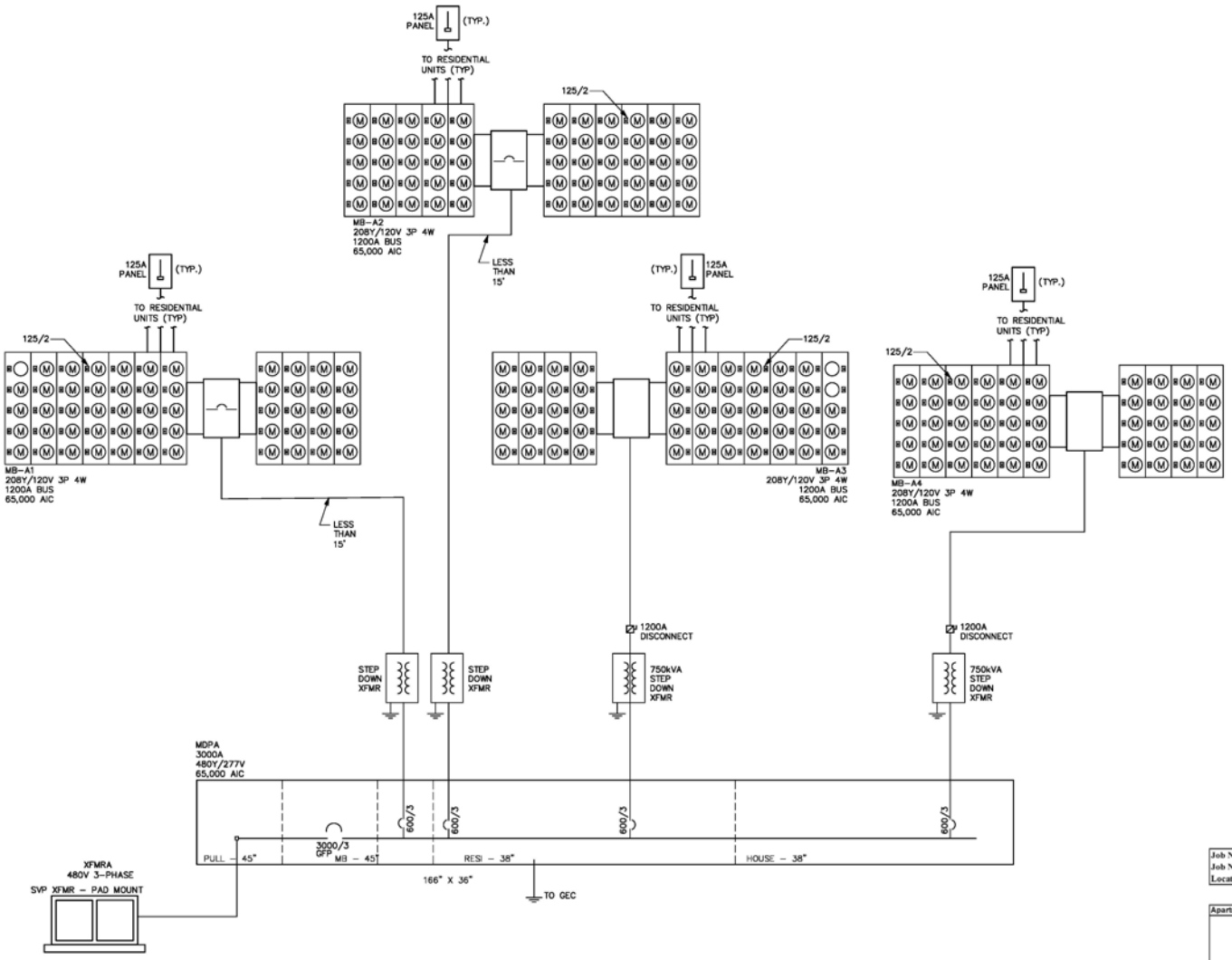


**Apt. Service Load - Optional Calculation - MDPA**

UNITS MUST HAVE ELECTRIC COOKING AND ELEC SPACE HEATING/COOLING

| | | | |
|---|---|---|---|
| Job Number: | 2255-003 | Run By: AF | Printed : |
| Job Name: | TASMAN EAST PARCEL 60/61 | | 04/15/19 |
| Location: | SANTA CLARA, CA | | 9:59 AM |

Apartment Load

| | MICRO | 1-BED | 2-BED | 3-BED | | | | |
|---|---|---|---|---|---|---|---|---|
| enter number of apts. | 48 | 209 | 34 | 14 | | | | |
| total demand load per unit (kVA) | 27.8 | 28.4 | 32.1 | 32.9 | 28.7 | 28.7 | 28.7 | |
| unit demand times # of units | 1333.0 | 5929.3 | 1090.0 | 461.0 | 0.0 | 0.0 | 0.0 | |
| undiversified load (kVA) | 8813.4 | | | | | | | |
| total number of apartments | 305 | | | | | | | |
| demand factor (%) (table 220 - 84) | 23% | | | | | | | |

| | |
|---|---|
| General Demand Load for all apartments (kVA) | 2027 |
| (AMPS @ 480v 3-phase) | 2438 |

# TASMAN EAST - PARCEL 60

SANTA CLARA, CA

CALLE DEL MUNDO, SANTA CLARA, CA

EMERALD CITY ENGINEERS, INC | 06/08/2020 | 18020 | BAR architects | ENSEMBLE REAL ESTATE INVESTMENTS | RE THINK Development

P60 - ONELINE DIAGRAM

E101

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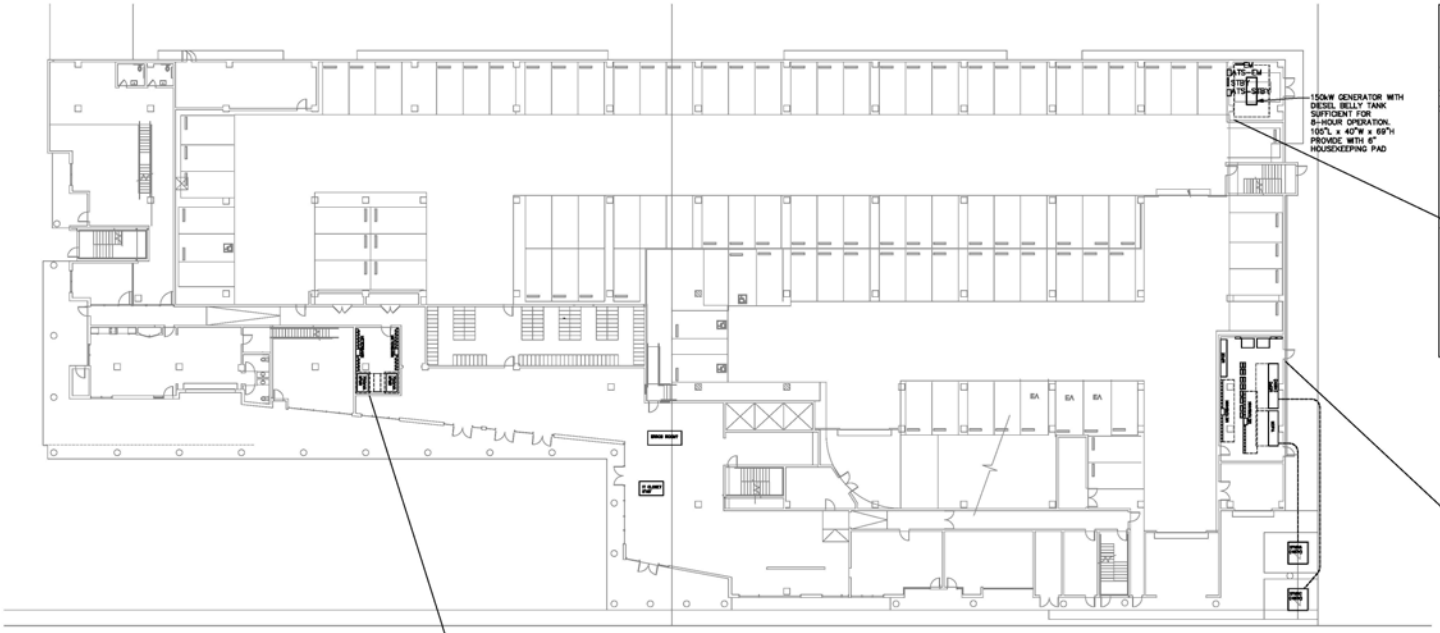
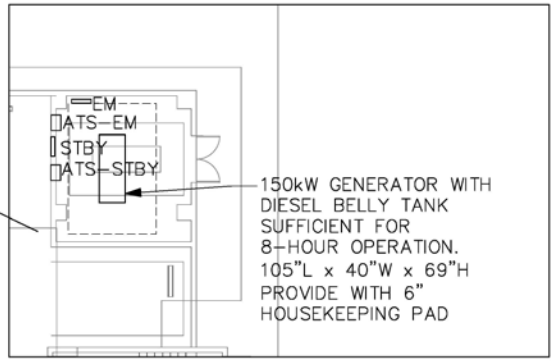
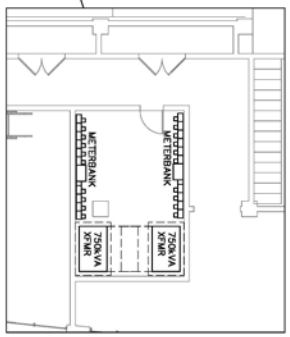



GENERATOR ROOM

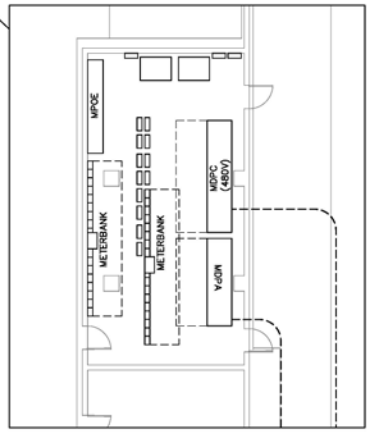
SCALE: 1/8" = 1'-0"




WEST

ELEC ROOM

SCALE: 1/8" = 1'-0"




EAST

ELEC ROOM

SCALE: 1/8" = 1'-0"

**TASMAN EAST - PARCEL 60**

SANTA CLARA, CA

CALLE DEL MUNDO, SANTA CLARA, CA

FLOOR PLAN - P60 - LEVEL 1

EMERALD CITY ENGINEERS, INC | 06/08/2020 | 18020 | BAR architects | ENSEMBLE REAL ESTATE INVESTMENTS | RETHINK Development

**E201**

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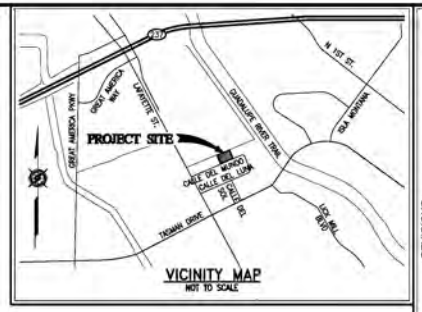
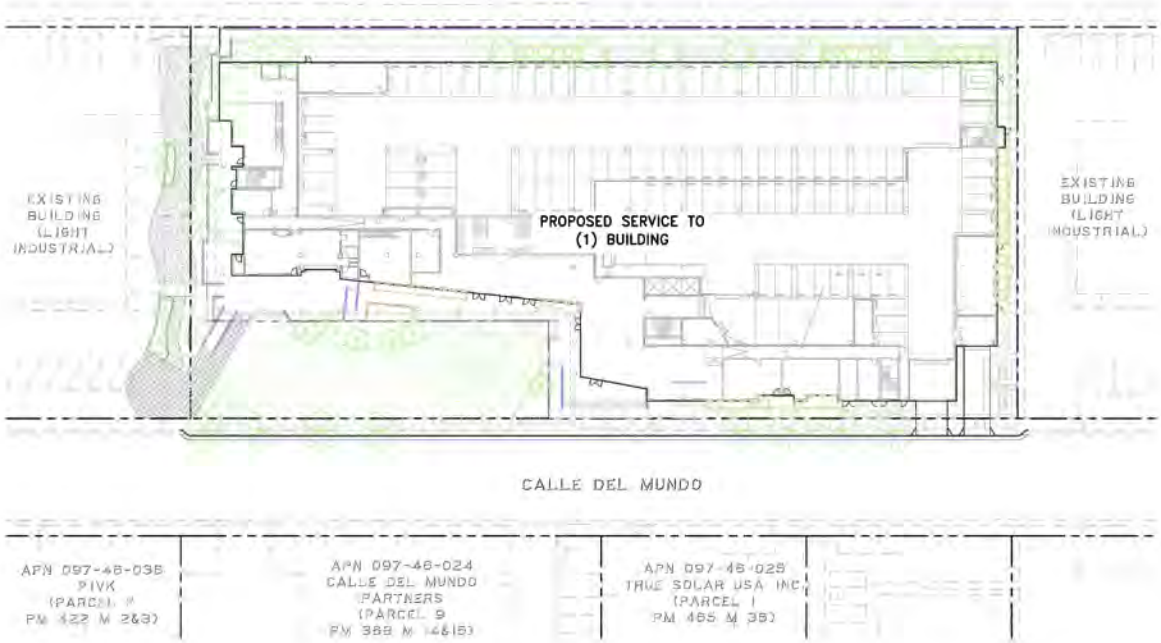
ARCHICAD A V2020-4003 TASMAN EAST PARCELS 60 & 61, SANTA CLARA, CA\2-MEP\E200 LEZING 06-08-2020 11:14

# ENSEMBLE INVESTMENTS, LLC
# ENSEMBLE
# PARCEL 60/61
# SANTA CLARA, CALIFORNIA
# (JOINT TRENCH INTENT - NOT FOR CONSTRUCTION)




VICINITY MAP
NOT TO SCALE



INDEX MAP

| PROJECT TEAM CONTACTS | | |
|---|---|---|
| COMPANY: | CONTACT: | PHONE: |
| ENSEMBLE REAL ESTATE INVESTMENTS | JEWELLE KENNDY | 562-257-1016 |
| BKF | JEREMY MARELLO | 408-467-9100 |
| SILICON VALLEY POWER | | |
| AT&T | JOHN PARANICK | 408-635-8944 |
| CABLECOM | TORYALIE KHALIKI | 408-206-2802 |
| BAR ARCHITECTS | ZACH PROWDA | 213-433-4672 |
| THE GUZZARDO PARTNERSHIP | PAUL LETTIERI / MORGAN BURKE | 415-433-4672 |
| GIACALONE DESIGN SERVICES, INC. | ANDREW CUMMINS | 925-467-1740 |

| PG&E PM NO. |
|---|
| ELECTRIC: |
| RULE 15: |
| RULE 16: |
| RULE 20: |
| RELOC: |
| GAS: |
| RULE 15: |
| RELOC: |

| LATEST FILES RECEIVED | | | |
|---|---|---|---|
| DESCRIPTION: | BY: | DATE: | STATUS: |
| GAS DESIGN | | | |
| ELECTRIC DESIGN | | | |
| TELEPHONE LAYOUT | | | |
| CATV LAYOUT | | | |
| STREET LIGHT PLANS - PUBLIC | | | |
| STREET LIGHT PLANS - PRIVATE | | | |
| IMPROVEMENT PLANS (ELECTRONIC FILE) | BKF | 07-08-20 | |

A=Approved • ANS=Approved Not Signed • NA=Not Approved • F=First Submittal • SS=Second Submittal

PROJECT DESCRIPTION & SCOPE

- NEW SERVICE TO (1) BLDG. OF 313 UNITS AND DEMO COORDINATION
-
-
-
-
-

| SHEET INDEX | |
|---|---|
| SHEET | DESCRIPTION |
| INT1 | JOINT TRENCH INTENT TITLE SHEET |
| INT2 | JOINT TRENCH INTENT |
| INT3-INT4 | JOINT TRENCH INTENT DETAILS |

REVISIONS

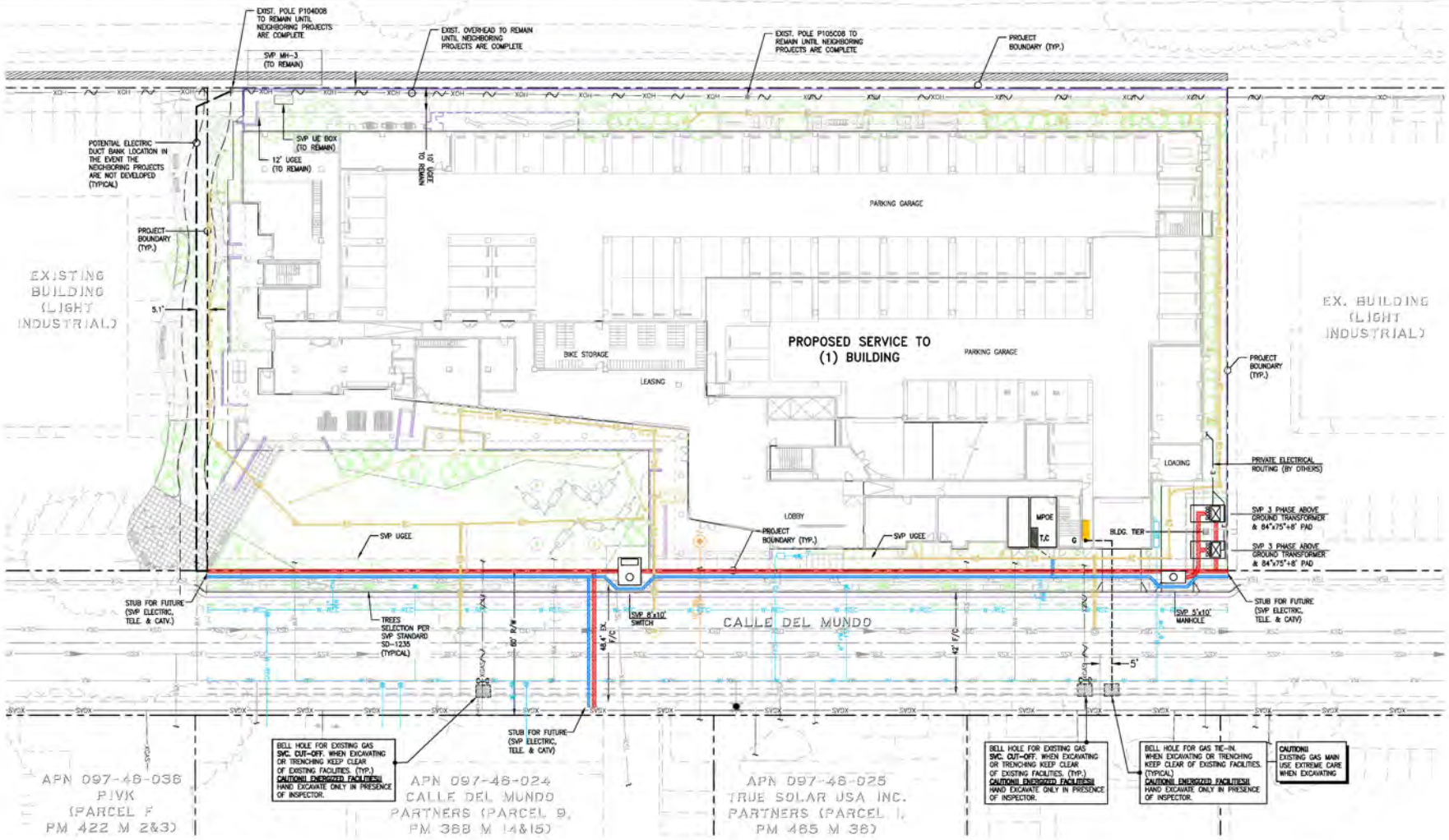
| SYMBOL | DATE | DESCRIPTION | APPROVED |
|---|---|---|---|

GIACALONE DESIGN SERVICES, INC.
5020 STONERIDGE MALL RD., #145 | PLEASANTON, CA 94588
925.467.1740 | WWW.GIACALONEDESIGN.COM

JOINT TRENCH INTENT TITLE SHEET

ENSEMBLE INVESTMENTS, LLC
ENSEMBLE
PROJECT 60/61
SANTA CLARA CALIFORNIA

PROJECT MANAGER: ANDREW CUMMINS
DRAWN BY: JPS
CHECKED BY: D. CROWFOOT P.E.
SCALE: 1"=30'
JOB NUMBER: 19-037
DATE LAST MODIFIED: 07-27-20
SHEET
INT1
OF 4 SHEETS




REVISIONS

| SYMBOL | DATE | DESCRIPTION | APPROVED |
|---|---|---|---|

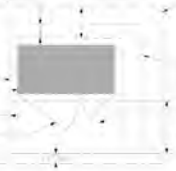
GIACALONE DESIGN SERVICES, INC.
5520 STONERIDGE MALL RD., #145 | PLEASANTON, CA 94588
925.467.1748 | WWW.GIACALONEDESIGN.COM

JOINT TRENCH INTENT
ENSEMBLE INVESTMENTS, LLC
ENSEMBLE
PROJECT 60/61
SANTA CLARA CALIFORNIA

PROJECT MANAGER: ANDREW CUMMINS
DRAWN BY: JPS
CHECKED BY: D. CROWFOOT P.E.
SCALE: 1"=20'
JOB NUMBER: 19-037
DATE LAST MODIFIED: 07-27-20
SHEET INT2 OF 4 SHEETS

## Three Phase Transformer Pads

## Equipment Pad Clearances



NOTES

1. No equipment or other devices shall intrude on space indicated by minimum dimensions.

2. Clear and level work areas are required around pad mounted equipment to allow safe maintenance and operation of the equipment. A 10 foot minimum clearance is required in front of equipment doors and a 5 foot minimum clearance is required on sides without equipment access doors. Landscaping shall not restrict access to the equipment. Concrete work areas may be incorporated with sidewalk, if necessary.

3. Equipment pad shall not be enclosed on all four (4) sides.

4. Minimum dimensions are defined for working and ventilation requirements. Noise abatement requirements may require an increase in the dimensions.

5. See sheets 12 and 13 for barrier post details and placement requirements.

6. Adequate space, 10' minimum width, shall be provided and maintained on one side of the equipment pad to allow an electric line truck to drive up next to the pad for installation and maintenance of the equipment. Landscaping shall not restrict this access area.

7. Special clearances:

[redacted]

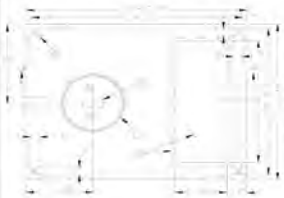
OPEN WINDOWS FOR OCCUPIED AIR INTAKE OR EXHAUST PORTS. ARCHITECTURAL GLASS WALLS

**EQUIPMENT PAD CLEARANCES**

| Rev. | Date | Description | Appr. | Rev. | Date | Description | Appr. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |

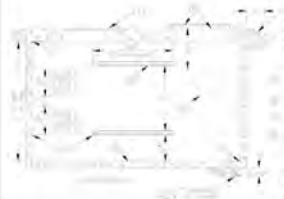
| | | |
|---|---|---|
| By: K. Keating<br>Approved: 2 May, 2014<br>Kevin Keating | Installation of Underground Substructures by Developers | Drawn By: K. Keating<br>SHEET 11 of 38<br>UG 1000 — Rev. 5.1 |

## 8' x 10' Primary Switch Vault – Full Traffic



APPROVED VENDORS:
JENSEN PRECAST
UTILITY VAULT

Concrete mixture additives shall be 2% Calcium Nitrate and 7.5% microsilica by weight of cement.
Box shall meet H20-44 loading and all applicable conditions noted in this standard.
Excavation dimensions to be furnished by vendor.



**8' x 10' PRIMARY SWITCH VAULT – FULL TRAFFIC**

| Rev. | Date | Description | Appr. | Rev. | Date | Description | Appr. |
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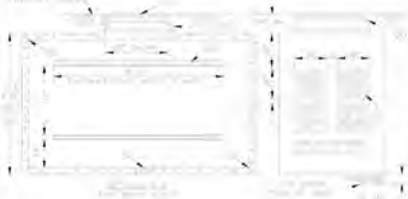
| By: K. Keating<br>Approved: 2 May, 2014<br>Kevin Keating | Installation of Underground Substructures by Developers | Drawn By: K. Keating<br>SHEET 26 of 38<br>UG 1000 — Rev. 5.1 |

## 5' x 10' Primary Manhole – Full Traffic

APPROVED VENDORS:
JENSEN PRECAST
UTILITY VAULT

Concrete mixture additives shall be 2% Calcium Nitrate and 7.5 % microsilica by weight of cement.
Box shall meet H20-44 loading and all applicable conditions noted in this standard.
Excavation dimensions to be furnished by vendor.



**5' x 10' PRIMARY MANHOLE – FULL TRAFFIC**

| Rev. | Date | Description | Appr. | Rev. | Date | Description | Appr. |
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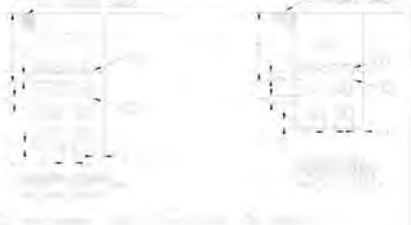
| By: K. Keating<br>Approved: 2 May, 2014<br>Kevin Keating | Installation of Underground Substructures by Developers | Drawn By: K. Keating<br>SHEET 25 of 38<br>UG 1000 — Rev. 5.1 |

## Trench Cross Sections



NOTES:

1. Concrete cap required when ducts are installed in an area that can be planted. Use a 3 sack minimum mix for the concrete.

2. All dimensions shown are minimum required. 30" minimum cover over primary ducts is required. Number and sizes of ducts to be shown on detailed SVP project drawings.

3. Ducts shall be separated, tied together, and supported with 3" non-metallic spacers at 5'-0" intervals. No metallic materials may be used to provide cross support or be placed across duct banks.

4. If additional PRIMARY ducts are required, add them to the bottom of the trench using the same configuration as shown in the adjacent details.

5. Backfill in accordance with City of Santa Clara Engineering Department Specifications. Sand backfill around ducts with 90% minimum compaction. See "Materials" section for sand requirements.

**TRENCH CROSS-SECTIONS**

| Rev. | Date | Description | Appr. | Rev. | Date | Description | Appr. |
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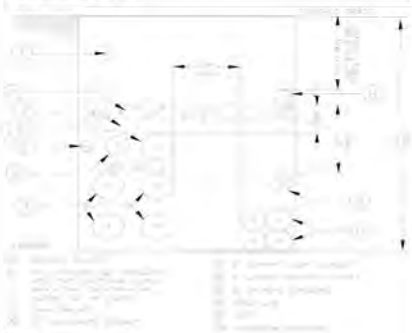
| By: K. Keating<br>Approved: 2 May, 2014<br>Kevin Keating | Installation of Underground Substructures by Developers | Drawn By: K. Keating<br>SHEET 34 of 38<br>UG 1000 — Rev. 5.1 |

## Joint Trench Configuration



NOTES

1. Refer to "Trench Cross-Sections" for typical electric trench sections and minimum duct spacing requirements.

2. Minimum depth and separation requirements between gas, CATV, and telephone conduits to be provided by the respective utilities.

3. Depth and backfill requirements for joint trenches in public right of way shall comply with City of Santa Clara Engineering Department Standard Specifications.

4. Joint trench construction requirements apply when all utility substructures are installed at the same time.

**JOINT TRENCH CONFIGURATION**

| Rev. | Date | Description | Appr. | Rev. | Date | Description | Appr. |
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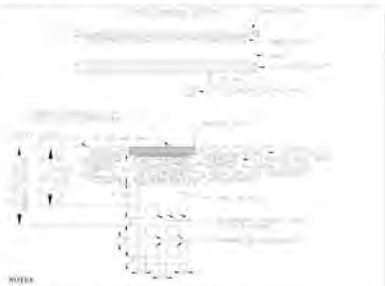
| By: K. Keating<br>Approved: 2 May, 2014<br>Kevin Keating | Installation of Underground Substructures by Developers | Drawn By: K. Keating<br>SHEET 35 of 38<br>UG 1000 — Rev. 5.1 |

## Street Crossing Trench Details



NOTES

1. Backfill and compaction shall comply with City of Santa Clara Engineering Department Standard Specifications.

2. Comments apply to trenches in existing paved areas. City Street Department will make final street repair notes noted otherwise.

3. Thickness of AC paving and base rock in new construction shall conform to requirements of approved street improvement plans.

4. All dimensions shown are minimum required.

5. The 6" trench section for AC shall be cut and removed immediately prior to finish paving operations.

6. Ducts may cross over or under crossing utilities as necessary to maintain a minimum 12" separation from other utility pipes.

7. Maintain a minimum 5' separation from gas drop installed parallel to other utility ducts, except for joint trench installations. Refer to "Joint Trench Configuration" section for joint trench installation details and requirements.

**STREET CROSSING TRENCH DETAILS**

| Rev. | Date | Description | Appr. | Rev. | Date | Description | Appr. |
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| By: K. Keating<br>Approved: 2 May, 2014<br>Kevin Keating | Installation of Underground Substructures by Developers | Drawn By: K. Keating<br>SHEET 36 of 38<br>UG 1000 — Rev. 5.1 |

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# JOINT TRENCH INTENT DETAILS

ENSEMBLE INVESTMENTS, LLC
ENSEMBLE
PROJECT 60/61
SANTA CLARA CALIFORNIA

PROJECT MANAGER: ANDREW CUMMINS
DRAWN BY: JPS
CHECKED BY: D. CROWFOOT P.E.
SCALE: 1"=20'
JOB NUMBER: 19-037
DATE LAST MODIFIED: 07-27-20

SHEET
**INT3**
OF 4 SHEETS

## MINIMUM COVER & CLEARANCE CHART

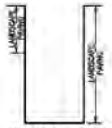
| UTILITY | G | T | C | S | P | MINIMUM COVER |
|---|---|---|---|---|---|---|
| G (GAS) SEE NOTE 3 & 4 | | 12" | 12" | 6" | 12" | 24", 30" IN STREET |
| T (TELEPHONE) | 12" | | 1" | 12" | 12" | 24", 30" IN STREET |
| C (CABLE T.V.) | 12" | 1" | | 12" | 12" | 24", 30" IN STREET |
| S (ELECT. SECONDARY) | 6" | 12" | 12" | 3" | 3" | 24", 30" IN STREET |
| P (ELECT. PRIMARY) | 12" | 12" | 12" | 3" | 3" | 30", 36" IN STREET |

## TRENCH SECTION LEGEND

- MEETS UTILITY TRENCH ALLOTMENT
- EXCEEDS UTILITY TRENCH ALLOTMENT
- (P) PRIMARY
- (S) SECONDARY
- (G) PG&E GAS
- (T) TELEPHONE
- (C) CABLE T.V.
- (F) CITY FIBER OPTIC
- (SL) STREET LIGHTING

XX LF-TOTAL= TOTAL TRENCH LENGTH

XX LF-R&R = REMOVE & REPLACE PAVEMENT ONLY, TRENCH INCLUDED IN TOTAL TRENCH LENGTH

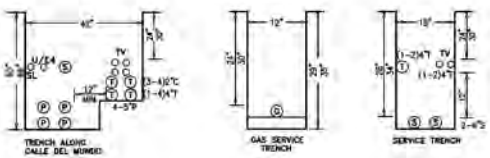



TYPICAL "TRENCH GRADE" DEPTHS REFER TO INDIVIDUAL TRENCH SECTION FOR DETAILED DIMENSION (SEE BELOW)

## GENERAL TRENCH SECTION NOTES

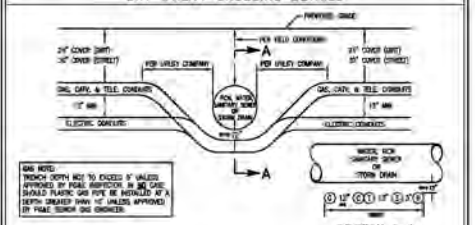
1. TRENCH CONFIGURATIONS SHOWN ARE FOR INSTALLATIONS WHERE EACH OCCUPANT IS UTILIZING HIS ENTIRE SPACE ALLOCATION. OTHER CONFIGURATIONS, OR REDUCED DIMENSIONS, MAY BE USED PROVIDED THAT MINIMUM COVER AND CLEARANCES ARE MAINTAINED.
2. CONTRACTOR TO ADJUST TRENCH DEPTHS AT ALL JOINT TRENCH LATERAL CROSSINGS TO MAINTAIN REQUIRED CLEARANCES BETWEEN ALL PARTICIPATING UTILITIES.
3. TRENCH SECTIONS SHOWN ARE SCHEMATIC AND INDICATE AREAS OF OCCUPANCY ONLY. THEY DO NOT REFLECT THE SIZE OR QUANTITY OF THE FACILITIES BEING INSTALLED AND ARE DESIGNED TO ACCOMMODATE ALL REQUIRED FACILITIES AS SHOWN ON EACH TRENCH PARTICIPANTS' CONSTRUCTION DRAWINGS. REFER TO THE COMPOSITE, CONDUIT, STREETLIGHT PLAN AND/OR EACH RESPECTIVE UTILITY COMPANIES CONSTRUCTION DRAWINGS FOR THE NECESSARY CONDUIT, CABLE AND/OR PIPE BEING INSTALLED.

## TRENCH SECTIONS



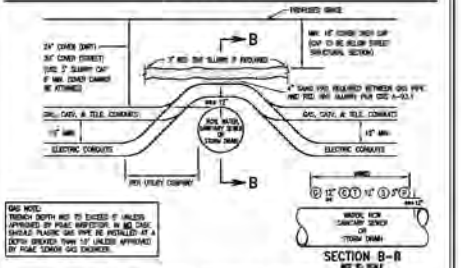

SEE CIVIL SHEET C4.1 FOR TYPICAL STREET SECTION

## DRY UTILITY CROSSING DETAILS



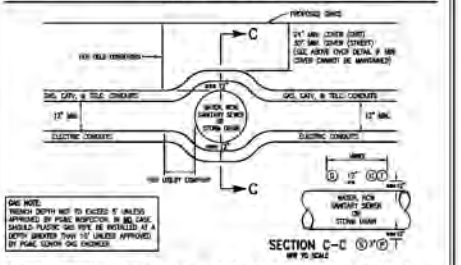

SECTION A-A
NOT TO SCALE

JOINT TRENCH UNDER WATER, RECYCLED WATER, SANITARY SEWER OR STORM DRAIN




SECTION B-B
NOT TO SCALE

JOINT TRENCH OVER WATER, RECYCLED WATER, SANITARY SEWER OR STORM DRAIN




SECTION C-C
NOT TO SCALE

JOINT TRENCH OVER/UNDER WATER, RECYCLED WATER, SANITARY SEWER OR STORM DRAIN (PREFERRED METHOD)

NOTE:

*1. SEE MINIMUM COVER & CLEARANCE CHART.

**2. WITH MUTUAL AGREEMENT, WHEN 4" O.D. OR SMALLER GAS PIPE IS INSTALLED SEPARATION MAY BE REDUCED TO NOT LESS THAN 6" BETWEEN GAS AND COMMUNICATION DUCTS (TELEPHONE & CATV).

***3. 6" MINIMUM REQUIRED BY PG&E–ADDITIONAL CLEARANCE MAYBE REQUIRED BY CITY OF COUNTY; BED THE BOTTOM OF THE TRENCH WITH IMPORTED SAND, INSTALL THE CONDUIT AND/OR GAS PIPE, COVER THE FACILITY WITH THE SAME IMPORTED SAND AND MECHANICALLY COMPACT USING A VIBRATORY TYPE COMPACTOR.***

4. CROSSING METHODS ARE NOT LIMITED TO THE ABOVE DETAILS. OTHER APPROVED CONFIGURATIONS MAY BE USED. CONTRACTOR TO VERIFY METHOD OF CROSSING WITH GOVERNING AGENCY AND/OR UTILITY COMPANIES AS REQUIRED PRIOR TO CONSTRUCTION.

5. JOINT TRENCH CONTRACTOR SHALL NOT ASSUME THAT ANY OF THE METHODS ABOVE WILL BE ACCEPTABLE TO PG&E & THE UTILITIES. J.T. CONTRACTOR IS REQUIRED TO COORDINATE THE LOCAL INSPECTORS PRIOR TO INSTALLING DRY UTILITIES ACROSS WATER, RECYCLED WATER, SANITARY SEWER, STORM DRAIN OR ANY OTHER FACILITY WITH ANY ISSUE RELATING TO COVERS LESS THAN THE MINIMUM OR COVERS REQUIRING SHORING. CONCRETE CAPPING IS ONLY ACCEPTABLE WHERE NO OTHER SOLUTION IS POSSIBLE AND ONLY WHICH CERTAIN CRITERIA ARE MET AND ONLY WITH PG&E APPROVAL.

| REVISION | DATE | DESCRIPTION | APPROVED |
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JOINT TRENCH INTENT DETAILS

ENSEMBLE INVESTMENTS, LLC
ENSEMBLE
PROJECT 60/61

SANTA CLARA CALIFORNIA

PROJECT MANAGER: ANDREW CUMMINS
DRAWN BY: JPS
CHECKED BY: D. CROWFOOT P.E.
SCALE: 1"=20'
JOB NUMBER: 19-037
DATE LAST MODIFIED: 07-27-20
SHEET INT4
OF 4 SHEETS