RESOLUTION NO. 22-9163

A RESOLUTION OF THE CITY OF SANTA CLARA, CALIFORNIA, TO ADOPT THE MITIGATED NEGATIVE DECLARATION AND THE MITIGATION MONITORING AND REPORTING PROGRAM FOR THE CIVIC CENTER FAMILY HOUSING PROJECT LOCATED AT 1601 CIVIC CENTER DRIVE, SANTA CLARA

PLN21-15206 (General Plan Amendment and Rezone)
SCH# 2022060217 (Mitigated Negative Declaration)

BE IT RESOLVED BY THE CITY OF SANTA CLARA AS FOLLOWS:

WHEREAS, on September 2, 2021, Charities Housing ("Owner") filed a development application for the 1.4- acre site located at 1601 Civic Center Drive, currently developed with a 28,950 square foot two-story office building, surface parking lot and landscaping ("Project Site");

WHEREAS, the Owner applied for a General Plan Amendment from Community Commercial to High Density Residential and Rezone of the Project Site from General Office (OG) to Planned Development (PD) to allow a 100 percent affordable housing development consisting of 108 multifamily units in a five-story structure with resident amenities, 82 surface and garage parking spaces, landscaping, and public and private improvements ("Project") as shown on the Development Plans, attached hereto and incorporated herein by this reference;

WHEREAS, the Project approvals will include Resolution No. 22-9164 ("City Council General Plan Amendment "); Resolution No. 22-9165 ("City Council Rezoning Resolution"); and this California Environmental Quality Act ("CEQA") Resolution (collectively, the "Approvals");

WHEREAS, pursuant to the California Environmental Quality Act (CEQA), and the regulations implementing the Act, specifically 14 Cal. Code of Regs § 15070, this Project was determined after an Initial Study to identify potentially significant effects on the environment which could be avoided with the implementation of mitigation measures, resulting in the drafting of a Mitigated Negative Declaration ("MND") and Mitigation Monitoring and Reporting Program ("MMRP");

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WHEREAS, in conformance with CEQA, the MND was noticed and circulated for a 30-day public review period to the State Office of Planning and Research, Santa Clara County Clerk's Office, interested parties, and property owners within 1,000 feet of the Project Site from June 13, 2022 to July 13, 2022, where during that period comment letters were received from the Department of Toxic Substances Control, Valley Water, Santa Clara Valley Transportation Authority and public comments from Jamie Lau, Keyhan Sinai, Jean Song and David Bayto; along with the attached Responses to Comments Received on the MND are made part of the record;

WHEREAS, on November 4, 2022, a newspaper notice for this item was published in *The San Jose Mercury News*, a newspaper of general circulation, for the City Council meeting of November 15, 2022;

WHEREAS, on November 3, 2022, notices of the public meeting for the City Council meeting of November 15, 2022 were posted in three conspicuous locations within 300 feet of the Project Site and mailed to all property owners within 1,000 feet of the Project Site boundaries; and

WHEREAS, on August 3, 2022, the Planning Commission considered the Project, MND, MMRP and all pertinent information in the record including public testimony, at the conclusion of which the Planning Commission voted to recommend that the City Council adopt the MND and MMRP, approve the General Plan Amendment and rezone to allow a 100 percent affordable housing development consisting of 108 multifamily units in a five-story structure with resident amenities, 82 surface and garage parking spaces, landscaping, and public and private improvements; and

WHEREAS, the City Council reviewed the MND prepared for the Project, City staff report pertaining to the MND and all evidence at a duly noticed public hearing on November 15, 2022. All these documents and evidence are herein incorporated by reference into this Resolution.

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NOW THEREFORE, BE IT FURTHER RESOLVED BY THE CITY OF SANTA CLARA AS FOLLOWS:

1. That the City Council hereby finds that the above Recitals are true and correct and by this reference makes them a part hereof.

2. That the City Council hereby finds that all potentially significant environmental impacts that may directly or indirectly result from the Project would be reduced to a less than significant level by the mitigation measures specified in the MND and MMRP.

3. That the City Council hereby finds that the MND is complete, prepared in compliance with CEQA, and represents the independent judgment of the City Council.

4. That the City Council finds that the MND and MMRP completed for this Project has been completed in compliance with CEQA, and that approval of this Project as mitigated will have no significant negative impacts on the area's environmental resources, cumulative or otherwise, as the impacts as mitigated would fall within the environmental thresholds identified by CEQA.

5. That the City Council adopts the MND and MMRP for the Project as required by the CEQA Guidelines (14 Cal. Code of Regs. § 15074).

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6. The City Council hereby designates the Planning Division of the Community Development Department as the location for the documents and other material that constitute the record of proceedings upon which this decision is based and designates the Director of Community Development as the custodian of records.

7. Effective date. This resolution shall become effective immediately.

I HEREBY CERTIFY THE FOREGOING TO BE A TRUE COPY OF A RESOLUTION PASSED AND ADOPTED BY THE CITY OF SANTA CLARA, CALIFORNIA, AT A REGULAR MEETING THEREOF HELD ON THE 15TH DAY OF NOVEMBER, 2022, BY THE FOLLOWING VOTE:

AYES:	COUNCILORS:	Becker, Chahal, Hardy, Jain, Watanabe, and Mayor Gillmor
NOES:	COUNCILORS:	Park
ABSENT:	COUNCILORS:	None
ABSTAINED:	COUNCILORS:	None

ATTEST: _____
NORA PIMENTEL, MMC
ASSISTANT CITY CLERK
CITY OF SANTA CLARA

Attachments Incorporated by Reference:
1. Mitigated Negative Declaration (MND) and Mitigation Monitoring and Reporting Program (MMRP)
2. Response to Comments
3. Civic Center Family Housing – GPA Resubmission 2

Civic Center Family Housing Project

Mitigated Negative Declaration
and
Mitigation Monitoring and Reporting Program

https://www.santaclaraca.gov/Home/Components/BusinessDirectory/BusinessDirectory/451/3649?alpha=C

Draft Initial Study

Civic Center Family Housing Project

File Nos.: PLN2020-14674, PLN2020-14705
and CEQ2020-01080



prepared by

CITY OF SANTA CLARA CALIFORNIA
1852
THE MISSION CITY

In Consultation with
DAVID J. POWERS & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS & PLANNERS

June 2022

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Appendix C: Geotechnical Engineering Report and Web Soil Survey
Appendix D: Phase I Environmental Site Assessment
Appendix E: Noise and Vibration Assessment
Appendix F: Transportation Memorandum
Appendix G: Sanitary Sewer Capacity Assessment

All appendices are hereby incorporated into this document by this reference. 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 Civic Center Drive Family Housing Project 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 five-story multi-family development, which would consist of 108 affordable units and two manager's units. 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:

Debby Fernandez, Associate Planner
1500 Warburton Avenue
Santa Clara, CA 95050
Phone: (408) 615-2457
Email: DFernandez@santaclaraca.gov

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

Civic Center Drive Family Housing Project

2.2 LEAD AGENCY CONTACT

City of Santa Clara
Community Development Department
1500 Warburton Avenue
Santa Clara, CA 95050

Debby Fernandez, Associate Planner
Phone: (408) 615-2457
Email: DFernandez@santaclaraca.gov

2.3 PROJECT APPLICANT

Charities Housing Development Corporation
1400 Parkmoor Avenue, Suite 190
San Jose, CA 95126

2.4 PROJECT LOCATION

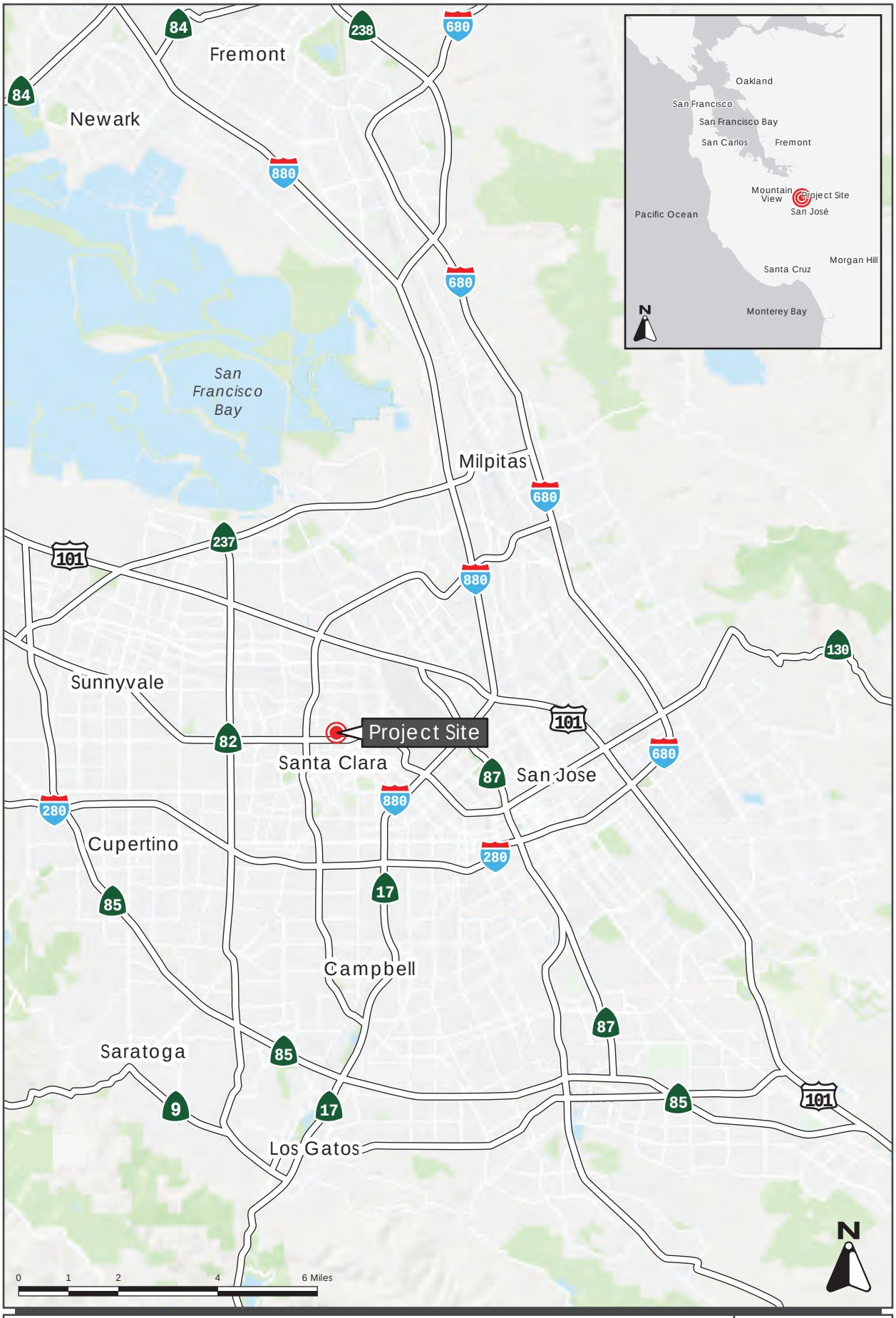
The approximately 1.4-acre project site is located approximately 400 feet north of El Camino Real at the northwest corner of Lincoln Street and Civic Center Drive. The location of the project site is shown on Figure 2.4-1, Regional Map, Figure 2.4-2, Vicinity Map, and Figure 2.4-3, Aerial Photograph and Surrounding Land Uses.

2.5 ASSESSOR'S PARCEL NUMBER

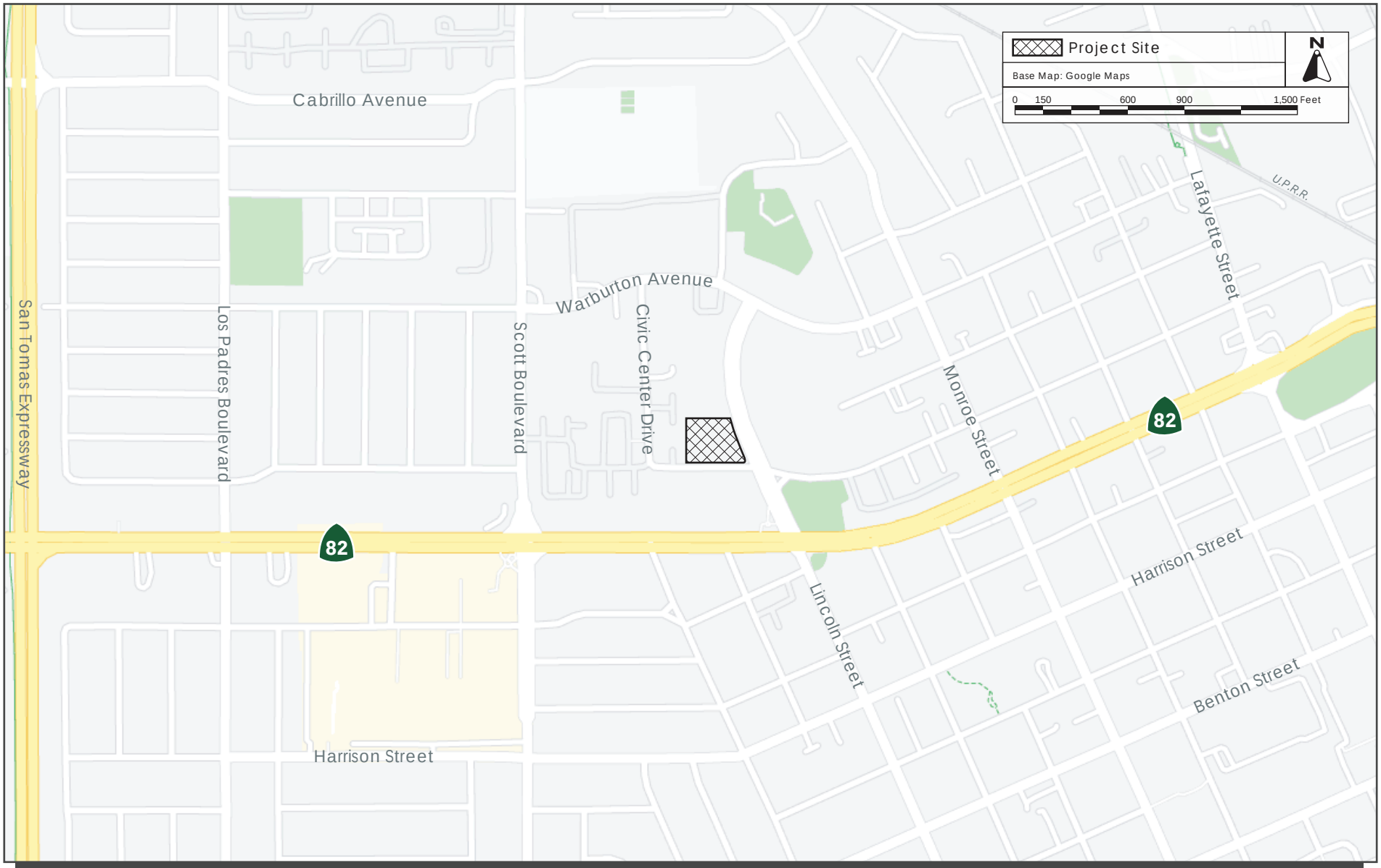
APN 224-49-006

2.6 GENERAL PLAN DESIGNATION AND ZONING DISTRICT

Existing Zoning District:	OG – General Office
Existing General Plan Designation:	Community Commercial
Proposed Zoning District:	PD (Planned Development) for 79 units per acre
Proposed General Plan Designation:	High Density Residential



REGIONAL MAP | FIGURE 2.2-1



VICINITY MAP

FIGURE 2.2-2



AERIAL PHOTOGRAPH AND SURROUNDING LAND USES | FIGURE 2.2-3

2.7 PROJECT-RELATED APPROVALS, AGREEMENTS, AND PERMITS

The project would require the following approvals and permits issued by the City:

- General Plan Amendment
- Planned Development Rezoning
- Design Review
- Building Permit(s)
- Grading Permit(s)

SECTION 3.0 PROJECT DESCRIPTION

3.1 PROJECT OVERVIEW ANDLOCATION

The approximately 1.4-acre site is located at 1601 Civic Center Drive (Assessor's Parcel Number 224-49-006) in the City of Santa Clara (see Figure 3.2-1 through Figure 3.2-3). The project site has a General Plan land use designation of Community Commercial and is zoned OG (General Office). The project site is bounded by Lincoln Street to the east, Civic Center Drive to the south, residences to the west, and a church to the north.

The project site contains an existing vacant two-story office building, a surface parking lot, and 19 trees. The project proposes to demolish the existing office building and redevelop the site with a five-story multi-family development. The project components include the multi-family residences, landscaping, site access, utilities, and on-and off-site improvements. Construction details are described below. A site plan for the proposed project is provided in Figure 3.2-1.

3.2 PROJECT COMPONENTS

3.2.1 Multi-Family Residences

As proposed, the project would remove the existing office building and construct a five-story multi-family development, which would consist of up to 106 affordable units and two managers' units (a total of 108 units). The proposed multi-family residential building would front Lincoln Avenue and would have a north and south wing. The proposed development would include a community room, offices to provide services to tenants, and surface and garage parking on the ground level. Residential units would be located on the first through fifth floors. Floors three through five would have walkways between the two wings of the building. The maximum height of the proposed building would be 60 feet above the ground surface at the top of the roof. The proposed building elevations are shown in Figure 3.2-2.

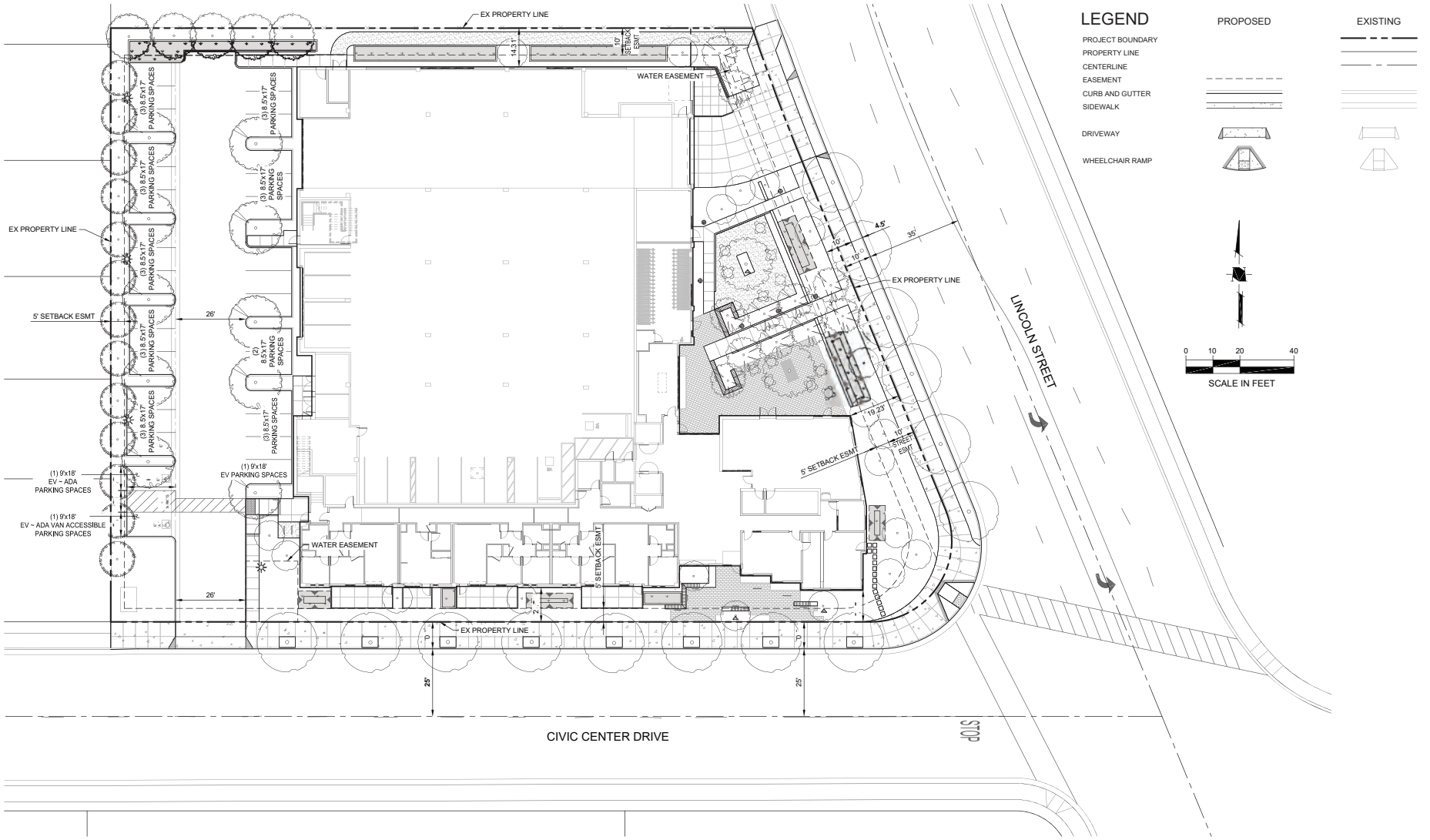
3.2.1.1 *Open Space and Landscaping*

As proposed, the project would remove all 19 existing on-site trees. New landscaping, including 82 new trees, would be planted throughout the site as part of the proposed project. The project would incorporate approximately 17,000 square feet of common open space including a landscaped entry court with trees facing Lincoln Street and a second-level courtyard available for residents. The landscaped entry court would include pedestrian pathways and outdoor seating. The second-level courtyard would include landscaping, a recreational area with synthetic turf, ping pong tables, and a dining court and barbeque area.

The project includes a complete street section with a landscape planter between the street frontages and a new sidewalk.

3.2.1.2 *Site Access and Parking*

The vehicle entry to and exit from the project site would be from two new (proposed) full access 24-foot-wide driveways. One would be on Civic Center Drive, at the southwestern corner of the site and the other would be on Lincoln Avenue, near the northeast corner of the site. The proposed driveway



Source: Mithūn, April 8, 2022.

SITE PLAN

FIGURE 3.2-1



SOUTH ELEVATION



WEST ELEVATION

Source: Mithūn, April 8, 2022.

BUILDING ELEVATIONS

FIGURE 3.2-2

on Civic Center Drive would replace the existing on-site driveway, approximately 175 feet east of the proposed driveway location. The proposed driveway would provide access to the surface parking lot and parking garage. The driveway would serve resident as well as provide emergency vehicle access (EVA) to the site. The existing sidewalk would be replaced and widened from its current width of approximately eight feet along the project frontage on Lincoln Street and approximately five feet along the project frontage on Civic Center Drive to 10 feet along both project frontages on Civic Center Drive and Lincoln Street.

Vehicle parking would be provided on a surface parking lot on the western edge of the project site and within the ground level parking garage. The development would include up to 82 vehicular parking spaces. A bicycle storage room with bicycle racks that can accommodate up to 67 bicycles would also be constructed in the northeast corner of the ground floor and would be accessible by a walkway facing Lincoln Street.

3.2.1.3 *Utility Improvements*

Stormwater runoff from the site would be treated via flow-through bioretention planters and self-treating areas and directed to new 12-inch storm drains which would connect to the City's stormwater system on Civic Center Drive and Lincoln Avenue.

Wastewater from the project site would be directed to six-inch sanitary sewer lines that would connect to the City's sanitary sewer system on Civic Center Drive and Lincoln Avenue. Water would be provided for residential, fire service, and irrigation uses and new water lines would connect to an existing eight-inch water main on Civic Center Drive. The joint trench for Silicon Valley Power (SVP) underground electric facilities would be relocated from below the existing sidewalk to under Civic Center Drive fronting the project site.

3.2.2 General Plan Amendment and Rezoning

The project, as proposed, includes a General Plan Amendment (GPA) and rezoning to allow for the proposed project. The GPA would include a change in the site's General Plan land use designation from Community Commercial to High-Density Residential. The existing Community Commercial designation allows for development of uses such as shopping centers, offices, and neighborhood serving retail with a maximum floor area ratio (FAR) of 0.50. The proposed High-Density Residential General Plan land use designation is intended for development of mid-rise buildings that have a density ranging from 40 to 50 units per acre. Given the proposed project is 100 percent affordable housing, the project would qualify for a State Density Bonus which would translate to a density of up to 129 dwelling units per acre.

The site's existing OG – General Office zoning is intended for office, clinic, instruction facility (distinguished from a school), lodge, mortuary, preschool and restaurant uses. The site would be rezoned from OG - General Office to Planned Development to allow for the proposed residential use.

3.2.2.1 *Green Building Measures*

The project, as proposed, would be built according to the City of Santa Clara Building Code which requires adherence to the Residential Mandatory Measures of the California Green Building Code (CalGreen). The project includes measures that would exceed Title 24 California Energy Code

requirements and would meet the minimum GreenPoint Rated 50 points.[1] GreenPoint Rated 50 points would be met by incorporating a variety of design features including community design and planning, site design, landscape design, building envelope performance, and material selections. The following green building measures would be included in the project:

- Photovoltaic arrays on the roof of the proposed building
- Clean air vehicle parking as well as electric vehicle charging stations to encourage reduction of greenhouse gas (GHG) emissions
- Landscaping, at-grade as well as on the podium level, consisting of large canopy trees that would reduce the heat island effect and the residents' energy use.
- On-site bicycle parking
- Low volatile organic compound (VOC) caulks and adhesives, zero-VOC paints and formaldehyde-free cabinets, doors and trims will be employed

3.2.3 Demolition and Construction

Construction of the proposed project is anticipated to start in September 2023 and is expected to take approximately 18 months to complete. Construction activities associated with the proposed project include site clearing and demolition (e.g., removing existing vegetation and trees and the existing structures on the project site), utility connections (e.g., new lateral connections to the existing water, sewer, and storm drain mains in Civic Center Drive and Lincoln Street), building construction, frontage improvements (e.g., new street trees, new curb, gutter, sidewalk and driveway construction), and landscaping on the site. Approximately 2,105 cubic yards of soil would be exported from the site during construction.

During construction, all staging activities (e.g., equipment and material storage) would occur on the project site. The construction workers would park on the project site and in the project area.

[1] The GreenPoint Rated Checklist is administered by *Build It Green*, a non-profit organization whose mission is to promote healthy, energy- and resource-efficient building practices in California. GreenPoint Rated is a green building rating system which can be used to assess the environmental characteristics of a home (including water efficient fixtures, efficient heating ventilation and air conditioning, low-emitting flooring, and energy-efficient appliances and lighting). If a residential development meets minimum point requirements in each category and scores at least 50 total points, it earns the right to bear the GreenPoint Rated label.

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

Senate Bill 743

Senate Bill (SB) 743 was adopted in 2013 and requires lead agencies to use alternatives to level of service (LOS) for evaluating transportation impacts, specifically vehicle miles traveled (VMT). SB 743 also included changes to CEQA that apply to transit-oriented developments, as related to aesthetics and parking impacts. Under SB 743, a project's aesthetic impacts will no longer be considered significant impacts on the environment if:

- The project is a residential, mixed-use residential, or employment center project, and
- The project is located on an infill site within a transit priority area.[2]

SB 743 also clarifies that local governments retain their ability to regulate a project's aesthetics impacts outside of the CEQA process.

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 within the City of Santa Clara.

In Santa Clara County, the one state-designated scenic highway is State Route (SR) 9 from the Santa Cruz County line to the Los Gatos City Limit. Eligible State Scenic Highways (not officially designated) include SR 17 from the Santa Cruz County line to SR 9, SR 35 from Santa Cruz County line to SR 9, Interstate 280 from the San Mateo County line to SR 17, and the entire length of SR 152 within the County.[3]

[2] An "infill site" is defined as "a lot located within an urban area that has been previously developed, or on a vacant site where at least 75 percent of the perimeter of the site adjoins or is separated only by an improved public right-of-way from, parcels that are developed with qualified urban uses." A "transit priority area" is defined as "an area within 0.5 mile of a major transit stop that is existing or planned, if the planned stop is scheduled to be completed within the planning horizon included in a Transportation Improvement Program adopted pursuant to Section 450.216 or 450.322 of Title 23 of the Code of Federal Regulations." A "major transit stop" means "a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods." Source: Public Resources Code Section 21009. Accessed September 3, 2021. https://codes.findlaw.com/ca/public-resources-code/prc-sect-21099.html.

[3] California Department of Transportation (Caltrans). California Scenic Highways. Accessed December 13, 2021. https://www.arcgis.com/home/item.html?id=f0259b1ad0fe4093a5604c9b838a486a.

Local

Santa Clara General Plan

General Plan policies applicable to aesthetics include, but are not limited to, the following:

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.

Santa Clara City Code

The City Code includes regulations associated with protection of the City's visual character, to promote a sound and attractive community appearance, as stated in Chapter 8.30 Public Nuisances and Chapter 18.52 Regulations for Public, Quasi-Public, and Public Park or Recreation Zoning Districts. The City Code also includes an Architectural Review process, as outlined in Zoning Ordinance Chapter 18.76. The Architectural Review process is intended to:

- 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;
- Enhance the aesthetic appearance, functional relationships, neighborhood compatibility and excellent design quality.

Architectural Policies – Community Design Guidelines

The City's Architectural Review Process considers plans and drawings submitted for architectural review for design, aesthetic considerations, and consistency with zoning standards, prior to submittal for building permits. In reviewing architectural submittals, the Director of Community Development follows the City's Community Design Guidelines. The intent of these guidelines is to encourage the orderly development and harmonious appearance of structures and properties; provide fair and equitable treatment to all applicants; maintain property values throughout the General Plan.

4.1.1.2 *Existing Conditions*

Project Site

The project site is currently occupied by a vacant, two-story office building, a surface parking lot, and 19 trees. The existing office building is rectangular in shape and is characterized by a concrete

exterior, rows of rectangular windows, a tile roof, and second story balconies on all sides except for the west side, adjacent to existing residences. The perimeter of the existing building and surface parking lot are landscaped primarily with hedges, trees, and ivy. Photos 1 and 2 show views of the project site.

Surrounding Vicinity

The project site is surrounded by urban development. Buildings in the project vicinity range from one to three stories. Architectural styles vary from property to property. The one-story church building to the north is made of concrete with a segmented flat roof. The City Hall buildings to the east are Mission-style one-to two-stories with cross-hipped clay tile roofs with cement plaster facades. The City Hall property consists of open lawn areas with trees and a fountain. The properties to the south of the site consist of one- to two-story Mission-style commercial buildings made of concrete masonry with clay-tile hipped roofs[4]. The commercial properties have paved surface parking lots and perimeter landscaping. The residences immediately to the west are one- to- two-stories and made of wood siding and gable-styled roofs. Multi-family residences to the east of Civic Center Drive are two- to three-stories and with stucco cladding and gable roofs with varied architecture. Surrounding properties and streets are generally lined with trees and landscaping. Civic Center Park is also southeast of the project site, across the Civic Center Drive/Lincoln Street intersection. Civic Center Park is characterized by an open lawn area, flower beds, benches, two fountains, walking paths, and trees located throughout. Photos 3 through 6 show views of the site's surrounding properties.

Scenic Views and Resources

A scenic vista is the view of an area that is visually or aesthetically pleasing. No designated scenic vistas or view corridors are located within the City; however, the City of Santa Clara 2010-2035 General Plan Final Environmental Impact Report lists the Santa Cruz Mountains, Diablo Range, San Tomas Aquino Creek, and the Guadalupe River as "visual resources" that can be viewed from areas within the City. Other areas within the City provide views of the community and surrounding natural features, including views of the open space/undeveloped land in the Ulistac Natural Area (approximately two miles northeast of the site). Views of these resources are obstructed at the project site due to existing urban development and landscaping.

There are no state-designated scenic roadways near the project site. The nearest state-designated highway is SR 9/Los Gatos-Saratoga Road, approximately 7.7 miles southwest of the site.[5]

The project site and the surrounding area are relatively flat and, as a result, the site is only visible from the immediate area.

[4] A hipped-roof is a type of roof where all sides slope downwards to the walls.
[5] Caltrans. Caltrans State Scenic Highway System Map. Accessed December 13, 2021. https://caltrans.maps.arcgis.com/apps/webappviewer/index.html?id=465dfd3d807c46cc8e8057116f1aacaa



Photo 1: View of the project site, looking north on Civic Center Drive.



Photo 2: View of the project site, looking southwest on Lincoln Street.

PHOTOS 1 & 2



Photo 3: View of hotel across Civic Center Drive, looking south.



Photo 4: View of City Hall offices, looking east on Civic Center Drive.

PHOTOS 3 & 4



Photo 5: View of commercial building/bank on Civic Center Drive, looking south.



Photo 6: View of residences west of the project site, looking northeast from Civic Center Drive.

PHOTOS 5 & 6

Light and Glare

Sources of light and glare in the project area include streetlights, parking lot lights, security lights, vehicular headlights, internal building lights, and reflective building surfaces and windows.

4.1.2 Impact Discussion

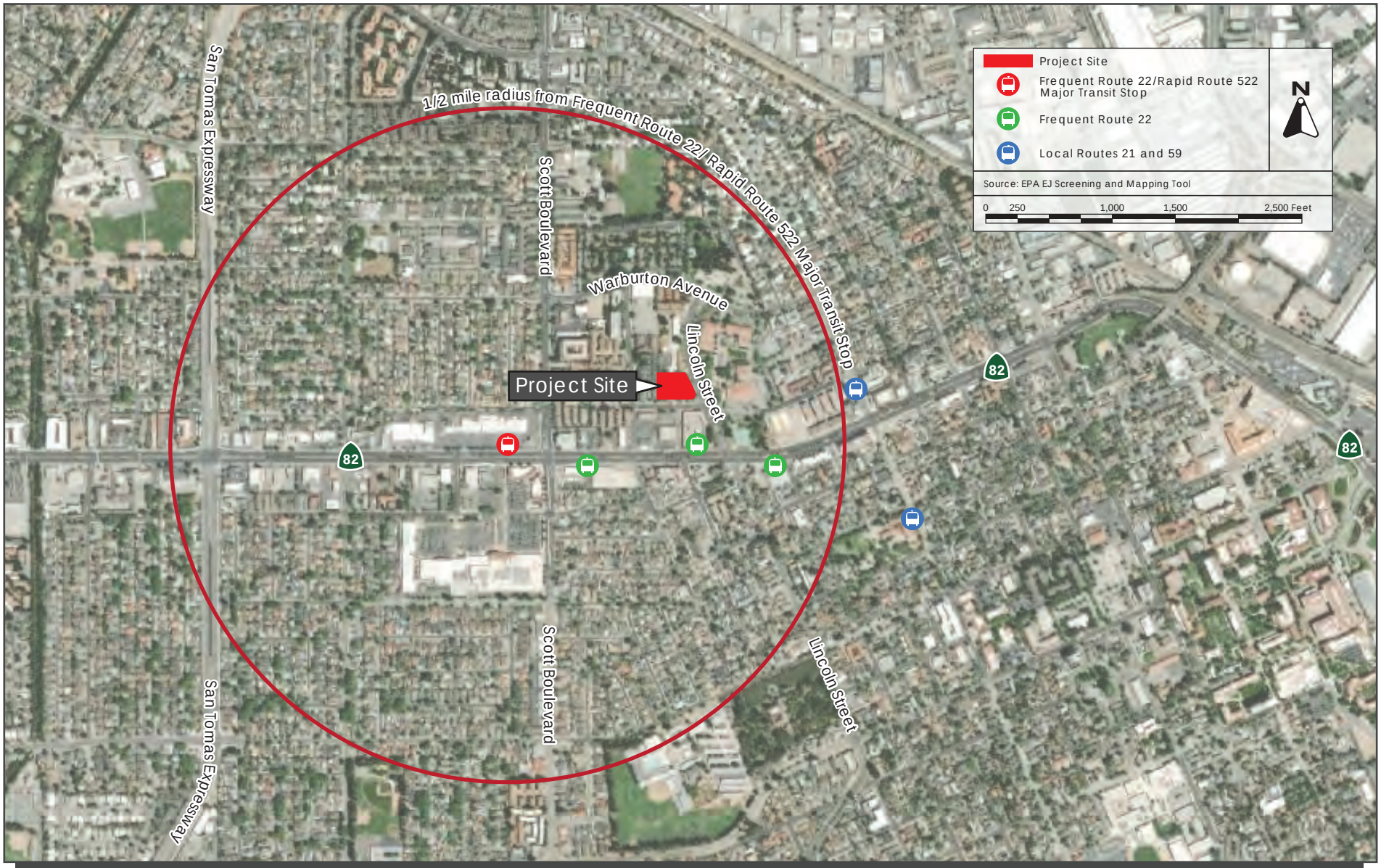
	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Except as provided in Public Resources Code Section 21099, would the project:				
1) Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒
2) Substantially damage scenic resources, 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? [6] 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?	☐	☐	☒	☐

Note: Certain projects within transit priority areas need not evaluate aesthetics (Public Resources Code Section 21099).

The project site is located within a transit priority area designated by the Metropolitan Transportation Commission (MTC) and the Association of Bay Area Governments (refer to Figure 4.1-1).[7] The proposed project would be an infill development since the site is under-utilized and surrounded by urban development.

Pursuant to SB 743, Public Resources Code Section 21099 (d)(1) states (d)(1) aesthetic impacts of a residential, mixed-use residential, or employment center project on an infill site within a transit priority area shall not be considered significant impacts on the environment. Given the project would be a residential development on an infill site and is located within a transit priority area, the project would not result in significant aesthetic impacts. The following discussion is provided for informational purposes only. **(Less than Significant Impact)**

[6] Public views are those that are experienced from publicly accessible vantage points.
[7] Metropolitan Transportation Commission. *Transit Priority Areas (2017).* Accessed December 20, 2021. https://www.arcgis.com/home/item.html?id=370de9dc4d65402d992a769bf6ac8ef5.



TRANSIT PRIORITY AREA

FIGURE 4.1-1

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 identified as 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.[8]

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.[9]

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.[10] 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.[11]

4.2.1.2 *Existing Conditions*

The project site is classified as Urban and Built-Up Land on the California Department of Conservation Farmland Mapping and Monitoring Program. The project site is developed with a vacant office building, a surface parking lot, and landscaping. The project site is zoned as OG –

[8] California Department of Conservation. "Farmland Mapping and Monitoring Program." Accessed November 10, 2021. http://www.conservation.ca.gov/dlrp/fmmp/Pages/Index.aspx.
[9] California Department of Conservation. "Williamson Act." http://www.conservation.ca.gov/dlrp/lca.
[10] 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)).
[11] California Department of Forestry and Fire Protection. "Fire and Resource Assessment Program." Accessed November 10, 2021. http://frap.fire.ca.gov/.

General Office does not contain agricultural resources or timberland resources and is not under an existing Williamson Act contract.[12]

4.2.2 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?	☐	☐	☐	☒

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)**

The project site is not listed as agricultural land of any type and is not identified as farmland. The site is fully developed, and the proposed project would not convert any agricultural land to a non-agricultural use. Therefore, the proposed project would have no impact on 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. **(No Impact)**

[12] County of Santa Clara. Williamson Act Properties Geodatabase. Accessed November 11, 2021. https://sccplanning.maps.arcgis.com/apps/webappviewer/index.html?id=1f39e32b4c0644b0915354c3e59778ce

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 currently zoned OG – General Office and proposes to be rezoned to Planned Development. The existing zoning does not include agricultural use and the project site is not under a Williamson Act contract. Therefore, the proposed project would not conflict with an existing agricultural use or 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 is zoned OG – General Office and would be rezoned to Planned Development. The existing zoning does not include forestland, timberland, or timberland zoned Timberland Production. Therefore, the proposed project would not conflict with land zoned for timberland or forestland.

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 does not contain forestland and is not listed as forest land of any type. The site is fully developed, and the proposed project would not convert this area to a non-forest use. Therefore, the proposed project would have no impact on forest land and would not result in the loss of this resource. **(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. **(Less than Significant Impact with Mitigation Incorporated)**

The project site is in a fully urbanized area with no agricultural areas nearby. The proposed project would not result in the conversion of agricultural or forest land surrounding the project to non-agricultural or non- forest uses. Therefore, the project would have no impact on surrounding agricultural or forest resources. **(No Impact)**

4.3 AIR QUALITY

The following discussion is based, in part, on an Air Quality and Greenhouse Gas Assessment prepared for the project by Illingworth & Rodkin, Inc., dated May 2022[13]. A copy of this report is included in Appendix A of this Initial Study.

4.3.1 Environmental Setting

4.3.1.1 *Background Information*

Criteria Pollutants

Air quality in the Bay Area is assessed based on six 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.[14] Criteria pollutants are regulated because they result in health effects. An overview of the sources of criteria pollutants and their associated health effects are summarized in Table 4.3-1. The most commonly regulated criteria pollutants are discussed below.

Table 4.3-1: Health Effects of Air Pollutants

Pollutants	Sources	Primary Effects
Ozone (O_3)	Atmospheric reaction of organic gases with nitrogen oxides in sunlight	• Aggravation of respiratory and cardiovascular diseases • Irritation of eyes • Cardiopulmonary function impairment
Nitrogen Dioxide (NO_2)	Motor vehicle exhaust, high temperature stationary combustion, atmospheric reactions	• Aggravation of respiratory illness • 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 • Aggravation of respiratory and cardiorespiratory diseases • Increased cough and chest discomfort • 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 • Chronic eye, lung, or skin irritation • Neurological and reproductive disorders

[13] The project description and land uses assessed in the air quality analysis are based on an older design of the project. The current project design includes fewer residential units, more parking spaces, and an increase in total square footage of approximately 4,000 square feet. These changes would have a negligible impact on the emission and risk analysis. The impact findings in the air quality analysis would be unaffected by the changes in the project design.

[14] 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.

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 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

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).[15] 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

[15] California Air Resources Board. "Overview: Diesel Exhaust and Health." Accessed December 9, 2021. https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health.

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.

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 and Local

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.[16]

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.

[16] BAAQMD. *Final 2017 Clean Air Plan.* April 19, 2017. Accessed December 22, 2021. http://www.baaqmd.gov/plans-and-climate/air-quality-plans/current-plans.

The guidelines include information on legal requirements, BAAQMD rules, methods of analyzing impacts, and recommended mitigation measures.

City of Santa Clara General Plan

The City of Santa Clara 2010-2035 General Plan includes goals, policies, and actions to reduce air pollutants and exposure to TACs. The following goals, policies, and actions are applicable to the proposed project:

Policies	Description
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-P6	Require "Best Management Practices" for construction dust abatement.
5.10.5-P34	Implement minimum setbacks of 500 feet from roadways with average daily trips of 100,000 or more and 100 feet from railroad tracks for new residential or other uses with sensitive receptors, unless a project-specific study identifies measures, such as site design, tiered landscaping, air filtration systems, and window design, to reduce exposure, demonstrating that the potential risks can be reduced to acceptable levels.

4.3.1.3 *Existing Conditions*

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 five miles southeast of the site. Pollutant monitoring results for the years 2017 to 2019 (the most current data available) 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**		
		2017	**2018**	**2019**
San José Station				
Ozone (O_3)	State 1-hour	6	2	6
	Federal 8-hour	6	3	9
Carbon Monoxide (CO)	Federal 8-hour	0	0	0
	State 8-hour	0	0	0
Nitrogen Dioxide (NO_2)	State 1-hour	1	0	0
	Federal 1-hour	0	0	0
Fine Particulate Matter (PM_{10})	Federal 24-hour	0	1	0
	State 24-hour	6	6	5
Coarse Particulate Matter ($PM_{2.5}$)	Federal 24-hour	18	18	1
Source: BAAQMD. Air Pollution Summaries (2017-2019). 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.

Local Community Risks/Toxic Air Contaminants

The project area includes both mobile and TAC sources. The primary mobile TAC sources within 1,000 feet of the site include emissions from vehicles travelling along El Camino Real to the south, and Scott Boulevard to the west. BAAMQD-permitted stationary TAC sources within 1,000 feet are, International Auto Center, City Hall generators, and an ARCO gas facility (see a further description of these sources in Section 4.21, Mandatory Findings of Significance.[17]

Sensitive Receptors

The closest sensitive receptors to the project site are in the single-family residences adjacent to the project's western boundary. There are additional residences to the northwest, southwest, east, and south within 1,000 feet of the project site.

Odors

Common sources of odors and odor complaints include wastewater treatment plants, transfer stations,

[17] BAAQMD also lists Underwriters Laboratories as a permitted stationary TAC source within 1,000 feet of the project site. This facility, however, no longer exists and has been replaced by housing.

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 a residential, commercial, and public/quasi-public 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?	☐	☐	☒	☐

Note: Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the determinations.

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.

Table 4.3-3: BAAQMD Air Quality Significance Thresholds			
Pollutant	**Construction Thresholds**	**Operation Thresholds**	
	Average Daily Emissions (pounds/day)	**Average Daily Emissions (pounds/day)**	**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 µg/m^3	0.8 µg/m^3 (average)	

Friant Ranch Case

In a 2018 decision (*Sierra Club v. County of Fresno*), 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 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 air pollutants, it is assumed not to have an adverse health effect with respect to those pollutants.

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 CAP 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 mitigation/avoidance 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 the California Green Building Standards Code,
- Planting new trees in accordance with General Plan Policy 5.3.1-P10 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.

The project as proposed would not disrupt or hinder the implementation of applicable control measures.

Regional Criteria Pollutants

As discussed previously in Section 4.3.1.3*,* 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 the California Clean Air Act. The area is also considered to be in non-attainment for PM_{10} under the California Clean Air Act. 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.

Construction Period Emissions – Criteria Pollutants

The California Emissions Estimator Model (CalEEMod) was used to estimate annual emissions for on-site and off-site construction activities. On-site activities are primarily made up of construction equipment emissions, while off-site activity includes worker, hauling, and vendor traffic. The CARB Emission Factors 2021 (EMFAC2021) model was also used to predict emissions from construction traffic that includes worker and truck trips. The proposed project would have a construction duration of approximately 18 months, and it is anticipated that construction would begin in September 2023 at the earliest. The project land use types and size, including 110 mid-rise apartment units, 43 enclosed

parking spaces and 29 surface parking spaces,[18] and anticipated construction schedule, were input to CalEEMod. Table 4.3-4 below shows the average daily construction emissions of ROG, NO_X, PM_{10} exhaust, and $PM_{2.5}$ exhaust during construction of the project.

Table 4.3-4: Construction Period Emissions				
Year	**ROG**	**NO_X**	**PM_{10} Exhaust**	**$PM_{2.5}$ Exhaust**
Construction Emissions Per Year (Tons)				
2023	0.06	0.58	0.03	0.02
2024 and 2025	0.91	1.02	0.05	0.04
Average Daily Construction Emissions Per Year (pounds/day)				
2023 (87 construction workdays)	1.42	13.35	0.60	0.53
2024 and 2025 (289 construction workdays)	6.29	7.06	0.33	0.29
BAAQMD Thresholds (pounds per day)	54 lbs./day	54 lbs./day	82 lbs./day	54 lbs./day
Exceed Threshold?	No	No	No	No

As shown in Table 4.3-4 above, construction emissions for the proposed project would not exceed BAAQMD thresholds. However, construction activities, particularly during site preparation and grading, would temporarily generate fugitive dust in the form of PM_{10} and $PM_{2.5}$. Sources of fugitive dust would include disturbed soils at the construction site and trucks carrying uncovered loads of soils. Unless properly controlled, vehicles leaving the site would deposit mud on local streets, which could be an additional source of airborne dust after it dries.

General Plan Policy 5.10.2-P6 requires that "Best Management Practices" be implemented for construction dust abatement. Implementation of the BAAQMD best management practices (BMPs) listed below, would reduce fugitive dust emissions generated by project construction.

Conditions of Approval: The following measures shall be implemented during all phases of construction to control dust and exhaust at the project site:

- 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).

[18] The Air Quality analysis was based on the original project proposal of 110 apartment units, 43 enclosed parking spaces, and 29 surface parking spaces. The project has since been revised to reduce the number of apartments to 108. The parking count has increase to 82 and the overall size of the building has increased by approximately 4,000 square feet. The reduction of two units and the increase of 10 parking spaces and additional square footage does not alter the conclusions of the Air Quality report.

- 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 five minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of the 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 of the on-site project superintendent to contact 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.

The project, with the implementation of the above BMPs, would ensure that fugitive dust emissions remain at a less than significant level by controlling dust and exhaust, limiting exposed soil surfaces, and reducing PM_{10} and $PM_{2.5}$ exhaust emissions from construction equipment. The project would, therefore, not result in a significant criteria air pollutant impact from construction emissions**. (Less Than Significant Impact)**

Operational Period Emissions

Operational air emissions from the project would be generated primarily from autos driven by future residents. Evaporative emissions from architectural coatings and maintenance products (classified as consumer products) are typical emissions from these types of uses. CalEEMod was used to estimate emissions from operation of the proposed project assuming full build-out. The earliest year of full operation would be 2026 given construction would start in September 2023. Emissions associated with build-out later than 2026 would be lower due to new emission control technology requirements being phased-in over time. Table 4.3-5 summarizes the calculated project operational emissions.

Table 4.3-5: Operational Period Emissions

Scenario	ROG	NO_X	PM_{10}	$PM_{2.5}$
2026 Project Operational Emissions (tons/year)	0.85	0.22	0.44	0.12
BAAQMD Thresholds (tons/year)	10 tons	10 tons	15 tons	10 tons
Exceed Thresholds?	No	No	No	No
2026 Project Operational Emissions (lbs./day)[1]	4.65	1.22	2.43	0.64
BAAQMD Thresholds (lbs./day)	54 lbs.	54 lbs.	82 lbs.	54 lbs.
Exceed Thresholds?	No	No	No	No

[1]Assumes 365-day operation

As shown in Table 4.3-5, above, the operational period emissions would not exceed the BAAQMD significance thresholds. Therefore, the project would not result in a significant operational criteria pollutants impact. **(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)**

As discussed under Impact AIR-1, the proposed project's construction and operational criteria pollutant emissions would not exceed the BAAQMD significance thresholds. Therefore, the project would not result in a cumulatively considerable net increase of criteria pollutants for which the region is in non-attainment. **(Less than Significant Impact)**

Impact AIR-3:	**As mitigated, the project would not expose sensitive receptors to substantial pollutant concentrations. (Less than Significant Impact with Mitigation Incorporated)**

The project would introduce new sources of TACs during construction (i.e. on-site construction and truck hauling emissions) and operation (i.e. mobile sources). Project impacts to sensitive receptors were addressed for temporary construction activities and long-term operational conditions. There are also several sources of existing TACs and localized air pollutants in the project vicinity. The impacts of the existing sources of TACs were also assessed as part of a cumulative risk in addition to the project's impacts (refer to Section 4.21, Mandatory Findings). As discussed in Section 4.3.-1, sensitive receptors within 1,000 feet of the site include existing adjacent residences to the west of the site and other existing residences to the northwest, southwest, east, and south of the project site.

Operational Community Risk Impacts

Stationary equipment that could emit substantial TACs (e.g., emergency generators) are not proposed for this project. Operation of the project would have long-term emissions from mobile sources (i.e., vehicle traffic). Per BAAQMD recommended risks and methodology, a road with less than 10,000 total vehicles per day is considered a low-impact source of TACs.[19] This project would generate approximately 489 net daily vehicle trips dispersed on the roadway system with a majority of the trips being from light-duty vehicles (i.e., passenger automobiles). This is well below the low-impact threshold of 10,000 daily vehicles.[20] Therefore, emissions from project traffic would be negligible and were not further evaluated. **(Less than Significant Impact)**

[19] Bay Area Air Quality Management District, 2012, Recommended Methods for Screening and Modeling Local Risks and Hazards, Version 3.0. May. Web: https://www.baaqmd.gov/~/media/files/planning-andresearch/ceqa/risk-modeling-approach-may-2012.pdf?la=en

[20] The Air Quality/GHG Assessment assumed the project would generate 586 net daily trips. Therefore, the air quality analysis provides a conservative analysis of daily trips generated by the project.

Construction Community Risk Impacts

Community risk impacts were addressed by predicting increased cancer risk, the increase in annual $PM_{2.5}$ concentrations and computing the Hazard Index (HI) for non-cancer health risks. Construction equipment and associated heavy-duty truck traffic generates diesel exhaust, which is a known TAC. CalEEMod and EMFAC2021 were used to calculate the estimated construction emissions and dispersion modeling was used to predict how the construction TACs would affect the various sensitive receptor locations. The maximally exposed individual (MEI) for total $PM_{2.5}$ concentration was determined to be located on the first floor of the single-family residence adjacent to the west of the project site and the MEI for cancer risk was determined to be located on the first floor of the single-family residence adjacent to the north of the $PM_{2.5}$ concentration MEI (see Table 4.3-6). Impacts at other sensitive receptor locations in the project vicinity would be less than those at the MEI locations. While it is expected that a range of infant through adult exposures would occur at all residences, infant exposure was assumed in the modeling to provide a conservative analysis. Table 4.3-6 summarizes the project construction community risk impacts at the off-site MEI.

Table 4.3-6: Construction Community Risk Impacts at the Off-Site MEIs

Source		Cancer Risk[1] (per million)	Annual $PM_{2.5}$[1] ($\mu g/m^3$)	Hazard Index
Project Construction	Unmitigated	**23.70 (infant)**	0.36	0.02
BAAQMD Single-Source Threshold		**10**	**0.3**	**1.0**
Exceed Threshold?	Unmitigated	**Yes**	**Yes**	No

Notes: [1]Maximum cancer risk and $PM_{2.5}$ concentration occur at different MEIs (see Figure 4.3-1).
[2]Construction equipment with Tier 4 engines and BMPs as mitigation measures (see MM AIR 1.1)

As shown in Table 4.3-6, project construction would exceed the BAAQMD single-source threshold for cancer risk and annual $PM_{2.5}$ emissions. This would be a significant impact.

Mitigation Measures: The project shall be required to implement the following mitigation measures to reduce project construction community health risk impacts to a less than significant level.

MM AIR-1.1: All construction equipment larger than 25 horsepower used at the site for more than two continuous days or 20 hours total shall meet U.S. EPA Tier 4 emission standards for particulate matter (PM) (PM_{10} and $PM_{2.5}$). If use of Tier 4 equipment is not available, alternatively use equipment that meets U.S. EPA emission standards for Tier 2 or 3 engines and include particulate matter emissions control equivalent to California Air Resources Board (CARB) Level 3 verifiable diesel emission control devices that altogether achieve a 60 percent reduction in particulate matter exhaust in comparison to uncontrolled equipment; alternatively (or in combination), use of electrical or non-diesel fueled equipment.



Source: Illingworth & Rodkin, Inc., November 30, 2021.

LOCATIONS OF EXISTING SENSITIVE RECEPTORS AND MEIS | FIGURE 4.3-1

With implementation of mitigation measure MM AIR-1.1, the project's cancer risk levels and annual $PM_{2.5}$ concentrations would be reduced to 5.99 per million and 0.15 $\mu g/m^3$, respectively. The HI would be reduced to below 0.01. As a result, the project's construction risks would be reduced below the BAAQMD single-source thresholds and would have a less than significant impact with mitigation. **(Less than Significant Impact with Mitigation Incorporated)**

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 from construction equipment and truck activity during project construction The odor of these emissions may be noticeable from time to time by adjacent receptors; however, the odors would be temporary and are not likely to affect people off-site. As is typical of residential land uses, operation of the site would not generate odor emissions. **(Less than Significant Impact)**

4.3.3 Non-CEQA Effects

Per *California Building Industry Association v. Bay Area Air Quality Management District,* 62 Cal. 4th 369 *(BIA v. BAAQMD)*, effects of the environment on the project are not considered CEQA impacts. The following discussion is included for informational purposes only because the City of Santa Clara and BAAQMD have policies (including those that address existing air quality conditions affecting a proposed project).

The policies of the Santa Clara 2010-2035 General Plan have been adopted for the purpose of avoiding or mitigating environmental effects resulting from planned development within the City. The project would comply with the following policy to reduce TAC emissions effects on future residents of project:

- **5.10.5-P34:** Implement minimum setbacks of 500 feet from roadways with average daily trips of 100,000 or more and 100 feet from railroad tracks for new residential or other uses with sensitive receptors, unless a project-specific study identifies measures, such as site design, tiered landscaping, air filtration systems, and window design, to reduce exposure, demonstrating that the potential risks can be reduced to acceptable levels.

The project site is located 1.7 miles south of the nearest highway/roadway with 100,000 average daily trips (ADT) or more (i.e., U.S. 101) and 0.5 miles (2,700 feet) south of the nearest railroad. The project would, therefore, be consistent with the above policy.

On-Site Community Health Risk Assessment

A health risk assessment was completed to assess the impact existing TAC sources would have on the new proposed sensitive receptors (residents) that the project would introduce. The same TAC sources identified under Impact AIR-3 were used in this health risk assessment. It was assumed that the first year of project operation would be 2026. Thus, traffic estimates for the year 2026 were applied to El Camino Real and Scott Boulevard. Health impacts for later years would be less than in

2026 due to the implementation of new emission-reducing technologies. Table 4.3-7 summarizes the health risk impacts to future sensitive receptors on-site.

Table 4.3-7: Impacts from Existing TAC Sources to Project Site Receptors			
Source	**Cancer Risk (per million)**	**Annual $PM_{2.5}$ ($\mu g/m^3$)**	**Hazard Index**
El Camino Real, ADT 27,127	0.87	0.07	<0.01
Scott Boulevard, ADT 22,361	0.26	0.03	<0.01
Underwriters Laboratories, Inc. (Facility ID #2896), MEI at 0 feet[21]	0.01	<0.01	0.02
International Auto Center, Inc. (Facility ID #11294), MEI at 1,000+ feet	--	--	<0.01
City of Santa Clara Generator (Facility ID #16266), MEI at 530 feet	0.63	<0.01	<0.01
ARCO Gas Station (Facility ID #111625), MEI at 960 feet	0.24	>0.3	<0.01
BAAQMD Single-Source Threshold	**>10.0**	**>0.3**	**>1.0**
Exceed Threshold?	No	No	No
Cumulative Total	2.01	<0.13	<0.07
BAAQMD Cumulative Source Threshold	**>100**	**>0.8**	**>10.0**
Exceed Threshold?	No	No	No

As shown, the maximum cancer risk, and annual $PM_{2.5}$ concentrations, and HI from the nearby sources do not exceed their single-source or cumulative-source thresholds at the project site and would comply with BAAQMD policies.

[21] While this facility no longer exists, it is still in BAAQMD's records and so was included in the analysis.

4.4 BIOLOGICAL RESOURCES

The following discussion is based on an arborist report prepared by HortScience | Bartlett Consulting, dated March 6, 2020. A copy of the assessment report is included as Appendix B.

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 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.[22] 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

[22] United States Department of the Interior. "Memorandum M-37050. The Migratory Bird Treaty Act Does Not Prohibit Incidental Take." Accessed December 3, 2021. https://www.doi.gov/sites/doi.gov/files/uploads/m-37050.pdf.

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.

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.

Local

City of Santa Clara General Plan

The Santa Clara 2010-2035 General Plan includes policies that address the preservation of biological resources during the planning horizon of the General Plan. The following goals, policies, and actions are applicable to the proposed project:

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 trees over 36 inches in circumference (approximately 11 inches or more in diameter) as measured from 48 inches above the ground surface.

4.4.1.2 *Existing Conditions*

The project site is located in a developed, urban area of the City of Santa Clara. Surrounding land use consists of Santa Clara City Hall to the east, a church to the north, residential development west, and commercial development to the south. Vegetation in the vicinity of the project site includes landscaping consisting of grass, shrubs, and trees. Habitats in developed areas such as the project area would include predominantly urban-adapted birds and animals. There are no waterways, wetlands, or other sensitive habitats located on or adjacent to the project site. The nearest waterways are San Tomas Aquino Creek, located approximately 0.6 miles west of the project site, and Saratoga Creek, located approximately 0.9 miles west of the project site.[23]

Mature trees (both native and non-native) are valuable to the human environment as they reduce the impacts of global climate change through CO_2 absorption, reduce urban heat island effect, provide nesting and foraging habitat for raptors and other migratory birds, and provide visual enhancement. The goal of the City's General Plan Policy 5.10.1-P4 is to protect all healthy cedars, redwoods, oaks, olives, bay laurel, and pepper trees of any size, and all trees over 36 inches in circumference (approximately 11 inches or more in diameter) as measured from 48 inches above the ground surface.

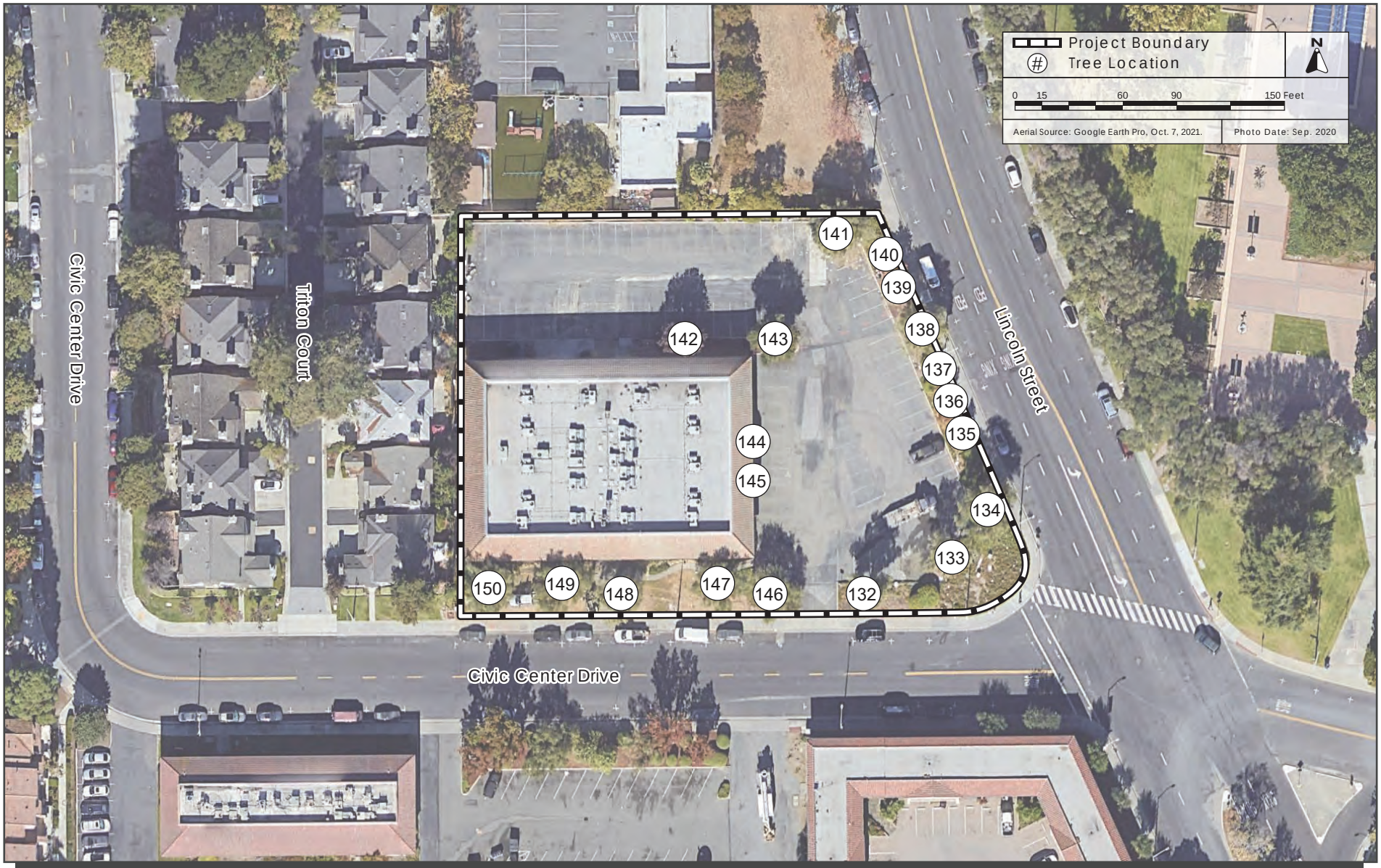
[23] Valley Water. Santa Clara County Creeks. Map. Accessed December 3, 2021. https://data-valleywater.opendata.arcgis.com/datasets/santa-clara-county-creeks/explore?location=37.355440%2C-121.964902%2C14.00.

Based on a tree survey completed in February 2020, tree species on-site consist of sweetgum, African fern pine, olive, and purple leaf plum. The tree survey identified 19 trees within the project site, 13 of which are protected trees per General Plan Policy 5.10.1-P4. Table 4.4-1 identifies the species, size, and condition of trees on-site. Figure 4.4-1 shows the location of trees on-site.

Table 4.4-1: Tree Species on Project Site

Tree #	Common Name	Condition	Diameter (inches)
132	Olive	Poor	15
133	Olive	Poor	25
134	**Olive**	**Fair**	**25**
135	Sweetgum	Poor	8
136	Sweetgum	Poor	8
137	Sweetgum	Poor	8
138	**Olive**	**Fair**	**30**
139	Sweetgum	Poor	7
140	Sweetgum	Fair	8
141	**Olive**	**Fair**	**31**
142	Purple leaf plum	Fair	29
143	**Olive**	**Fair**	**23**
144	African fern pine	Fair	12
145	African fern pine	Fair	9
146	**Olive**	**Fair**	**16**
147	**Olive**	**Fair**	**31**
148	Olive	Fair	29
149	**Olive**	**Fair**	**31**
150	**Olive**	**Fair**	**41**

Note: Trees in **bold** indicate they are City protected trees.



TREE LOCATION MAP

FIGURE 4.4-1

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, or 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)**

Special-Status Species

As discussed in Section 4.4.1.2, the project site does not contain habitat suitable for special-status plant and animal species. The project would result in the redevelopment of an already urbanized area

of the City of Santa Clara and would not result in the modification of any habitat area for special-status species. As a result, development of the proposed project would not adversely affect any candidate, sensitive, or special-status species. **(Less than Significant Impact)**

Nesting/Migratory Birds

Impacts to Birds During Construction

The trees and shrubs within and bordering the project site could provide nesting habitat for birds, including migratory birds or raptors. Nesting birds are among the species protected under the provisions of the MBTA and California Fish and Game Code Sections 3503, 3503.5, and 2800. Construction activities on-site during the nesting season (February to August) could result in the incidental loss of fertile eggs or nestlings, or otherwise lead to nest abandonment. Disturbance that results in abandonment and/or loss of reproductive effort is considered a taking by the CDFW; any loss of fertile eggs, nesting raptors, or any activities resulting in nest abandonment would constitute a significant impact.

Mitigation Measure: In compliance with federal and state regulations and protocol, the project proposes to implement the following mitigation measure, to reduce impacts to a less than significant level.

MM BIO-1: Construction shall be scheduled to avoid the nesting 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 and tree removal between September and January, then pre-construction surveys for nesting birds shall be completed by a qualified ornithologist to ensure that no nests 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 tress and other possible nesting habitats within and immediately adjacent to the construction area of 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.

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 with Mitigation Incorporated)**

Impacts to Birds During Project Operation

The project site is surrounded by office, government facilities, and commercial development. There are no open space or wetland areas, where a substantial number of migratory birds are known to occur, surrounding the project site. In addition, the project site is more than half a mile from San Tomas Aquino Creek, which is channelized in between San Tomas Expressway north and south lanes and contains no substantive riparian vegetation. The proposed design would be subject to the City's Development Review Hearing process for architectural review, including bird safe guidelines as applicable. Therefore, the project would not result in significant bird strikes/collisions. **(Less than Significant Impact)**

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)**

No riparian habitat or sensitive natural communities exist on or adjacent to the site. As stated in Section 4.4.1.2, Existing Conditions, the nearest waterway is San Tomas Aquino Creek, located approximately 0.6 miles west of the project site. For these reasons, the development of the project would not have a substantial adverse effect on any riparian habitat or other sensitive natural community. **(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 does not contain, nor it is adjacent to, any wetlands. As a result, the project will not affect any federally protected wetlands as defined by Section 404 of the Clean Water Act. **(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. **(Less than Significant Impact)**

The project site is surrounded by development, and there are no sensitive habitats or waterways on or adjacent to the project site. Due to the highly developed nature of the project area, the project site does not provide dispersal habitat for any native resident migratory fish or wildlife species and does not act as a substantial wildlife corridor. There are no identified wildlife nursery sites present on the project site. For these reasons, the proposed project would have a less than significant impact on migratory fish or wildlife species, wildlife corridors, and wildlife nursery sites. In addition, as described under Impact BIO-1, measures to mitigate impacts to nesting birds will be implemented if they are identified on-site during construction. As a result, the project would not substantially interfere with the movement of any native or migratory species, or the use of any nursery sites. **(Less than Significant 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)**

Of the 19 trees located on-site, all would be removed to accommodate the construction of the new multi-family development. The Santa Clara City Code, Section 12.35serves to protect all trees (native and non-native) planted or growing in the streets or public places of the City from removal without a permit from the City and prohibits the attaching of anything to a tree in the City, unless it is necessary and proper to the growth and care of the tree. In accordance with the City Code Section 12.35.090, the project would be required to provide a minimum 2:1 replacement (24-inch box) or 4:1 replacement ratio (15-gallon) for removal of the existing trees.

Although 19 trees would be removed as part of the project, including 13 City-protected trees, 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 an adopted Habitat Conservation Plan, Natural Community Plan, or other approved habitat conservation plan. The project, therefore, would not conflict with any approved local, regional, or state habitat conservation plan. **(No Impact)**

4.5 CULTURAL RESOURCES

This section is based in part on a Cultural Resources Literature Review Memorandum prepared for the El Camino Specific Plan area by Albion Environmental in March 2020. Copies of the memorandum is on file with the City of Santa Clara, Community Development Department.

4.5.1 Environmental Setting

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.[24]

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 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.

[24] California Office of Historic Preservation. "CEQA Guidelines Section 15064.5(a)(3) and California Office of Historic Preservation Technical Assistance Series #6." Accessed August 31, 2020. http://www.ohp.parks.ca.gov/pages/1069/files/technical%20assistance%20bulletin%206%202011%20update.pdf.

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.

Local

Santa Clara General Plan

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

Policies	Description
5.6.3-P1	Require that new development avoid or reduce potential impacts to archaeological, paleontological and cultural resources.
5.6.3-P4	Require that a qualified paleontologist/archaeologist monitor all grading and/or excavation if there is a potential to affect archeological or paleontological resources, including sites within 500 feet of natural water courses and the Old Quad neighborhood.
5.6.3-P5	In the event that archeological/paleontological resources are discovered, require that work be suspended until the significance of the find and recommended actions are determined by a qualified archeologist/paleontologist.
5.6.3-P6	In the event that human remains are discovered, work with the appropriate Native American representative and follow the procedures set forth in State Law

4.5.1.2 *Existing Conditions*

Historic Resources/Properties

The project site is developed with a vacant office building, a surface parking lot, and landscaping. The project site was mostly undeveloped and used for agricultural purposes from the 1930s to the late 1960s. In 1974, the existing office building was constructed. Based on General Plan Policy 5.6.1-P6, projects in the City are required to evaluate structures/potential resources over 50 years old to determine their eligibility for the City's list of Architecturally or Historically Significant Properties. The existing building on-site is approximately 47 years old (less than 50 years of age) and is not of historic age or of exceptional importance. The office building has a Mission-style of architecture which was common in the 1970s. The building is not considered eligible for listing under the CRHR, NRHP, or the City of Santa Clara Historic Architecturally or Historically Significant Properties list.

The commercial, office, church, and residential buildings that surround the site were constructed from the late 1960s to the early 1980s. The buildings typical of the styles of these eras with a mix of Mission-style, modern, and contemporary. Neither the project site nor its surrounding properties are listed on the City's Historically Significant Properties List.[25] The nearest designated historic building is the Headen-Inman House on 1509 Warburton Avenue, approximately 0.2 miles north of the site. Therefore, the site is not a historic property and there are no historic properties located adjacent to the site.

Archaeological Resources

The City of Santa Clara contains a large number of pre-colonial archaeological sites that reflect many thousands of years of Native American land use and residency. In February 2020, a records search of the California Historical Resources Information System (CHRIS) at the Northwest Information Center (NWIC) at Sonoma State University was completed for the proposed El Camino Specific Plan area and areas within one-quarter mile of the Specific Plan area. The Specific Plan area is composed of approximately 316 acres of properties that are located immediately adjacent to the segment of the El Camino Real between Lafayette Street on the east and the City limits on the west. The cultural resources literature review did not study the project site as a part of the Specific Plan area. However, the project site is within the one-quarter mile radius of the Specific Plan area that was studied, and portions of the Specific Plan area are immediately adjacent to the project site including commercial properties south of Civic Center Drive and City Hall, east of Lincoln Street.

In the general Specific Plan area, Native American archaeological sites have been recorded on the wide valley terraces within one-quarter mile of major rivers and creeks, and along the edge of the historic San Francisco Bay margins and marshlands. Often these resources have been buried by alluvium or fill. After the establishment of Mission Santa Clara in three successive locations, Native Americans also lived near the surrounding areas. The NWIC records search indicated that 21 archaeological studies have been conducted within the Specific Plan area and 19 studies have been conducted within a one quarter mile radius of the Specific Plan area. The majority of these studies are surveys and reconnaissance studies with little subsurface testing.

[25] City of Santa Clara General Plan, Appendix 8.9.

The NWIC reported three cultural resources within the Specific Plan area and 12 cultural resources within a one quarter-mile radius of the Specific Plan area. The resources within the one-quarter mile radius of the Specific Plan area include 10 historic-era buildings[26] and two pre-colonial sites with associated habitation debris and Native American burials. The two precolonial sites each contain at least one burial, habitation debris, and midden soils. Native American archaeological sites have been recorded in this area of Santa Clara, within a quarter mile of major rivers and creeks; many of which were buried by alluvium or fill. The nearest creek to the project site is San Tomas Aquino Creek, located 0.6 miles west of the site. Background research of the area shows that due to past dynamic geological processes, the project area holds moderate potential to contain buried archaeological deposits in Holocene Alluvial landforms.

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 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 considered eligible to be listed on the CRHR, NRHP, or local register.

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 listed on the CRHR or NRHP. 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)**

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 as they are of common architectural style of the 1960s to 1980s era. None of the adjacent buildings are listed

[26] The 10 historic-era buildings identified in the February 2020 cultural resources literature search for areas within a one quarter mile radius of the El Camino Precise Plan area are not located in the vicinity of the project site.

on the City's list of Architecturally or Historically Significant Properties.[27] 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)**

Based on the February 2020 cultural resources literature search completed for the proposed El Camino Real Specific Plan area and one-quarter mile vicinity, the project area has a low to moderate sensitivity to contain historic-era archaeological deposits potentially associated with mission-period structures and those developed in the late 19th and early 20thcentury. There is a moderate potential for the project area to contain pre-colonial buried archaeological deposits in Holocene Alluvial landforms. Based on the findings from the cultural resources study, and due to the lack of extensive subsurface studies in the immediate project area, redevelopment of the project site could result in a significant impact to unknown buried archaeological resources.

Mitigation Measures: The following mitigation measures would reduce impacts to subsurface cultural resources from construction activities conducted within the Specific Plan area:

MM CUL-2.1: Prior to the issuance of any grading permit, an Archaeological Monitoring Plan shall be developed, to the satisfaction of the Community Development Director, and implemented to guide the project should any significant archaeological deposits be uncovered during construction. The Archaeological Monitoring Plan shall provide detailed guidance for how impact areas should be methodically excavated under the direct supervision of a qualified archaeologist. A qualified archaeologist and a representative from the local Native American community shall monitor all initial ground-disturbing activities.

MM CUL-2.2: A qualified archaeologist shall monitor the demolition of the building foundations and any other below surface disturbances, such as but not limited to, grading, excavation, trenching, potholing for utilities, utility removal, and addressing storm drain issues.

MM CUL-2.3: In the event that buried, or previously unrecognized archaeological deposits or materials of any kind are inadvertently exposed during any construction activity, work within 50 feet of the find shall cease until a qualified archaeologist and a representative from the local Native American community can assess the find and provide recommendations for further treatment, if warranted. Preservation in place is the preferred treatment of an archeological resource. When preservation in place of an archeological

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

resource is not feasible, data recovery, in accord with a data recovery plan prepared and adopted by the City, is the appropriate mitigation. Construction and potential impacts to the area within a radius determined by the archaeologist shall not recommence until the assessment is complete.

Implementation of the above mitigation measures would avoid and/or reduce significant impacts to unknown buried archaeological resources to a less than significant level by monitoring for resources during demolition activities and following procedures to protect resources (if found). **(Less than Significant Impact with Mitigation Incorporated)**

Impact CUL-3:	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, redevelopment of the site could result in a significant impact to unknown buried human remains. If the exposure or destruction of these resources were to occur, it would be considered a significant impact.

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

MM CUL-3.1: In the event that human remains and/or grave goods are discovered or recognized during ground-disturbing activities or construction, all ground disturbance work shall cease within 50 feet of the discovery, and the tribal monitor shall immediately notify the construction supervisor. The construction supervisor shall ensure reasonable protection measures are taken to protect the discovery from disturbance (Assembly Bill [AB] 2641) and shall immediately notify the City and the Santa Clara County Medical Examiner-Coroner (per California Health and Safety Code Section 7050.5). 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.

- Reburial shall be conducted within a cultural easement to be identified on the project plans, or on tribal or other lands that will not be disturbed in the future.

- Reburial of human remains shall be accomplished in compliance with California Public Resources Code Sections 5097.98(a) and (b).

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

4.6 ENERGY

The following discussion is based in part on the Air Quality and GHG Assessment and CalEEMod results prepared by Illingworth & Rodkin in May 2022. A copy of the assessment is included as Appendix A.

4.6.1 Environmental Setting

Federal and State

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. Governor Schwarzenegger issued Executive Order (EO) S-3-05, requiring statewide emissions reductions to 80 percent below 1990 levels by 2050. In 2008, EO 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, requires 100 percent of electricity in California to be provided by 100 percent renewable and carbon-free sources by 2045.

Executive Order B-55-18 To Achieve Carbon Neutrality

In September 2018, Governor Brown issued an executive order, EO-B-55-18 To Achieve Carbon Neutrality, setting a statewide goal "to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter." The executive order requires CARB to "ensure future Scoping Plans identify and recommend measures to achieve the carbon neutrality goal." EO-B-55-18 supplements EO S-3-05 by requiring not only emissions reductions, but also that, by no later than 2045, the remaining emissions be offset by equivalent net removals of CO_2 from the atmosphere through sequestration.

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.[28] Compliance with Title 24 is mandatory at the time new building permits are issued by city and county governments.[29]

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. CALGreen 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.[30]

Reach Code

In 2021, the Santa Clara City Council approved the Reach Code Ordinance, Ordinance No. 2034, to reduce energy related GHG emissions consistent with the goals of City's Climate Action Plan. The Reach Code applies to new construction projects in and requires new residential construction to be outfitted with entirely electric fixtures. If exceptions are met that all the use of natal gas appliances, the building(s) must be electrification ready. In addition, the Reach Code requires EV charging infrastructure for residential and non-residential buildings and solar readiness for non-residential buildings.

Local

City of Santa Clara General Plan

The City of Santa Clara 2010-2035 General Plan includes goals, policies, and actions to protect and conserve energy resources in the City. The following goals, policies, and actions are applicable to the proposed project:

Policies	Description
5.10.3-P1	Promote the use of renewable energy resources, conservation, and recycling programs.

[28] California Building Standards Commission. "California Building Standards Code." Accessed December 3, 2021. https://www.dgs.ca.gov/BSC/Codes#@ViewBag.JumpTo.
[29] California Energy Commission (CEC). "2019 Building Energy Efficiency Standards." Accessed December 3, 2021. https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2019-building-energy-efficiency.
[30] California Air Resources Board. "The Advanced Clean Cars Program." Accessed December 3, 2021. https://www.arb.ca.gov/msprog/acc/acc.htm.

Policies	Description
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.
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.

4.6.1.1 *Existing Conditions*

Total energy usage in California was approximately 7,802 trillion British thermal units (Btu) in the year 2019, the most recent year for which this data was available.[31] Out of the 50 states, California is ranked second in total energy consumption and 46th in energy consumption per capita. The breakdown by sector was approximately 19 percent (1,456 trillion Btu) for residential uses, 19 percent (1,468 trillion Btu) for commercial uses, 23 percent (1,805 trillion Btu) for industrial uses, and 39 percent (3,073 trillion Btu) for transportation.[32] 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 2020 was consumed primarily by the non-residential sector (73 percent), followed by the residential sector consuming 24 percent. In 2020, a total of approximately 16,435 gigawatt hours (GWh) of electricity was consumed in Santa Clara County.[33]

SVP is the City of Santa Clara's energy utility and would provide electricity service to the project site. As of January 2018, SVP provides residential customers with carbon-free power as their standard, default power supply. This means the power generation produces no net carbon emissions. For commercial customers, SVP offers several options for participation in green energy programs, including a carbon-free energy option.[34]

California's total system electric generation in 2020 was approximately 272,576 gigawatt-hours (GWh), which was down 2 percent from 2019's total generation of approximately 277,704 GWh. California's in-state electric generation decreased by six percent to 190,913 GWh compared to approximately 200,475 GWh in 2019.[35] This decline was due to decreased generation from in-state large hydroelectric power plants, down 45 percent (15,207 GWh) from 2019.

[31] United States Energy Information Administration. "State Profile and Energy Estimates, 2019." Accessed December 3, 2021. https://www.eia.gov/state/?sid=CA#tabs-2.
[32] United States Energy Information Administration. "State Profile and Energy Estimates, 2019." Accessed December 3, 2021. https://www.eia.gov/state/?sid=CA#tabs-2.
[33] California Energy Commission. Energy Consumption Data Management System. "Electricity Consumption by County." Accessed December 3, 2021. http://ecdms.energy.ca.gov/elecbycounty.aspx.
[34] Silicon Valley Power. "Did you Know." Accessed December 3, 2021. https://www.siliconvalleypower.com/svp-and-community/about-svp/faqs.
[35] CEC. "2020 Total System Electric Generation." Accessed December 3, 2021. https://www.energy.ca.gov/data-reports/energy-almanac/california-electricity-data/2020-total-system-electric-generation

In 2020, natural gas represented the largest portion of the state's energy sources (at 48 percent). Solar, wind, and hydro generation accounted for more than 33 percent of all renewable electricity generation.[36]

Natural Gas

PG&E provides natural gas services within the City of Santa Clara. In 2020, approximately two percent of California's natural gas supply came from in-state production, while the remaining supply was imported from other western states and Canada.[37] In 2020, residential and commercial customers in California used 34 percent of the state's natural gas, the industrial sector used 34 percent, electric power plants used approximately 30.5 percent, the transportation sector used approximately one percent, and other sectors used approximately 0.5 percent natural gas.[38] In 2019, Santa Clara County used approximately two percent of the state's total consumption of natural gas.[39]

Fuel for Motor Vehicles

In 2019, 15.4 billion gallons of gasoline were sold in California.[40] 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 2019.[41] Federal 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 updated in March 2020 to require all cars and light duty trucks achieve an overall industry average fuel economy of 40.4 mpg by model year 2026. [42,43]

[36] Ibid.
[37] California Gas and Electric Utilities. *2020 California Gas Report.* Accessed December 3, 2021. https://www.socalgas.com/sites/default/files/2020-10/2020_California_Gas_Report_Joint_Utility_Biennial_Comprehensive_Filing.pdf.
[38] U.S. Energy Information Administration. *Natural Gas Consumption by End Use.* Accessed December 3, 2021. https://www.eia.gov/dnav/ng/ng_cons_sum_dcu_SCA_a.htm.
[39] California Energy Commission. "Natural Gas Consumption by County." Accessed December 3, 2021. http://ecdms.energy.ca.gov/gasbycounty.aspx.
[40] California Department of Tax and Fee Administration. "Net Taxable Gasoline Gallons." Accessed December 3, 2021. https://www.cdtfa.ca.gov/dataportal/dataset.htm?url=VehicleTaxableFuelDist.
[41] United States Environmental Protection Agency. "The 2020 EPA Automotive Trends Report: Greenhouse Gas Emissions, Fuel Economy, and Technology since 1975." January 2021. Accessed December 20, 2021. https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P1010U68.pdf
[42] United States Department of Energy. *Energy Independence & Security Act of 2007.* Accessed December 3, 2021. http://www.afdc.energy.gov/laws/eisa.
[43] Public Law 110–140—December 19, 2007. *Energy Independence & Security Act of 2007.* Accessed December 3, 2021. http://www.gpo.gov/fdsys/pkg/PLAW-110publ140/pdf/PLAW-110publ140.pdf.

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)**

The proposed project would demolish an existing two-story office building and construct a five-story multi-family development. Since the office building is currently vacant of occupants. the proposed project would result in an increased demand for energy at the project site during construction and operation.

Estimated Energy Use of the Proposed Project

The construction phase would use energy for the manufacture and transportation of building materials, preparation/grading of the site, and construction of the buildings. Petroleum-based fuels such as diesel fuel and gasoline would be the primary sources of energy for these tasks. Operation of the proposed development would consume energy (in the form of electricity) primarily from building heating and cooling, lighting, and water heating. Table 4.6-1 below summarizes the estimated energy use of the proposed project.

Table 4.6-1: Estimated Annual Energy Use of Proposed Development

Land Use	Electricity Use (kWh/yr)
Apartments Mid Rise	695,526
Enclosed Parking with Elevator	100,760
Parking Lot	3,985
Total	**800,271**

Source: Illingworth & Rodkin, Inc. *1601 Civic Center Drive Project Air Quality and Greenhouse Gas Assessment.* May 10, 2022.

Compared to existing conditions, the proposed project would substantially increase on-site electricity. However, the project would be built in accordance with the 2019 CALGreen requirements, Title 24 energy efficiency standards and Reach Code, which would improve the efficiency of the overall project. Based on the CalEEMod results, the total annual VMT for the project would be approximately 1,287,342.[44] Using the U.S. EPA fuel economy estimates (24.9 mpg) the proposed project would result in the consumption of approximately 51,700 gallons of gasoline per year.[45] New automobiles purchased by future residents of the proposed project would be subject to fuel economy and efficiency standards applied throughout the State of California, which means that over time the fuel efficiency of vehicles associated with the project site would improve. The project site is within 2,000 feet of major transit/bus stops which would be accessible to future residents. In addition, the project proposes a reduction in the required parking count with the Density Bonus application to 82 automobile spaces and 80 bicycle spaces (72 Class 1 and eight Class 2). These measures would help to reduce vehicle trips to and from the project site and, therefore, the project would not result in the wasteful use of fuel. Implementation of the proposed project would not result in a wasteful, inefficient, or unnecessary consumption of energy resources during operation. **(Less than Significant Impact)**

Energy Efficiency During Construction

The project is proposed to be constructed in approximately 18 months. The project would require site preparation, grading and excavation, trenching, paving, and building of interior and exterior. Energy would not be wasted or used inefficiently by construction equipment, as the proposed project would include several measures to improve efficiency of the construction process. For example, during construction, construction waste management methods and processes would be employed to reduce the amount of trash and construction waste. The project would be required to achieve a 65 percent construction and demolition waste diversion rate and would be required to prepare a Construction Waste Management Plan or utilize a waste management company to recycle, reduce and/or reuse construction waste (CALGreen Code Sections 4.408 and 5.408). Adherence to CALGreen Code would further reduce energy expenditures during the construction phase.

In addition, the project would implement BMPs (refer to Section 4.3, Air Quality) which would restrict equipment idling times to five minutes or less and would require the applicant to post signs on the project site reminding workers to shut off idle equipment to prevent the inefficient use of construction equipment. The project site is in proximity to local sources of construction materials which would reduce fuel usage. Implementation of the proposed project would not result in a wasteful, inefficient, or unnecessary consumption of energy resources during construction. **(Less than Significant Impact)**

Energy Efficiency During Operation

Operation of the project would consume energy for multiple purposes including, but not limited to, building heating and cooling, lighting, appliances, and electronics. Operational energy would also be consumed during each vehicle trip generated by future employees. The building would meet or

[44] Illingworth & Rodkin, Inc. *1601 Civic Center Drive Air Quality and Greenhouse Gas Assessment: CalEEMod Model.* May 10, 2022.
[45] 1,287,342 VMT / 24.9 mpg = 51,700 gallons of gasoline

exceed the requirements of the California Building Energy Efficiency Standards and would be required to comply with the Reach Code.

The project would not use energy or fuel in a wasteful manner, given the project features that reduce energy use, including the following:

- Access to public transit
- Bicycle facilities
- Electric Vehicle (EV) charging stations
- Construction in conformance with Title 24 and CALGreen requirements to promote energy and water efficiency
- Buildings constructed with low-emitting interior building materials (e.g., flooring and ceilings)
- Construction waste management
- Use of recycled materials during construction

The project would include landscaping composed of large shade trees around the site boundary, parking lot, and courtyard areas. This will have the effect of providing shade and reducing the heat island effect of the project, thus reducing the energy demand required to cool the proposed buildings. For the reasons listed above, the proposed project would have a less than significant impact. **(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)**

Electricity for the proposed project would be provided by SVP. Although the project would increase the project site's energy use, the proposed development would be completed in compliance with the current energy efficiency standards set forth in Title 24, CALGreen, the RPS Program, and the City Code. Therefore, the project would comply with state and local plans for energy efficiency. **(Less than Significant Impact)**

4.7 GEOLOGY AND SOILS

The following discussion is based in part on a Geotechnical Engineering Report prepared by Professional Service Industries, Inc., dated January 12, 2021, and a Web Soil Survey completed in November 2021. The reports are including in Appendix C of this Initial Study.

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 California Building Code (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 materials 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 geology and soils-related policies applicable to the project include the following.

Policies	Description
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 codes 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.

4.7.1.2 *Existing Conditions*

Regional Geology

The City of Santa Clara 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 San Francisco Bay to the north. The topography of the Santa Clara Valley rises from sea level at the south end of San Francisco Bay to elevations of more than 2,000 feet to the east. The average grade of the valley floor ranges from nearly horizontal to about two percent generally down to the northwest. Grades are steeper on the surrounding hillsides.

On-Site Geologic Conditions

Topography and Soils

In November 2020, four soil borings were advanced to a maximum depth of 61.5 feet below the ground surface (bgs) to identify the site's subsurface conditions. The project site is underlain by lean clay, silty lean clay, and sandy lean clay, fat clay and sandy fat clay, silt and sandy silt, sand, and sandy gravel. Soils on-site have a moderate risk of shrink swell potential and are, therefore, moderately expansive.[46]

Groundwater

Groundwater depth on the project site was measured at 7.5 feet bgs and historically has occurred less than 12 feet bgs.[47] Fluctuations in the groundwater level may occur due to seasonal changes, variations in rainfall and underground drainage patterns, and other factors.

Seismicity and Seismic-Related Hazards

The San Francisco Bay Area is one of the most seismically active regions in the U.S. The significant earthquakes that occur in the Bay Area are generally associated with the crustal movements along well-defined active fault zones of the San Andreas Fault system, which regionally trend in a northwesterly direction.

The project site is level and is not at risk of landslides or other land subsidence. The City does not contain any faults zoned under the Alquist-Priolo Earthquake Fault Zoning Act[48] or in a Santa Clara County Fault Hazard Zone,[49] and no active faults have been mapped on-site. The risk of surface fault rupture in the City is considered low. Nearby active or potentially active faults include the Hayward, Monte Vista-Shannon, Calaveras, and San Andreas faults. The distance from the project site to these faults is listed in Table 4.7-1. Due to the proximity of the project site to these active faults, ground shaking, and ground failure as a result of an earthquake could cause damage to structures.

Table 4.7-1: Active Faults Near the Project Site

Fault	Distance and Location from Project Site
Hayward	9.3 miles northeast
Monte Vista-Shannon	7.6 miles southwest
Calaveras	10.3 miles northeast
San Andreas	10.3 miles southwest

[46] United States Department of Agriculture. Soil Report. Accessed November 11, 2021. https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx.
[47] Professional Service Industries, Inc. Geotechnical Engineering Report. January 12, 2021.
[48] City of Santa Clara. 2010-2035 General Plan Integrated EIR. Page 183. January 2011.
[49] County of Santa Clara. Geologic Hazards Zones, Map 19, 2012. Accessed November 11, 2021. https://www.sccgov.org/sites/dpd/DocsForms/Documents/GEO_GeohazardATLAS.pdf.

Soil Liquefaction and Related Hazards

Liquefaction occurs when water-saturated soils lose structural integrity due to seismic activity. Soils that are most susceptible to liquefaction are loose to moderately dense, saturated granular soils with poor drainage. According to the Santa Clara General Plan, the project site is located in a region characterized by a moderate to high ground shaking hazard and, due to the location of the site within the Liquefaction Hazard Area, the site is at risk of lateral spreading and related ground failure.[50] To evaluate the site's soil susceptibility to seismically induced liquefaction, two soil borings were advanced to a maximum depth of 100 feet bgs.

Soil liquefaction potential and seismically induced settlement were estimated using computer modeling. The estimated extent and depth of liquefaction within the subsurface soils corresponds to input ground surface acceleration and earthquake magnitudes consistent with a design-level earthquake event. The results of the analysis showed that the estimated total seismic settlement of saturated soils (settlement below the water table) was estimated to be less than one inch. Therefore, seismically induced settlement due to liquefaction was not considered to be a design consideration for this site.

Lateral spreading is a type of ground failure related to liquefaction. It consists of the horizontal displacement of flat-lying alluvial material toward an open area, such as the steep bank of a stream channel. The project site is relatively flat and is not adjacent to a creek or any other unsupported face. Therefore, the potential for lateral spreading is low. Additionally, based on a review of the site topography and on the lack of significant liquefiable soil, lateral spreading is also not considered a concern for the site.

Paleontological Resources

As discussed in Section 4.7.1.1, paleontological resources are the fossilized remains of organisms from prehistoric environments found in geologic strata. The project site is underlain by Holocene deposits.[51] Geologic units of Holocene age are generally not considered sensitive 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.[52] These older sediments, often found at depths of 10 feet or more bgs, have yielded the fossil remains of plants and extinct terrestrial Pleistocene vertebrates.

Ground disturbing activities of 10 feet or more have the potential to impact undiscovered paleontological resources in older Pleistocene sediments. The City, including the project site, is underlain by alluvial fan deposits of Holocene age, made up of gravel, sand and finer sediments.

[50] California Geological Survey. Earthquake Zones and Required Investigation. Accessed December 18, 2021. https://maps.conservation.ca.gov/cgs/EQZApp/app/.
[51] City of Santa Clara. Integrated Final EIR for the City of Santa Clara Draft 2010-2035 General Plan. January 2011. Figure 4.5-1.
[52] Ibid. City of Santa Clara. Integrated Final EIR for the City of Santa Clara Draft 2010-2035 General Plan. January 2011. Page 323.)

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?	☐	☒	☐	☐
3) 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?	☐	☐	☒	☐
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?	☐	☐	☐	☒

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 proposed project is not located within an Alquist-Priolo Earthquake Fault Zoning Map area where fault rupture may occur.[53] Therefore, the proposed project would not cause risk of loss, injury, or death involving rupture of a known earthquake fault. The project site and surrounding areas are also relatively flat; therefore, development on-site would not expose adjacent or nearby properties to landslide related hazards.

The proposed project would be constructed on soils identified as a risk for liquefaction, however a site-specific geotechnical analysis found the risk of liquefaction-related hazards is low. Although no active faults are known to cross the project site, the project would experience intense ground shaking in the event of a large earthquake.

The project would be required to adhere to the most recent CBC and the recommendations in the site-specific engineering geotechnical report, as well as utilize standard engineering techniques to increase the likelihood that the project could withstand minor earthquakes without damage and major earthquakes without collapse. As a result, the proposed project would not expose people or property to significant impacts associated with seismically induced ground failures or other geologic conditions on-site. **(Less Than Significant Impact)**

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

The project would require ground disturbance due to grading, trenching for utilities, and excavation for construction of the footings and foundations of the new structures. Ground disturbance would expose soils and increase the potential for wind or water-related erosion and sedimentation until construction is complete.

Mitigation Measures: The following mitigation measures have been included in the project to reduce possible construction-related erosion impacts:

MM GEO-2.1: All excavation and grading work would be scheduled in dry weather months or construction sites would be weatherized[54] to withstand or avoid erosion.

MM GEO-2.2: Stockpiles and excavated soils would be covered with secured tarps or plastic sheeting.

[53] California Geological Survey. Earthquake Zones and Required Investigation. Accessed December 18, 2021. https://maps.conservation.ca.gov/cgs/EQZApp/app/.

[54] Weatherized refers to measures that would protect exposed soils from rain and stormwater runoff.

MM GEO-2.3: Vegetation in disturbed areas would be replanted as quickly as possible.

Implementation of the identified mitigation measures would reduce erosion and sedimentation impacts to a less than significant level. **(Less Than Significant Impact with Mitigation Incorporated)**

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 proposed project would be constructed on soils with low risk of liquefaction during seismic events. As described in Impact GEO-1, the proposed project would be constructed in compliance with a site-specific geotechnical report, City Code, and the CBC requiring the project to analyze and remediate site-specific soil conditions. Therefore, the proposed project would not result in a risk of instability because of liquefaction or lateral spread and would have a less than significant impact. **(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)**

Soils on-site contain clay and sand and have a moderate expansion potential. Consistent with City requirements, buildings will be designed and constructed in accordance with the design-level geotechnical investigation prepared for the site, which identifies specific design features that will be required for the project, including site preparation, compaction, foundation design, and pavement design. The design-level geotechnical investigation shall be reviewed and approved by the City prior to issuance of a building permit for the project.

The proposed project would be built in conformance with the requirements of the CBC and, therefore, would not expose people or property to significant impacts associated with the soil conditions of the site. **(Less than Significant Impact)**

Impact GEO-5:	The project would not 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. **(No Impact)**

The proposed project would utilize the existing wastewater disposal system in the City of Santa Clara and would not require the use of septic tanks or alternative wastewater disposal systems. Therefore, the proposed project would not have impacts resulting from inadequate soils. **(No Impact)**

Impact GEO-6:	The project would not directly or indirectly destroy a unique paleontological resource or site or unique geological feature. **(No Impact)**

The project site is underlain by geologic units of Holocene age, which are generally not considered sensitive for paleontological resources because biological remains younger than 10,000 years are not usually considered fossils. Thus, these sediments have low potential to yield fossil resources or to contain significant nonrenewable paleontological resources. More recent sediments, however, may overlie older Pleistocene sediments with high potential to contain paleontological resources. These older sediments, often found at depths of greater than 10 feet bgs, have yielded the fossil remains of plants and extinct terrestrial Pleistocene vertebrates. The proposed project would not include subsurface structures; however, it would require excavation for utilities, foundation footings, and other underground features which would require trenching to a depth of approximately seven feet bgs. Therefore, the project would not directly or indirectly destroy a unique paleontological resource or site or unique geological feature. **(No Impact)**

4.8 GREENHOUSE GAS EMISSIONS

The following discussion is based in part on an Air Quality and Greenhouse Gas Assessment completed by Illingworth & Rodkin, Inc. in May 2022. A copy of the report is provided in Appendix A of this Initial Study.

4.8.1 Environmental Setting

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 would 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

Assembly Bill 32

Under the California Global Warming Solutions Act, also known as AB 32, 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.

In 2016, SB 32 was signed into law, amending the California Global Warming Solution Act. SB 32, and accompanying EO 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.

Regional

Plan Bay Area 2050

Plan Bay Area 2050 is a long-range plan for the nine-county San Francisco Bay Area that provides strategies that increase the availability of affordable housing, support a more equitable and efficient economy, improve the transportation network, and enhance the region's environmental resilience. Plan Bay Area 2050 promotes the development of a variety of housing types and densities within identified Priority Development Areas (PDAs). PDAs are areas generally near existing job centers or frequent transit that are locally identified for housing and job growth.[55]

ABAG allocates regional housing needs to each city and county within the San Francisco Bay Area, based on statewide goals. These allocations are designed to lay the foundation for Plan Bay Area 2050's long-term envisioned growth pattern for the region. ABAG also develops a series of forecasts and models to project the growth of population, housing units, and jobs in the Bay Area. ABAG,

[55] Association of Bay Area Governments and Metropolitan Transportation Commission. *Plan Bay Area 2050*. October 21, 2021. Page 20.

MTC, and local jurisdiction planning staff created the Forecasting and Modeling Report, which is a technical overview of the of the growth forecasts and land use models upon which Plan Bay Area 2050 is based.

Bay Area 2017 Clean Air Plan

Regional air quality management districts, such as BAAQMD, must prepare air quality plans specifying how state and federal air quality standards would 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 the climate, the 2017 CAP includes control measures designed to reduce emissions of CH_4 and other super-GHGs that are potent climate pollutants in the near-term, and to decrease emissions of CO_2 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 City of Santa Clara and other 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.

Local

City of Santa Clara Climate Action Plan

The City of Santa Clara has a Climate Action Plan (CAP),[56] adopted in December 2013, that established goals and measures to reduce GHG emissions by 23 percent below 2008 levels by 2020, which is enough to surpass the City and State goals. However, the Plan does not have a specific metric ton GHG threshold for project-level construction or operation.

City of Santa Clara General Plan

The Santa Clara 2010-2035 General Plan includes policies that address the reduction of GHG emissions during the planning horizon of the General Plan. The applicable General Plan policies and the project's consistency with these policies is discussed in Section 4.8.2, Impacts Discussion, under the response to Impact GHG-2 (see Table 4.8-2).

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. The project site is unoccupied and does not currently contribute to the City's GHG emissions.

[56] City of Santa Clara, 2013. *City of Santa Clara Climate Action Plan.* Accessible at: https://www.santaclaraca.gov/home/showdocument?id=10170.

Post 2020-Impact Thresholds

As described previously, BAAQMD adopted GHG emissions thresholds of significance to assist in the review of projects under CEQA. These thresholds were designed to establish the level at which BAAQMD has determined that GHG emissions would cause significant environmental impacts. The GHG emissions thresholds identified by BAAQMD are 1,100 metric tons (MT) of CO_2e per year or 4.6 MT CO_2e per service population per year. A project that is in compliance with the City's Climate Action Plan (a qualified GHG Reduction Strategy) is considered to have a less than significant GHG impact regardless of its emissions.

The numeric thresholds set by BAAQMD and included within the City's Climate Action Plan were calculated to achieve the state's 2020 target for GHG emissions levels (and not the SB 32 specified target of 40 percent below the 1990 GHG emissions level). Because the project would be completed in the post-2020 timeframe, the project would not be covered under the City's Climate Action Plan and the 2020 thresholds would not be applicable.

CARB has completed a Scoping Plan to achieve SB 32 GHG reduction targets, which will be utilized by BAAQMD to establish the 2030 GHG efficiency threshold. BAAQMD has yet to publish a quantified GHG efficiency threshold for 2030. In-lieu of an updated efficiency threshold from BAAQMD, a Substantial Progress efficiency threshold of 2.8 MT CO_2e/service population/year threshold, which is a 40 percent reduction from the BAAQMD 2020 service population emissions target of 4.6 MT CO_2e /service population/year, is utilized in this Initial Study. An adjusted bright-line threshold of 660 MTCO_2e/year, which is 40 percent below BAAQMD 2020 bright-line threshold of 1,100 MT CO_2e, is also used in this Initial Study.[57] The efficiency and adjusted bright-line thresholds were calculated based on the GHG reduction goals of SB 32 and EO B-30-15 for 2030.[58]

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?	☐	☐	☒	☐

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)**

[57] The 2020 BAAQMD bright-line threshold of 1,100 MT CO_2e was established by BAAQMD to help the state reduce GHG emissions to 1990 levels by 2020. 1,100 MT CO_2e – (1,100 MT CO_2e * 0.4) = 660 MT CO_2e. 660 MT CO_2e is the 2030 bright-line threshold calculated for projects constructed and operational post-2020 and pre-2031.
[58] Personal Communications: Reyff, James, Illingworth & Rodkin, Inc. (air quality consultant). March 4, 2020.

GHG emissions associated with development of the proposed project would occur over the short-term from construction activities, consisting primarily of emissions from equipment exhaust and worker and vendor trips. There would also be long-term operational emissions associated with vehicular traffic within the project vicinity, energy, and water usage, and solid waste disposal. Emissions for the proposed project were analyzed using CalEEMod and the methodology recommended in the BAAQMD CEQA Air Quality Guidelines and are discussed below.

Construction Emissions

Project construction would generate approximately 382 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 nor BAAQMD have an adopted threshold of significance for construction related GHG emissions, though BAAQMD recommends quantifying emissions and disclosing that GHG emissions would occur during construction. BAAQMD also encourages the incorporation of BMPs to reduce GHG emissions during construction where feasible and applicable. The project would be required to implement BAAQMD's recommended BMPs as a condition of approval, as previously described in Section 4.3 Air Quality.

Operational Period Emissions

Project operation would generate approximately 595 total MT of CO_2e in 2026 and approximately 566 total MT of CO_2e in 2030. The service population emissions for the years 2026 and 2030 are predicted to be 2.1 and 2.0 MT/CO_2e/year/service population, respectively. The service population calculation was based on the assumption that the project would house approximately 285 residents (see Section 4.14 Population and Housing). It is anticipated that the project's first full year of operation would be in 2026. However, the applicable thresholds are for the year 2030, thus, the estimated GHG emissions for year 2030 are shown in Table 4.8-1 by source category.

Table 4.8-1: Annual Project Operational GHG Emissions (CO_2e)

Source Category	Project Operational Emissions (MT CO_2e/year)	
	2026	**2030**
Area	1	1
Energy Consumption	113	113
Mobile	432	403
Solid Waste Generation	25	25
Water Usage	12	12
Total (MT CO_2e/year)	584	554
Bright-Line Significance Threshold	**--**	**660 MT CO_2e/year**
Service Population Emissions (MT CO_2e/year/service population)	2.1	2.0
Service Population Significance Threshold	**--**	**2.8 in 2030**
Exceeds Both Thresholds?	--	No

To be considered a significant impact, project emissions must exceed both the bright-line threshold and the service population threshold in the year 2030. As shown in Table 4.8-1, the project would not exceed either threshold for the year 2030. Therefore, project operation would not generate a significant amount of GHG emissions. **(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)**

2017 BAAQMD Clean Air Plan

As discussed in Section 4.3 Air Quality, the project supports the goals of the 2017 BAAQMD CAP for protecting public health and the climate and is consistent with 2017 BAAQMD CAP control measures of reducing exposure to TACs and reducing DPM emissions by:

- Implementing mitigation measures to reduce criteria air pollutants during construction,
- Reducing motor VMT by proposing residential development in proximity to existing/proposed/planned pedestrian, bicycle, and transit facilities,
- 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 General Plan Policy 5.3.1-P10 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.

In addition, the project, as proposed, would not disrupt or hinder the implementation of applicable control measures in the 2017 BAAQMD CAP. **(Less than Significant Impact)**

Santa Clara Climate Action Plan

As described previously, the City of Santa Clara Climate Action Plan (CAP) was adopted in December 2013, and the City is currently preparing the 2030 CAP, which would include strategies for meeting the GHG emission reduction targets required by SB 32 and identify further actions the City can undertake to further reduce GHG emissions and meet new targets. A summary of the project's consistency with current CAP measures is provided in Table 4.8-2.

Table 4.8-2: Summary of Applicable Climate Action Plan Measures and Project Consistency

Applicable Climate Action Plan Measures		Notes/Comments
Energy Efficiency		
2.4	Customer Installed Solar Photovoltaic Systems on Customer-Owned Residential and Nonresidential Projects	The project proposes to include photovoltaic arrays and solar thermal arrays on the roof of the proposed building.

Table 4.8-2: Summary of Applicable Climate Action Plan Measures and Project Consistency		
Applicable Climate Action Plan Measures		**Notes/Comments**
Water Conservation		
3.1	Water Conservation: Reduce GHG-Intensive Water Use Practices	The project proposes to integrate water conservation practices, such as high-efficiency irrigation systems.
Waste Reduction		
4.2	Increase Waste Diversion: Recycle, Food Waste Pickup, Construction, and Demolition Waste Programs to Increase Solid Waste Diversion to 80 percent	The proposed project would include recycling services and participate in the City's Construction and Demolition Debris Recycling Program.
Off-Road Equipment		
5.2	Use Cleaner Alternative Technologies for Construction Vehicles and Equipment (BAAQMD BMPs)	As discussed in Section 3.3, the project proposes to implement BAAQMD construction BMPs.
Transportation and Land Use		
6.1	Transportation Demand Management (TDM) Programs for Residential Projects More Than 25 Units and Nonresidential Projects More Than 10,000 square feet in Transportation Districts	The project does not propose to implement a TDM Plan. Per the City's VMT Policy, the project would be considered to have a less than significant VMT impact because it is a 100 percent affordable housing project in an infill location.
6.3	Electric Vehicle Parking and Charging Station(s) for Multi-Family Residential or Nonresidential Projects	The project would provide clean air and electric vehicle parking stations.
Urban Heat Island Effect		
7.1	Urban Forestry: Shade trees on new developments near south- or west- facing windows.	The project proposes to have shade trees for south- and west- facing windows.

General Plan Policies

In addition to the reduction measures in the CAP, 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 Air Quality, Energy, Transportation, and Water Policies of the General Plan is described in Table 4.8-3.

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.	Water conservation and energy efficiency measures included in the project would reduce GHG emissions associated with the generation of electricity.
5.10.2-P4 Encourage measures to reduce GHG emissions to reach 30 percent below 1990 levels by 2020.	
Energy Policies	
5.10.3-P1 Promote the use of renewable energy resources, conservation, and recycling programs.	The project would divert at least 65 percent of construction waste. Water efficient landscaping and 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.	
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.	
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.	The project would plant trees that would provide shading throughout the site to reduce the heat island effect.
Transportation Policies	
5.3.1-P14 Encourage TDM strategies and the provision of bicycle and pedestrian amenities in all new development greater than 24 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 Climate Action Plan.	The project does not propose to implement a TDM Plan. Per the City's VMT Policy, the project would be considered to have a less than significant VMT impact because it is a 100 percent affordable housing project in an infill location.

Table 4.8-3: General Plan Sustainability Policies	
Emission Reduction Policies	**Project Consistency**
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.	The project would include new pedestrian sidewalks, bicycle storage facilities, and would be located near public transit.
5.8.5-P5 Encourage TDM programs that provide incentives for the use of alternative travel modes to reduce the use of single-occupant vehicles.	
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.

The project is consistent with the above 2017 BAAQMD CAP, City CAP, and General Plan policies and measures and, therefore, would not conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of GHGs. **(Less Than Significant Impact)**

4.9 HAZARDS AND HAZARDOUS MATERIALS

The following discussion is based in part upon a Phase I Environmental Site Assessment prepared by Professional Service Industries, Inc. in September 2021 and a Phase II Subsurface Investigation prepared by Professional Service Industries, Inc. in February 2022. The assessment is included in Appendix D of this Initial Study.

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. 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.

Comprehensive Environmental Response, Compensation, and Liability Act

The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), commonly known as Superfund, was enacted by Congress on December 11, 1980. This law created a tax on the chemical and petroleum industries and provided broad federal authority to respond directly to releases or threatened releases of hazardous substances that may endanger public health or the environment. Over five years, $1.6 billion was collected and the tax went to a trust fund for cleaning

up abandoned or uncontrolled hazardous waste sites. CERCLA accomplished the following objectives:

- Established prohibitions and requirements concerning closed and abandoned hazardous waste sites
- Provided for liability of persons responsible for releases of hazardous waste at these sites
- Established a trust fund to provide for cleanup when no responsible party could be identified

The law authorizes two kinds of response actions:

- Short-term removals, where actions may be taken to address releases or threatened releases requiring prompt response; and
- Long-term remedial response actions that permanently and significantly reduce the dangers associated with releases or threats of releases of hazardous substances that are serious, but not immediately life-threatening. These actions can be completed only at sites listed on the EPA's National Priorities List.

CERCLA also enabled the revision of the National Contingency Plan (NCP). The NCP provided the guidelines and procedures needed to respond to releases and threatened releases of hazardous substances, pollutants, or contaminants. The NCP also established the National Priorities List (NPL) which is a list of sites of national priority among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the U.S. and its territories. The NPL serves as a guide to the U.S. EPA in determining which sites warrant further investigation.[59] CERCLA was amended by the Superfund Amendments and Reauthorization Act on October 17, 1986.[60]

Resource Conservation and Recovery Act

The Resource Conservation and Recovery Act (RCRA), enacted in 1976, is the principal federal law in the United States governing the disposal of solid waste and hazardous waste. RCRA gives the EPA the authority to control hazardous waste from the "cradle to the grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also sets forth a framework for the management of non-hazardous solid wastes.

The Federal Hazardous and Solid Waste Amendments (HSWA) are the 1984 amendments to RCRA that focused on waste minimization, phasing out land disposal of hazardous waste, and corrective action for releases. Some of the other mandates of this law include increased enforcement authority for the EPA, more stringent hazardous waste management standards, and a comprehensive underground storage tank program.[61]

[59] United State Environmental Protection Agency. Superfund: National Priorities List (NPL). Accessed December 16, 2021. https://www.epa.gov/superfund/superfund-national-priorities-list-npl.
[60] United States Environmental Protection Agency. "Superfund: CERCLA Overview." Accessed December 16, 2021. https://www.epa.gov/superfund/superfund-cercla-overview.
[61] United States Environmental Protection Agency. "Summary of the Resource Conservation and Recovery Act." Accessed December 16, 2021. https://www.epa.gov/laws-regulations/summary-resource-conservation-and-recovery-act.

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) and State Water Resources Control Board (SWRCB).[62]

Toxic Substances Control Act

The Toxic Substances Control Act (TSCA) of 1976 provides the EPA with authority to require reporting, record-keeping and testing requirements, and restrictions relating to chemical substances and/or mixtures. Certain substances are generally excluded from TSCA, including, among others, food, drugs, cosmetics, and pesticides. The TSCA addresses the production, importation, use, and disposal of specific chemicals including polychlorinated biphenyls (PCBs), asbestos, radon, and lead-based paint.

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 (NESHAP) 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 the 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

Norman Y. Mineta San José International Airport Comprehensive Land Use Plan

The Norman Y. Mineta San José International Airport (Airport) is located approximately 1.3 miles southeast of the project site. The project site is not located within the Airport Influence Area (AIA) of the Airport, as defined by the Comprehensive Land Use Plan (CLUP).

[62] California Environmental Protection Agency. "Cortese List Data Resources." Accessed December 16, 2021. https://calepa.ca.gov/sitecleanup/corteselist/.

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.

City of Santa Clara General Plan

The Santa Clara 2010-2035 General Plan includes policies that address hazards and hazardous materials during the planning horizon of the General Plan. The following goals, policies, and actions are applicable to the proposed project:

Policies	Description
5.10.5-P22	Regulate development on sites with known or suspected contamination of soil and/or groundwater to ensure that construction workers, the public, future occupants, and the environment are adequately protected from hazards associated with contamination, in accordance with applicable regulations.
5.10.5-P24	Protect City residents from risks inherent in the transport, distribution, use and storage of hazardous materials.
5.10.5-P25	Use Best Management Practices to control the transport of hazardous substances and to identify appropriate haul routes to minimize community exposure to potential hazards.
5.10.5-P26	Survey pre-1980 buildings and abate any lead-based paint and asbestos prior to structural renovation and demolition, in compliance with all applicable regulations.
5.10.5-P33	Limit the height of structures in accordance with the Federal Aviation Administration Federal Aviation Regulations, FAR Part 77 criteria.

4.9.1.2 *Existing and Historic Site Conditions*

Site History and Current Use

Based on a review of historic aerial photographs, the project site consisted of undeveloped land and agricultural land with internal roads from the 1930s to the 1960s. While no structures that show of pesticide/herbicide/chemical storage/mixing areas were identified in the aerial photographs, typically, crops are maintained with chemicals applied as a normal agricultural process. No surficial evidence

of misuse, application of residual materials from pesticides, herbicides, or fertilizers were observed during the site reconnaissance however, as with any agriculturally developed land, there is a possibility that pesticides, herbicides, or fertilizers have been applied; therefore, the presence of these agricultural chemicals could be present in the on-site soils.

From 1968 to 1970, the site was undeveloped land. In 1974, the existing 30,000 square foot office building on-site was constructed. The building includes multiple offices, break rooms, and conference rooms. The office building has been unoccupied since 2018. The site consists of a surface parking lot and limited landscaping. A site reconnaissance was completed on August 20, 2021. No evidence of recognized environmental conditions was observed at the site.

Asbestos and Lead-Based Paint

Exposure to asbestos-containing materials (ACMs) and lead-based paint (LBP) can result in adverse health effects, including effects to the central nervous system and vital organs. ACMs and LBP were common building products/materials until the 1970s. In 1978, the U.S. Consumer Product Safety Commission banned the sale of lead-based paint. The existing office building was constructed in 1974. Based on an initial asbestos analysis of bulk materials for the office building, the building interior contains ACMs. Given the age of the existing office building, it is possible that LBP is present on-site.

Regulatory Database Listings

A review of regulatory environmental database searches was completed for the project site and surrounding properties. The project site was listed on two environmental databases as shown in Table 4.9-1 below.

Table 4.9-1: Project Site Listings on Regulatory Databases

Database Listing	Description	Potential Impact
Facility Registry Service/Facility Index (FINDS/FRS) Emissions	The database listings are associated with the site being regulated as a small source of air point pollution with BAAQMD for an emergency back-up generator on-site.	The listings do not have any violations associated with them nor do they identify a release to the project site. Based on this information, the emergency back-up generator is not considered a recognized environmental condition.

Subsurface Investigation

A total of 10 soil borings were taken on the project site with soil samples taken a one and four feet bgs. Groundwater was not encountering in any soil borings. The samples were tested for chlorinated pesticides and one sample was found to have a measurable concentration of DDE at 0.054 milligrams per kilogram (mg/kg). The RWQCB Environmental Screening Levels (ESLs) for residential land uses have a threshold of 0.65 mg/kg. The level of contamination documented on-site is below the ESL residential threshold.

4.9.1.3 *Surrounding Land Uses*

Historical and Current Uses of the Surrounding Properties

The surrounding properties consisted of agricultural or fallow land (to the north), undeveloped land to the east and south, and agricultural land and a single-family residence to the west from the 1930s to the 1960. In 1968, the adjacent property to the north was developed with the existing church building and the property to the east of Lincoln Street was developed with the existing City Hall structures in their current configuration. The property to the south was undeveloped land from the 1930s to the 1960s and was developed with the current hotel building by 1971. By 1974, the property to the south was in its current configuration and included the existing hotel building and bank with various tenants. The property to the west was developed with single-family residences from 1968 until the late 1980s. Since the early 1990s, the property to the west has been developed in its current configuration with residences.

Given the former agricultural uses at the properties to the north and west, there is the possibility that pesticides, herbicides, or fertilizers have been applied to these properties, which may have affected the project site.

Regulatory Databases

Based on a review of regulatory environmental databases within one mile of the site, no off-site facilities/properties on the database listings have the potential to significantly affect environmental conditions at the project site, based on the following factors:

- the nature of the listing;
- the use of the facility;
- when the facility was listed and its current listed status;
- the developmental density of the setting;
- the potential for vapors to encroach from the property;
- the distance between the listing and project site related to whether releases are likely to migrate based on local surface and subsurface drainage conditions;
- the contaminant of concern; and/or
- the presence of intervening drainage divides; and/or inferred groundwater movement.

The following facility shown in Table 4.9-2, located approximately 250 feet east of the site, was listed on regulatory databases, however, it does not represent a recognized environmental condition.

Table 4.9-2: Nearby Project Site Listings on Regulatory Databases		
Site Address, Name, and Database Listing[1]	**Description**	**Potential Impact**
Santa Clara Police Department 1541 Civic Center Drive Santa Clara, California Listed on LOP Santa Clara, LUST, HHSS, Hist Tank, UST SWEEPS[1]	These listings are associated with the removal of a number of USTs from the site between 1985 and 2001. Due to low concentrations of gasoline hydrocarbons identified in the soil and groundwater, the site received closure on April 23, 2004, from the Santa Clara Department of Environmental Health LOP.	Given the case closure and the former USTs had no significant effect on groundwater, this property is not considered an environmental concern for the site.
Notes: [1] LOP Santa Clara: Local Oversight Program: Santa Clara County Department of Environmental Health LUST: Leaking Underground Storage Tank HHSS: Historical Hazardous Substance Storage Information Database Hist Tank: Historical Hazardous Substance Storage Container Information – Facility Summary UST SWEEPS: Underground Storage Tank Statewide Environmental Evaluation and Planning System		

4.9.1.4 *Other Hazards*

Airports

The nearest airport to the site project site the Norman Y. Mineta San José International Airport, approximately 1.3 miles east of the site. Development within the AIA could be subject to hazards from aircraft and pose hazards to aircraft traveling 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 project site is not located within the AIA nor the safety zones designated by the CLUP.

Based on FAA FAR Part 77 regulations, any proposed structure of a height greater than approximately 45 feet in height above the ground surface is required to be submitted to the FAA for airspace safety review.[63]

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 (FHSZ).[64]

[63] Norman Y. Mineta San José International Airport. *Notice Requirement Criteria for Filing FAA Form 7460-1*. 2013.
[64] CAL FIRE: Office of the State Fire Marshal. "Fire Hazard Severity Zones Maps." Accessed December 16, 2021. https://osfm.fire.ca.gov/divisions/wildfire-planning-engineering/wildland-hazards-building-codes/fire-hazard-severity-zones-maps/.

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, would 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 the routine transport, use, or disposal of hazardous materials**. (Less than Significant Impact)**

Site Operation

Operation of the proposed project could include the use and storage of small quantities of chemicals for janitorial cleaning and landscape maintenance. Compliance with applicable federal, state, and local handling, storage, and disposal requirements would avoid significant hazards to the public or the environment created by the routine transport, use, or disposal of these substances. **(Less Than Significant Impact)**

Construction

No long-term release of hazardous materials into the environment would occur as a result of project implementation. Project construction would require the temporary use of heavy equipment. Construction would also require the use of hazardous materials including petroleum products, lubricants, cleaners, paints, and solvents. The use and storage of hazardous materials in the City of Santa Clara is regulated by the Santa Clara Fire Department. Construction of the proposed project would conform to the requirements of the Santa Clara County Department of Environmental Health (SCCDEH). Compliance with applicable federal, state, and local handling, storage, and disposal requirements would ensure that no significant hazards to the public or the environment are created by these routine activities. The project would also implement mitigation measures MM HAZ-2.1 through MM HAZ-2.4 and ACM/LBP conditions below to ensure proper handling and disposal of contaminated soil. For these reasons, the storage and handling of hazardous materials on the site, under the proposed project, would not result in a significant impact. **(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)**

Agricultural Chemicals

Given the project site and adjacent properties to the north and west were used for agricultural purposes until at least 1960, it is possible that agricultural chemicals, such as pesticides, herbicides and fertilizers, were used on site. Soils on-site and groundwater beneath the site could have potentially be contaminated with agricultural chemicals, which could be released into the environment during construction.

A subsurface investigation of the soil on-site concluded that there are residual chlorinated pesticides on-site. The contaminates are, however, in concentrations below the RWQCB ESL residential threshold.

The probability of encountering groundwater is low due to the depth of excavation for utilities relative to the depth of shallow groundwater on-site. In addition, there are no recorded releases of off-site contaminants upgradient of the project site which could have resulted in contaminated groundwater migrating onto the project site.

In addition, dust control measures would be implemented during all applicable phases of construction (refer to Section 4.3, Air Quality of this Initial Study). For these reasons, adjacent land uses and construction workers would not be exposed to contaminated soils and/or groundwater. **(Less Than Significant Impact)**

Asbestos Containing Materials/Lead-based Paint

The existing office building on-site contains ACMs and may contain LBP due to the age of the building. Because the project proposes to demolish the existing structure, an in-depth asbestos survey must be completed under National Emission Standards for Hazardous Air Pollutants (NESHAP)

guidelines. In addition, NESHAP guidelines require that all potentially friable ACMs be removed prior to building demolition or renovation that may disturb the ACMs.

Demolition of the existing building on the project site could expose construction workers to harmful levels of ACMs or lead.

The project would be required to conform to the following regulatory programs and to implement the following measures to reduce impacts construction works as a condition of project approval, due to the presence of ACMs and/or LBP, to a less than significant level.

Conditions of Approval

- 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 LBP.
- Prior to demolition activities, all building materials containing LBP shall be removed in accordance with Cal/OSHA Lead in Construction Standard, Title 8, California Code of Regulations 1532.1, 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 National Emissions Standards for Hazardous Air Pollutants (NESHAP) 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 BAAQMD regulations. Removal of materials containing more than one percent asbestos shall be completed in accordance with BAAQMD requirements.

Conformance with the aforementioned regulatory requirements would ensure project construction would not create a significant hazard to the public or the environment from accident conditions involving the release of hazardous materials (i.e., asbestos and lead) into the environment. **(Less Than Significant Impact)**

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 Scott Lane Preschool located at 1925 Scott Boulevard, approximately one-quarter mile northwest of the project site. As discussed under Impact-HAZ-2, the project applicant will implement mitigation measures MM HAZ-2.1 through MM HAZ-2.4 and

ACM/LBP conditions to ensure proper handling of soil and prevent the release of hazardous wastes into the environment. The project would also implement conditions of approval and mitigation measure MM AIR-1.1 to reduce emissions of construction criteria pollutants and TACs. Given the distance the site from the nearest school and with the implementation of the aforementioned measures, the project would not result in a significant impact, from the project's hazardous wastes or emissions to nearby schools. **(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 and, as a result, would not create a significant hazard to the public or the environment.[65]. The project will implement mitigation measures MM HAZ-2.1 through MM HAZ-2.4 and ACM/LBP conditions to avoid exposure of the public to contaminated soil/groundwater and prevent the release hazardous material release of hazardous materials into the environment. (**No Impact)**

Impact HAZ-5:	The project would be located within an airport land use plan or and would be within two miles of a public airport. 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 site is 1.3 miles west of the Norman Y. Mineta San José International Airport. New development within the AIA can be subject to hazards from aircraft and pose hazards to aircraft traveling to and from the airport. The project site is not located within the AIA nor the safety zones designated by the CLUP.

The proposed five-story multi-family residential building would be approximately 60 feet tall at the top of the roof. Since the maximum height of the proposed building is above 45 feet tall, the project applicant would be required to submit the proposed project to the FAA for airspace safety review. With the subsequent FAA issuance of no-hazard determinations, the project would be compatible with aircraft operations and would not result in a significant aircraft safety hazard. **(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

[65] CalEPA. *Cortese List Data Resources*. Accessed December 16, 2021. https://calepa.ca.gov/sitecleanup/corteselist/.

would include construction of a residential development 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 in a developed urban area and it is not adjacent to any wildland areas that would be susceptible to fire. The project site is not located in a fire hazard severity zone (FHSZ). Therefore, implementation of the proposed project would not expose people or structures in the project area to wildland fires. **(No Impact)**

4.9.3 Non-CEQA Effects

Per *California Building Industry Association v. Bay Area Air Quality Management District,* 62 Cal. 4th 369 *(BIA v. BAAQMD)*, effects of the environment on the project are not considered CEQA impacts. The following discussion is included for informational purposes only because the City of Santa Clara has policies that address existing hazards and hazardous materials conditions affecting a proposed project.

The project would comply with the following General Plan policies to reduce hazardous materials effects on future residents of project:

- **Policy 5.10.5-P22:** Regulate development on sites with known or suspected contamination of soil and/or groundwater to ensure that construction workers, the public, future occupants and the environment are adequately protected from hazards associated with contamination, in accordance with applicable regulations.

- **Policy 5.10.5-P23:** Require appropriate clean-up and remediation of contaminated sites.

- **Policy 5.10.5-P25:** Use Best Management Practices to control the transport of hazardous substances to identify appropriate haul routes to minimize community exposure to potential hazards.

Based on the Phase II ESA, past agricultural chemicals used on-site have not impacted the surface and sub-surface soils of the property. Off-site properties listed in regulatory databases were not considered an environmental concern for the site due to factors such as the distance between the listing and project site, the remediation of contaminants of concern; and/or inferred groundwater movement. Therefore, the project would be consistent with Policy 5.10.5-P22, Policy 5.10.5-P23, and Policy 5.10.5-P25 and would not pose a safety risk to future residents.

In addition, a vapor encroachment screening (VES) was completed for the project site. The purpose of a VES is to identify a vapor encroachment condition (VEC), which is defined as the presence or likely presence of chemicals of concern vapors in the subsurface of the site caused by the release of vapors from contaminated soil either on or near the site. Information regarding the potential presence

of releases on or near the project site that were researched as a part of the Phase I ESA process was utilized for the screening. Based on a VES completed, no evidence of VECs were identified at the site. Therefore, the project would comply with all applicable City policies pertaining to hazardous materials.

4.10 HYDROLOGY AND WATER QUALITY

4.10.1 Environmental Setting

4.10.1.1 *Regulatory Framework*

Federal and State

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 Environmental Protection Agency (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.

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) must be filed with the RWQCB by the project sponsor, and a Storm Water Pollution Prevention Plan (SWPPP) must be prepared by a qualified professional prior to commencement of construction and filed with the RWQCB by the project sponsor. 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.[66] 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 be 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.[67] 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. Buildings constructed between 1950 and 1980 that are proposed for demolition must be screened for the presence of PCBs prior to the issuance of a demolition permit.[68]

Water Resources Protection Ordinance and District Well Ordinance

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

[66] MRP Number CAS612008
[67] San Francisco Bay Regional Water Quality Control Board. *Municipal Regional Stormwater Permit, Provision C.12.* November 19, 2015.
[68] City of Santa Clara. "Managing PCBs-Containing Materials During Demolitions, Polychlorinated Biphenyls (PCBs) Screening Assessment Applicant Package". Accessed December 14, 2021. https://www.santaclaraca.gov/home/showdocument?id=64431.

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.

2016 Groundwater Management Plan

This 2016 Groundwater Management Plan (GWMP) describes the Valley Water's comprehensive groundwater management framework, including existing and potential actions to achieve basin sustainability goals and ensure continued sustainable groundwater management. The GWMP covers the Santa Clara and Llagas subbasins, which are located entirely in Santa Clara County. Valley Water manages a diverse water supply portfolio, with sources including groundwater, local surface water, imported water, and recycled water. About half of the county's water supply comes from local sources and the other half comes from imported sources. Imported water includes the District's State Water Project and Central Valley contract supplies and supplies delivered by the San Francisco Public Utilities Commission (SFPUC) to cities in northern Santa Clara County. Local sources include natural groundwater recharge and surface water supplies. A small portion of the county's water supply is recycled water.

Local groundwater resources make up the foundation of the county's water supply, but they need to be augmented by the District's comprehensive water supply management activities to reliably meet the county's needs. These include the managed recharge of imported and local surface water and in-lieu recharge through the provision of treated surface water, acquisition of supplemental water supplies, and water conservation and recycling.[69]

Dam Safety

Since August 14, 1929, the State of California has regulated dams to prevent failure, safeguard life, and protect property. The California Water Code entrusts dam safety regulatory power to California Department of Water Resources, Division of Safety of Dams (DSOD). The DSOD provide oversight to the design, construction, and maintenance of over 1,200 jurisdictional sized dams in California.[70]

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.

Construction Dewatering Waste Discharge Requirements

Each of the RWQCBs regulate construction dewatering discharges to storm drains or surface waters within its Region under the NPDES program and Waste Discharge Requirements.

[69] Valley Water. *2016 Groundwater Management Plan, Santa Clara and Llagas Subbasins*. November 2016.
[70] California Department of Water Resources, Division of Safety of Dams. https://water.ca.gov/Programs/All-Programs/Division-of-Safety-of-Dams#:~:text=Since%20August%2014%2C%201929%2C%20the,Safety%20of%20Dams%20(DSOD). Accessed December 14, 2021.

City of Santa Clara 2010 – 2035 General Plan

The Santa Clara 2010-2035 General Plan includes policies that address the supply, demand, and quality of hydrological resources during the planning horizon of the General Plan. The following goals, policies, and actions are applicable to the proposed project:

Policies	Description
5.10.4-P1	Promote water conservation through development standards, building requirements, landscape design guidelines, education, compliance with the State Water Conservation Landscaping Ordinance, incentives, and other applicable City-wide policies and programs.
5.10.4-P4	Require an adequate water supply and water quality for all new development.
5.10.4-P6	Maximize the use of recycled water for construction, maintenance, irrigation and other appropriate application.
5.10.4-P7	Require installation of native and low-water-consumption plant species when landscaping new development and public spaces to reduce water usage.
5.10.4-P12	Encourage diversion of run-off from downspouts, and replacement of hardscapes to landscaped areas and permeable surfaces.

4.10.1.2 *Existing Conditions*

Storm Drainage System

The City of Santa Clara owns and maintains the storm drainage system which serves the project site. There is no overland release of stormwater directly into any creek from the project site; all stormwater enters the San Tomas Aquino Creek through the existing stormwater drainage system.

Under existing conditions, the project site is approximately 74 percent impervious (i.e., the site consists of approximately 45,732 square feet of impervious surfaces). There are existing storm drain lines that run along Civic Center Drive and Lincoln Street.

Based on the Valley Water Storm Drain Catchment Map for the City of Santa Clara, the project site drains into a vegetated channel and is located in subwatersheds greater than or equal to 65 percent impervious. [71,72] As a result, the project is not subject to the NPDES hydromodification requirements.

Groundwater

Groundwater depth in the project area ranges from 7.5 feet bgs to 12 feet bgs.[73] Groundwater levels will typically fluctuate seasonally depending on the variations in rainfall, irrigation from landscaping, and other factors.

[71] Valley Water. HMP Storm Drain Catchments. Accessed December 14, 2021.https://data-valleywater.opendata.arcgis.com/datasets/hmp-storm-drain-catchments/explore?location=37.354926%2C-121.956076%2C17.00.
[72] Santa Clara Valley Urban Runoff Pollution Prevention Program. C.3 Stormwater Handbook, HMP Applicability and Requirements Flow Chart. https://scvurppp.org/pdfs/1516/c3_handbook_2016/Appendix_E.pdf.
[73] Professional Service Industries, Inc. Geotechnical Engineering Report. January 12, 2021.

Flooding

Based on the FEMA FIRMs (Map No. 06085C0227H, dated May 18, 2009), the project site is located in Flood Zone X. Zone X is defined as areas with 0.2 percent chance of flooding annually; areas with one percent chance of flooding annually with average depths of less than one foot or with drainage areas less than one square mile; and areas protected by levees from the one percent annual flood.[74]

Dam Failure

According to the Valley Water dam failure inundation hazard maps, the project site is located within the Lexington Dam failure inundation hazard zone and outside the Anderson Dam failure inundation zone.[75]

Seiches and Tsunamis

A seiche is the oscillation of water in an enclosed body of water such as a lake or the San Francisco Bay. There are no landlocked bodies of water near the project site that would affect the site in the event of a seiche.

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 near the project site that would affect the site in the event of a tsunami.[76]

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?	☐	☐	☒	☐

[74] Federal Emergency Management Agency. "FEMA Flood Map Service Center: Welcome!" Accessed December 14, 2021. https://msc.fema.gov/portal.
[75] Santa Clara Valley Water District. "Local Dams and Reservoirs." Accessed December 14, 2021. https://www.valleywater.org/your-water/local-dams-and-reservoirs.
- Inundation Map of Hypothetical Fair Weather Failure of Lenihan Dam (index map). Sheet 13. November 2019.
[76] California Geological Survey. "Tsunami Hazard Area Map." Accessed December 14, 2021. https://maps.conservation.ca.gov/cgs/informationwarehouse/ts_evacuation/.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
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?	☐	☐	☒	☐

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 Water Quality Impacts

There is the potential for water quality impacts to occur during project construction. In addition to generating dust, litter, oil, and other pollutants that could contaminate runoff from the site, construction activities would increase the potential for erosion and sedimentation by disturbing and exposing underlying soil to the erosive forces of water and wind. Since construction of the proposed project would disturb more than one acre of soil, the project would be required to comply with the NPDES General Permit for Construction Activities. The project would include stormwater quality BMPs such as directing site runoff into bioretention areas and using beneficial landscaping (i.e., minimizing irrigation, pesticides, and fertilizer application). These measures are consistent with the site design, treatment control and source control requirements of the NPDES General Permit.

Conditions of Approval: The proposed project would implement the following BMPs in order to reduce construction-related water quality impacts.

- Burlap bags filled with drain rock shall be installed around storm drains to route sediment and other debris away from the drains.
- Earthmoving or other dust-producing activities shall be suspended during periods of high winds.
- All exposed or disturbed soil surfaces shall be watered at least twice daily to control dust, as necessary.
- Stockpiles of soil or other materials that can be blown by the wind shall be watered or covered.
- All trucks hauling soil, sand, and other loose materials shall be required to cover all trucks or maintain at least two feet of freeboard.
- All paved access roads, parking areas, and staging areas adjacent to the construction sites shall be swept daily (with water sweepers).
- Vegetation in disturbed areas shall be replanted as quickly as possible.
- All unpaved entrances to the site shall be filled with rock to knock mud from truck tires prior to entering City streets. A tire wash system may also be employed at the request of the City.

Implementation of the above conditions of approval would reduce construction-related water quality impacts to less than significant level. **(Less than Significant Impact)**

Post-Construction Water Quality

The existing and proposed square footages of pervious and impervious surfaces for the project site are shown below in Table 4.10-1. Implementation of the project would result in a less than one percent increase in impervious surfaces on-site, compared to existing conditions.

Table 4.10-1: Pervious and Impervious Surfaces On-Site				
Total Site Area: 1.41 acres	Total Site Area Disturbed: 1.41 acres (including clearing, grading, or excavating)			
	Existing Area (ft^2)	**Proposed Area (ft^2)**		**Total Post-Project Area (ft^2)**
		Replaced	**New**	
Impervious Area				
Roof	15,192	15,192	18,816	34,053
Parking/Concrete Surfaces	28,742	10,645	--	10,645
Sidewalks and Streets	1,798	1,798	2,097	3,895
Total Impervious Area	45,732	27,635	20,958	48,593
Total new and replaced impervious area		48,593		
Pervious Area				
Landscaping	15,678	--	--	12,817
Total Pervious Area	15,678	--	--	12,817

Because the proposed project would replace more than 10,000 square feet of impervious surfaces, the project would be required to comply with the provisions of the NPDES MRP. Plans would be certified by engineers to ensure incorporation of appropriate and effective source control measures to meet LID requirements to prevent discharge of pollutants, reduce impervious surfaces, retain a percentage of runoff on-site for percolation, and treatment control measures to remove pollutants from runoff entering the storm drainage system. Stormwater runoff on-site would flow to bio-treatment areas and would be collected via on-site catch basins. Stormwater would be treated, then directed to the City's stormwater system.

The following measures, based on the RWQCB BMPs and City requirements, are included in the proposed project as a condition of project approval to ensure compliance with NPDES permit requirements to reduce post-construction water quality impacts.

Conditions of Approval: The project applicant shall implement the following measures to reduce the project's impact on post-construction water quality:

- When the construction phase is complete, a Notice of Termination (NOT) for the General Permit for Construction will be filed with the RWQCB and the City of Santa Clara. The NOT shall document that all elements of the SWPPP have been executed, construction materials and waste have been properly disposed of, and a post-construction stormwater management plan is in place as described in the SWPPP for the project site.

- All post-construction Treatment Control Measures (TCMs) shall be installed, operated, and maintained by qualified personnel. On-site inlets will be cleaned out at a minimum of once per year, prior to the wet season.

- The property owner/site manager shall keep a maintenance and inspection schedule and record to ensure the TCMs continue to operate effectively for the life of the project. Copies of the schedule and record must be provided to the City upon request and must be made available for inspection on-site at all times.

The City will review the project's Stormwater Control Plan (SWCP) to ensure that the project would not exceed the capacity of the local drainage system and ensure compliance with the NPDES permit requirements to reduce post-construction water quality impacts. Therefore, installation and maintenance of the proposed stormwater treatment systems would result in a less than significant impact on water quality. **(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)**

The highest depth to groundwater expected at the project site is approximately 7.5 feet bgs. The maximum depth of excavation proposed is seven feet bgs for the installation of utilities and building foundations. Any dewatering required for excavation and construction activities would comply with the City of Santa Clara's requirements for the discharge of groundwater and any applicable RWQCB procedures for discharges. Development of the proposed project would include trenching/grading for utilities but would not have any substantial excavations. The project site is not an aquifer recharge facility (i.e., streams or ponds). 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 a result, the project would not substantially increase erosion or increase the rate or amount of stormwater runoff. **(Less than Significant Impact)**

Under existing conditions, the storm drainage system has sufficient capacity to convey runoff from the site. Implementation of the project would result in a less than one percent increase in impervious

surfaces compared to existing conditions, which would not substantially increase stormwater runoff. In addition, the project would be required to comply with the NPDES MRP requirements which would reduce the total volume of stormwater exiting the site; therefore, runoff from the project site would not exceed the capacity of the local drainage system. With the implementation of the conditions of approval to reduce construction-related water quality impacts discussed in the response to Impact HYD-1 and compliance with the post-construction NPDES MRP requirements to reduce or prevent discharge of pollutants from stormwater runoff, the project would not provide substantial additional sources of polluted runoff to the City's storm drainage system. The project site is not in a flood hazard area, and, therefore, the project would not impede or redirect flood flows. **(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 located within Flood Zone X and is not located in a flood hazard area. The project site is not subject to inundation by tsunami or seiche; therefore, there would be no risk of release of pollutants at the project site due to floods, tsunamis, or seiches.

The project site is within the Lexington Dam failure inundation hazard zone and outside the Anderson Dam failure inundation zone. As discussed in Section 4.10.1, as a 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, which reduces the risk of dam failure. Given the project would implement mitigation measures MM HAZ-2.1 through MM HAZ-2.4 and conditions of approval to avoid the release of contaminants and the low risk of dam failure, the project would not result in a significant release of pollutants in the environment from inundation. **(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)**

The proposed project would implement the BMPs, and conditions of project approval identified under Impact HYD-1, the NPDES General Construction Permit requirements, and the Santa Clara Valley Nonpoint Source Pollution Control Program, Santa Clara Valley Urban Runoff Pollution Prevention Program, and the Urban Runoff Management Plan requirements. Therefore, the proposed project would not conflict or obstruct implementation of a water quality control 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 Comprehensive Land Use Plan

The project site is not located within the AIA, as defined by the Airport's CLUP, adopted by the Santa Clara County ALUC on May 25, 2011 and amended Nov. 16, 2016. 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.

Local

Santa Clara General Plan

The City of Santa Clara adopted its comprehensive 2010-2035 General Plan in November 2010, and amended it in December 2014. The General Plan policies applicable to land use include, but are not limited to, the following:

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.
5.3.1-P13	Support high density and intensity development within a quarter-mile of transit hubs and stations and along transit corridors.
5.3.2-P1	Encourage the annual construction of the housing units necessary to meet the City's regional housing needs assessment by reducing constraints to housing finance and development.
Residential	
5.3.2-G3	Affordable housing units dispersed throughout the City to avoid a concentration in any one neighborhood.
5.3.2-P2	Encourage higher-density residential development in transit and mixed-use areas and in other locations throughout the City where appropriate.
5.3.2-P3	Encourage below-grade parking and parking structures for development in Medium Density and High Density designations.
5.3.2-P6	Provide adequate choices for housing tenure, type and location, including higher density, and affordability for low- and moderate-income and special needs household.
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.

Zoning Code

The intent of the Zoning Code (Title 18 of the City Code) is to encourage development of various kinds of living, working and commercial activities in specific areas as defined in general in the General Plan and to segregate and protect the activities of these areas one from another 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.
- To preserve landmarks which reflect the City's historical, architectural, cultural and aesthetic traditions and promote a sense of community identity and historic perspective.

4.11.1.2 *Existing Conditions*

The approximately 1.4-acre site is located at 1601 Civic Center Drive (Assessor's Parcel Number 224-49-006) in the City of Santa Clara (see Figure 3.2-1 through Figure 3.2-3). The project site has a General Plan land use designation of Community Commercial and is zoned OG - General Office. The Community Commercial designation allows for development of uses such as shopping centers, offices, and neighborhood serving retail with a maximum FAR of 0.50. The site's existing OG – General Office zoning is intended for office, clinic, lodge, mortuary, instruction facility, preschool and restaurant uses.

The project site is bounded by Lincoln Street and City Hall to the east, Civic Center Drive and commercial uses to the south, single-family residences to the west, and a church to the north. The project site contains a vacant two-story office building, a surface parking lot, and landscaping.

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 area includes a mix of residential, office, commercial, and public and quasi-public (parks and church uses). Examples of projects that have the potential to physically divide an established community include new freeways and highways, major arterial streets, and railroad lines. The project, which proposes to construct a five-story multi-family building, would not include the construction of dividing infrastructure. The project site is located in an area with similar uses and

patterns of development and, therefore, implementation of the project would not physically 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)**

General Plan

The project proposes to construct up 108-unit multi-family/affordable building with a residential density of approximately 76 residential units per acre with 82 parking spaces. The current Community Commercial General Plan land use designation only allows for commercial uses. As a result, the project proposes a General Plan Amendment to change the land use designation to High-Density Residential.

The proposed High-Density Residential General Plan land use designation is intended for development of mid-rise buildings ranging in density of 37 to 50 units per acre. Given the proposed project would be 100 percent affordable housing, the project qualifies for a State Density Bonus which would allow for a density of up to 90 dwelling units per acre. As discussed in Section 4.11.1, the project would be consistent with General Plan Policy 5.3.2-G3 which encourages the development of affordable housing to be dispersed throughout the City. The project is also consistent with General Plan Policy 5.3.2-P2, which encourages higher-density residential development in transit and mixed-use areas and in other locations throughout the City. With approval of the General Plan Amendment, the project would be consistent with High Density Residential General Plan requirements and would not conflict with any applicable land use plan. **(Less Than Significant Impact)**

Zoning

The site's existing OG – General Office zoning is intended for office and restaurant uses, but the zoning is not applicable to the specific development currently proposed for the project site. Therefore, the project proposes to rezone the site to Planned Development which would allow development of the proposed project. With approval of the rezoning, the project would not conflict with any applicable zoning regulations. **(Less Than Significant Impact)**

Land Use Conflicts

Land use conflicts can arise from a new development or land use that would cause impacts to persons or the physical environment in the vicinity of the project site or elsewhere. Potential incompatibility may arise from placing a particular development or land use at an inappropriate location, or from some aspect of the project's design or scope. Depending on the nature of the impact and its severity, land use compatibility conflicts can range from minor irritations and nuisance to potentially significant effects on human health and safety.

The project is surrounded by church, residential, commercial, City Hall and office uses. The project's conformance with various City policies adopted for the purpose of avoiding or mitigating an

environmental effect is discussed in various other sections of this Initial Study (e.g., Air Quality, Noise, and Hazards and Hazardous Materials, etc.). There are no additional policies pertaining specifically to land use and planning that were adopted for the purpose of avoiding or mitigating an environmental effect, therefore, the project would not create a significant environmental impact or create a conflict with any plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. **(Less than Significant Impact)**

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, which classifies an area where adequate information indicates that no significant mineral deposits are present. The area is not known to support significant resources of any other type. No mineral resources are currently being extracted in the City. The State Office of Mine Reclamation's list of mines (the AB 3098 List) regulated under the Surface Mining and Reclamation Act (SMARA) does not include any mines within the City.[77]

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 would 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?	☐	☐	☐	☒

[77] City of Santa Clara. 2010-2035 General Plan Integrated Final EIR. January 2011.

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)**

As stated above, the proposed project is located in an area where no mineral resources exist or are expected to be encountered. Therefore, the proposed project would not impact the availability of a known mineral resource that would be of value to the region and residents of the state. **(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)**

As stated above, the proposed project is located in an area where no mineral resources exist or are expected to be encountered. Therefore, the proposed project would not impact the availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan. **(No Impact)**

4.13 NOISE AND VIBRATION

This discussion is in part based upon a Noise and Vibration assessment prepared by Illingworth & Rodkin, Inc. in December 2021. The assessment is attached to Appendix E of this Initial Study.

4.13.1 Environmental Setting

4.13.1.1 *Background Information*

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.[78] 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.

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.

[78] 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}.

4.13.1.2 *Regulatory Framework*

Federal and State

Federal Transit Administration Vibration Limits

The US Department of Transportation Federal Transit Administration (FTA) has developed vibration impact assessment criteria for evaluating vibration impacts associated with transit projects. FTA has vibration impact criteria based on maximum overall levels for a single event. The impact criteria for groundborne vibration are shown in Table 4.13-1, below. As summarized in Table 4.13-1, there are criteria for frequent events (more than 70 events of the same source per day), occasional events (30 to 70 vibration events of the same source per day), and infrequent events (less than 30 vibration events of the same source per day).

Table 4.13-1: Groundborne Vibration Impact Criteria

Land Use Category	**Groundborne Vibration Impact Levels** (VdB re 1 µinch/sec, RMS)		
	Frequent Events[1]	**Occasional Events**[2]	**Infrequent Events**[3]
Category 1 – Buildings where vibration would interfere with interior operations.	65 VdB[4]	65 VdB[4]	65 VdB[4]
Category 2 – Residences and buildings where people normally sleep.	72 VdB	75 VdB	80 VdB
Category 3 – Institutional land uses with primarily daytime use.	75 VdB	78 VdB	83 VdB

Notes: VdB re 1 µinch/sec, RMS = Root-mean-square vibration velocity in vibration decibel relative to 1 micro-inch per second

[1] "Frequent Events" is defined as more than 70 vibration events of the same source per day. Most rapid transit projects fall into this category.

[2] "Occasional Events" is defined as between 30 and 70 vibration events of the same source per day. Most commuter trunk lines have this many operations.

[3] "Infrequent Events" is defined as fewer than 30 vibration events of the same kind per day. This category includes most commuter rail branch lines.

[4] This criterion limit is based on levels that are acceptable for most moderately sensitive equipment such as optical microscopes. Vibration sensitive manufacturing or research should always require detailed evaluation to define the acceptable vibration levels. Ensuring low vibration levels in a building requires special design of HVAC systems and stiffened floors.

California Building Code, Title 24, Part 2

The State Building Code, Title 24, Part 2 of the State of California Code of Regulations establishes uniform minimum noise insulation performance standards to protect persons within new buildings which house people, including hotels, motels, dormitories, apartments, and dwellings other than

single-family dwellings. Title 24 mandates that interior noise levels attributable to exterior sources shall not exceed 45 dBA DNL or CNEL[79] in any habitable room.

California Green Building Standards Code

The state established exterior sound transmission control standards for non-residential buildings as set forth in the California Green Building Standards Code, Section 5.507.4.1 and 5.507.4.2. CALGreen requires that wall and roof-ceiling assemblies exposed to the adjacent roadways have a composite Sound Transmission Class (STC) rating of at least 50 or a composite Outdoor-Indoor Transmission Class (OITC) rating of no less than 40. Exterior windows must have a minimum STC of 40 or OITC of 30 when the commercial property falls within the 65 dBA DNL noise contour for a freeway or expressway, railroad, industrial source or fixed-guideway noise source, as determined by the local general plan noise element.

Local

Santa Clara General Plan

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

Policies	Description
5.10.6-P1	Review all land use and development proposals for consistency with the General Plan compatibility standards and acceptable noise exposure levels. Residential land uses are considered compatible in noise environments of 55 dBA CNEL or less, where the exterior noise levels are greater than 55 dBA CNEL and less than 70 dBA CNEL, the design of the project should include measures to reduce noise levels to acceptable levels. Noise levels exceeding 70 dBA CNEL at residential land uses are considered incompatible. Residential land uses proposed in noise environments exceeding 70 dBA CNEL should generally be avoided, except when the residential use is entirely indoors and where interior noise levels can be maintained at 45 dBA CNEL or less. Commercial land uses are considered compatible in noise environments of 65 dBA CNEL or less.
5.10.6-P2	Incorporate noise attenuation measures for all projects that have noise exposure levels greater than General Plan "normally acceptable" levels (as defined above).
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.

[79] Title 24 states that the determination of whether to apply DNL or CNEL should be consistent with the metric used in the noise element of the local general plan.

City Code

The City Code establishes noise and vibration level performance standards for fixed sources. Section 9.10.040 of the City Code limits noise levels at residences to 55 dBA during daytime hours (7:00 AM to 10:00 PM) and 50 dBA at night (10:00 PM to 7:00 AM), noise levels at commercial uses to 65 dBA during daytime hours and 60 dBA during nighttime hours, and noise levels at light industrial uses to 70 dBA at any time. The noise limits are not applicable to emergency work, licensed outdoor events, City-owned electric, water, and sewer utility system facilities, construction activities occurring within allowable hours, permitted fireworks displays, or permitted heliports. The City Code does not define the acoustical time descriptor such as L_{eq} (the average noise level) or L_{max} (the maximum instantaneous noise level) that is associated with the above limits. A reasonable interpretation of the City Code would identify the ambient base noise level criteria as an average or median noise level (L_{eq}/L_{50}).

Section 9.10.230 of the City Code states construction activities are not permitted within 300 feet of residentially zoned property except within the hours of 7:00 AM and 6:00 PM on weekdays and 9:00 AM and 6:00 PM on Saturdays. No construction is permitted on Sundays or holidays.

Section 9.10.050 of the City Code states "It shall be unlawful for any person to operate or cause, permit, or allow the operation of, any fixed source of vibration of disturbing, excessive, or offensive vibration on property owned, leased, occupied, or otherwise controlled by such person, such that the vibration originating from such source is above the vibration perception threshold of an individual at the closest property line point to the vibration source on the real property affected by the vibration."

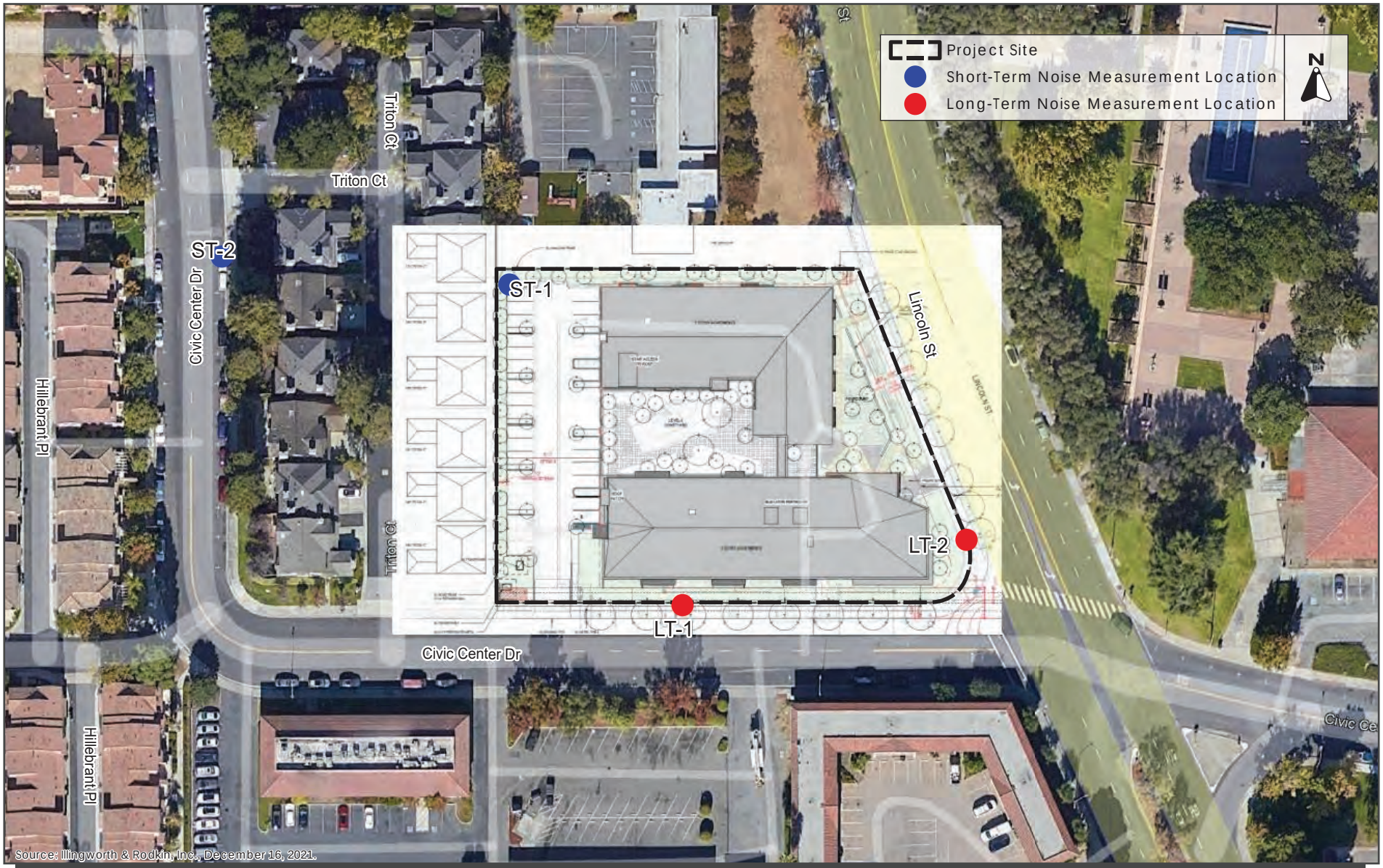
4.13.1.3 *Existing Conditions*

The project site is located northwest of the Civic Center Drive and Lincoln Street intersection in the City of Santa Clara. The project site is occupied by a vacant office building. The site is bounded by Civic Center Drive and commercial/hotel and office uses to the south, Lincoln Street and City Hall to the east, a church to the north, and single-family residences to the west.

The noise environment at the site and in the surrounding areas results primarily from vehicular traffic along Civic Center Drive and Lincoln Street. State Route 82/El Camino Real and aircraft associated with Mineta San José International Airport also contribute to the noise environment.

A noise monitoring survey, which included one long-term and two short-term noise measurements, occurred at the site from Wednesday September 29, 2021, to Friday October 1, 2021. Additionally, a second long-term measurement occurred at the site from Friday November 19, 2021, to Wednesday November 24, 2021. All measurement locations are shown in Figure 4.13-1.

Long-term noise measurement LT-1 was collected approximately 30 feet from the centerline of Civic Center Drive and approximately 255 feet from the centerline of Lincoln Street. Hourly average noise levels at LT-1 typically ranged from 51 to 58 dBA L_{eq} during the day and from 45 to 55 dBA L_{eq} at night. The average community noise equivalent level (CNEL) for 24-hour periods occurring between Wednesday September 29, 2021, and Friday October 1, 2021, was 58 dBA CNEL.



NOISE MEASUREMENT LOCATIONS | FIGURE 4.13-1

Long-term measurement LT-2 was collected approximately 40 feet from the centerline of Lincoln Street and approximately 75 feet from the centerline of Civic Center Drive. Hourly average noise levels at LT-2 typically ranged from 55 to 61 dBA L_{eq} during the day and from 48 to 59 dBA L_{eq} at night on weekdays. On weekends, typical hourly average noise levels ranged from 55 to 60 dBA L_{eq} during the day and from 47 to 58 dBA L_{eq} at night. The average CNEL was 62 dBA on weekdays and ranged from 60 to 61 dBA on weekends.

Both short-term noise measurements were collected on Wednesday September 29, 2021, in 10-minute intervals between 11:40 AM. and 11:50 AM. Short-term measurement ST-1 was collected in the northwestern corner of the project site, approximately 245 feet north of the centerline of Civic Center Drive and approximately 285 feet west of the centerline of Lincoln Street. During this measurement, 14 passenger cars drove by along Lincoln Street, generating noise levels at ST-1 ranging from 45 to 50 dBA. Additionally, a nearby slammed car door generated noise levels up to 62 dBA. The 10-minute average noise level at ST-1 was 45 dBA L_{eq} (10-min).

Short-term measurement ST-2 was collected along the sidewalk at the backyard equivalent location of 1690 Triton Court, approximately 20 feet from the centerline of Civic Center Drive. Vehicles along Civic Center Drive during this 10-minute period generated noise levels of 48 to 50 dBA, and a scooter generated noise levels up to 61 dBA. The maximum noise level of 74 dBA was due to a barking dog. The 10-minute average noise level at ST-2 was 54 dBA L_{eq} (10-min).

Table 4.13-2 summarizes the results of the 10-minute noise measurements made at ST-1 and ST-2. Figure 4.13-1 shows the locations of the short-term and long-term measurements collected at the site and surrounding area.

Table 4.13-2: Short-term Measurement Locations

Noise Measurement Location (Date, Time)	L_{max}	$L_{(01)}$	$L_{(10)}$	$L_{(50)}$	$L_{(90)}$	$L_{eq(10)}$
ST-1: Northwest corner of project site (September 29, 2021, 11:40 to 11:50 AM)	62	54	47	43	42	45
ST-2: Backyard equivalent of 1690 Triton Court, approximately 20 feet from the centerline of Civic Center Drive (September 29, 2021, 11:40 to 11:50 AM)	74	67	55	43	40	54

Notes:
L_{max} = The maximum A-weighted noise level during the measurement period.
L_{01}, L_{10}, L_{50}, L_{90} = The A-weighted noise levels that are exceeded one, 10, 50, and 90 percent of the time during the measurement period.
L_{eq} (10) = The average A-weighted noise level during the 10-minute interval.

Norman Y. Mineta San José International Airport is a public-use airport located approximately 1.3 miles east of the project site. Aircraft were observed to produce noise levels of 48 to 55 dBA in the project vicinity as well.

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?	☐	☐	☒	☐

Significance Criteria

The following criteria were used to evaluate the significance of environmental noise resulting from the project:

- A significant noise impact would be identified if the project would generate a substantial temporary or permanent noise level increase over ambient noise levels at existing noise-sensitive receptors surrounding the project site and that would exceed applicable noise standards presented in the General Plan or Municipal Code at existing noise-sensitive receptors surrounding the project site.
    - Hourly average noise levels during construction that would exceed 60 dBA L_{eq} at residential land uses or exceed 70 dBA L_{eq} at commercial land uses and exceed the ambient noise environment by at least 5 dBA L_{eq} for a period of more than one year would constitute a significant temporary noise increase in the project vicinity.
    - A significant permanent noise level increase would occur if project-generated traffic generated by the project or project improvements/operations would substantially increase noise levels at sensitive receivers in the vicinity. A substantial increase would occur if: a) the noise level increase is five (5) dBA CNEL or greater, with a future noise level of less than the "normally acceptable" standard, or b) the noise level increase is three (3) dBA CNEL or greater, with a future noise level equal to or greater than the "normally acceptable" standard.
    - A significant noise impact would be identified if the project would expose persons to or generate noise levels that would exceed applicable noise standards described in the General Plan or City Code.

- A significant impact would be identified if the construction of the project would generate excessive vibration levels surrounding receptors. Groundborne vibration levels exceeding 0.3 in/sec PPV would have the potential to result in cosmetic damage to normal buildings.

- A significant noise impact would be identified if the project would expose people residing or working in the project area to excessive aircraft noise levels.

Impact NOI-1:	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)**

Construction Noise

Noise impacts resulting from construction depend upon the noise generated by various types of construction equipment, the timing and duration of noise-generating activities, and the distance between construction noise sources and noise-sensitive areas. Construction noise impacts primarily result when construction activities occur during noise-sensitive times of the day (e.g., early morning, evening, or nighttime hours), the construction occurs in areas immediately adjoining noise-sensitive land uses, or when construction lasts over extended periods of time.

The City Code limits construction activities (including the loading and unloading of materials and truck movements) within 300 feet of residentially zoned properties to the hours of 7:00 AM to 6:00 PM on weekdays and between the hours of 9:00 AM and 6:00 PM on Saturdays. No construction is permitted on Sundays or holidays.

While noise thresholds for temporary construction are not provided in the City's General Plan or Municipal Code, the Federal Transit Administration (FTA) includes daytime construction noise limits in the *Transit Noise and Vibration Impact Assessment Manual* from 2018. During daytime hours, an exterior threshold of 90 dBA L_{eq} shall be enforced at residential land uses and 100 dBA L_{eq} at commercial and industrial land uses. Therefore, the temporary construction noise impact would be considered significant if project construction activities produced noise levels exceeding 90 dBA L_{eq} at residential land uses or 100 dBA L_{eq} at commercial land uses surrounding the site.

Construction activities generate considerable amounts of noise, especially during earth-moving activities when heavy equipment is used. The typical range of maximum instantaneous noise levels for the proposed project would be 70 to 90 dBA L_{max} at a distance of 50 feet. Table 4.13-3 shows typical hourly average construction-generated noise levels measured at a distance of 50 feet from the center of the site during busy construction periods (e.g., earth moving equipment, impact tools, etc.). As shown in Table 4.13-3, typical residential buildings generate construction noise levels ranging from 72 to 88 dBA L_{eq} at a distance of 50 feet from the center of the active site. Construction-generated noise levels drop off at a rate of about six dBA per doubling of the distance between the source and receptor. Shielding by buildings or terrain often result in lower construction noise levels at distant receptors; however, for purposes of this assessment, construction noise levels are estimated assuming no attenuation due to intervening buildings or structures.

Table 4.13-3: Typical Ranges of Construction Noise at 50 feet, L_{eq} (dBA)								
	Domestic Housing		**Office Building, Hotel, Hospital, School, Public Works**		**Industrial Parking Garage, Religious Amusement and Recreations, Store, Service Station**		**Public Works Roads and Highways, Sewers, and Trenches**	
	I	**II**	**I**	**II**	**I**	**II**	**I**	**II**
Ground Clearing	83	83	84	84	84	83	84	84
Excavation	88	75	89	79	89	71	88	78
Foundations	81	81	78	78	77	77	88	88
Building Construction	81	65	87	75	84	72	79	78
Finishing	88	72	89	75	89	74	84	84

I – All pertinent equipment present at the site.
II – Minimum required equipment present at the site.
Source: Illingworth & Rodkin, Inc. Civic Center Family Housing Noise and Vibration Assessment. December 3, 2021.

Construction for the proposed project would have a duration of approximately 18 months. Construction activities for the proposed project would be completed in phases. During each phase of construction, there would be a different mix of equipment operating, and noise levels would vary by phase and vary within phases, based on the amount of equipment in operation and the location at which the equipment is operating. For the purposes of this assessment and to provide a conservative estimate, it is assumed that all pieces of equipment would operate simultaneously for each phase.

Based on the hourly average noise levels calculated with Federal Highway Administration's (FHWA's) Roadway Construction Noise Model (RCNM), construction noise levels for each construction phase were assumed to be at the center of the project site, which represents the geometrical center of the active construction site, to the property lines of the receiving land uses surrounding the site.

The estimated construction noise levels would not exceed 90 dBA L_{eq} at the adjacent residences or church or 100 dBA L_{eq} at the adjacent commercial properties. The maximum noise levels estimated at the residences to the west and church to the north during construction would be approximately 80 dBA $L_{eq.}$ The maximum construction noise levels at the City Hall buildings and commercial buildings would be approximately 76 dBA L_{eq} (refer to Table 7 in the noise assessment provided in Appendix E).

Reasonable regulation of the hours of construction, as well as regulation of the arrival and operation of heavy equipment and the delivery of construction materials, are necessary to protect the health and safety of persons, promote the general welfare of the community, and maintain the quality of life. The construction crew shall adhere to the following construction best management practices as a condition of project approval to reduce construction noise levels emanating from the site and reduce disruption and annoyance at existing noise-sensitive receptors in the project vicinity.

Conditions of Approval

The project applicant shall develop a construction noise control plan, including, but not limited to, the following available controls:

- Ensure that excavating, grading and filling activities, and other construction activities (including the loading and unloading of materials and truck movements) within 300 feet of residentially zoned property, including hotel properties, are limited to the hours of 7:00 a.m. to 6:00 p.m. on weekdays and between the hours of 9:00 a.m. and 6:00 p.m. on Saturdays. No construction is permitted on Sundays or holidays.

- Construct temporary noise barriers, where feasible, to screen stationary noise-generating equipment. Temporary noise barrier fences would provide a 5 dBA noise reduction if the noise barrier interrupts the line-of-sight between the noise source and receptor and if the barrier is constructed in a manner that eliminates any cracks or gaps.

- Equip all internal combustion engine-driven equipment with intake and exhaust mufflers that are in good condition and appropriate for the equipment.

- Unnecessary idling of internal combustion engines shall be prohibited.

- Locate stationary noise-generating equipment, such as air compressors or portable power generators, as far as possible from sensitive receptors as feasible. If they must be located near receptors, adequate muffling (with enclosures where feasible and appropriate) shall be used to reduce noise levels at the adjacent sensitive receptors. Any enclosure openings or venting shall face away from sensitive receptors.

- Utilize "quiet" air compressors and other stationary noise sources where technology exists.

- Construction staging areas shall be established at locations that will create the greatest distance between the construction-related noise sources and noise-sensitive receptors nearest the project site during all project construction.

- Locate material stockpiles, as well as maintenance/equipment staging and parking areas, as far as feasible from residential receptors.

- Route construction-related traffic along major roadways and as far as feasible from sensitive receptors.

- Control noise from construction workers' radios to a point where they are not audible at existing residences bordering the project site.

- The contractor shall prepare a detailed construction schedule for major noise-generating construction activities. The construction plan shall include notification to adjacent residential land uses of scheduled construction activities.

- Designate a "disturbance coordinator" who would be responsible for responding to any complaints about construction noise. The disturbance coordinator will determine the cause of the noise complaint (e.g., bad muffler, etc.) and will require that reasonable measures be implemented to correct the problem. Conspicuously post a telephone number for the disturbance coordinator at the construction site and include in it the notice sent to neighbors regarding the construction schedule.

Implementation of the above best management practices would reduce construction noise levels, limit construction hours, and minimize disruption and annoyance. With the implementation of these best management practices, the project would not result in generation of a substantial increase in ambient noise levels in the vicinity of the project or conflict with the City's standards established in the General Plan or City Code. **(Less than Significant Impact)**

Operational/Permanent Noise Impacts

Project-Generated Traffic Noise

Existing ambient noise measurements collected at the project site and vicinity indicate that existing and future ambient noise levels at the noise-sensitive receptors would result in noise levels over 60 dBA CNEL. Therefore, a significant impact would occur if project-generated traffic increased levels by three dBA CNEL or more. For reference, a three dBA CNEL noise increase would be expected if the project would double existing traffic volumes along a roadway.

Based upon trip generation estimates prepared by Hexagon Transportation Consultants, the project would generate 40 trips during the peak AM hour and 42 trips during the peak PM hour. Compared to the 2016 volumes along the surrounding roadways estimated for a previous project,[80] these peak hour trips would result in a one dBA CNEL increase under project conditions. Therefore, the project-generated traffic would not cause a substantial permanent noise increase at the surrounding noise-sensitive receptors in excess of applicable noise standards.

Project-Generated Mechanical Equipment Noise Impacts

Under the City Code, noise generated by fixed sources would be restricted to 55 dBA during daytime hours (7:00 AM to 10:00 PM) and to 50 dBA during nighttime hours (10:00 PM to 7:00 AM) at residentially zoned land uses. At existing commercial land uses, noise would be restricted to 65 dBA during daytime hours and to 60 dBA during nighttime hours.
The roof of the proposed residential building would have solar thermal arrays and photovoltaic arrays, which would not generate measurable noise levels at the property lines of the project site. It is assumed

[80] The 2016 traffic volumes in the area are considered to be pre-pandemic/normal traffic conditions.

that heating, ventilation, and air conditioning systems (HVAC) units would be located on the rooftop, a minimum of 10 feet from the roof's edge.

Typical noise levels produced by residential HVAC units would range from 53 to 63 dBA at three feet from the HVAC unit during operation. These types of units typically cycle on and off continuously during daytime and nighttime hours. Therefore, multiple units clustered in the same general vicinity usually operate simultaneously at any given time. Assuming up to eight units would operate simultaneously at any given time, the estimated combined noise level at three feet would be up to 72 dBA.

The property lines of the nearest single-family residences would be approximately 85 feet from the nearest rooftop equipment. At this distance, the combined noise levels would be up to 43 dBA. The property line of the church to the north would be approximately 35 feet from the nearest rooftop equipment, and at this distance, the combined noise levels would be up to 51 dBA. While this is a sensitive use, the church would not have occupants during nighttime hours. All other nearby sensitive uses would be 100 feet or more from the rooftop equipment and would not be subject to operational noise levels exceeding the City Code noise standards.

Additionally, a transformer pad would be located at the rear of the building on the ground level. Typically, transformers up to 1,000 kilovolt amperes (kVA) generate noise levels up to 64 dB, as measured at one meter (3.28 feet). This would represent a conservative estimate for a building of this size. The nearest receiving residential property line would be approximately 60 feet to the west of the transformer pad. At this distance, transformer noise levels would be up to 38 dBA, which would meet the City's thresholds during daytime and nighttime hours. The nearest commercial property line would be approximately 110 feet south of the transformer pad. At this distance, noise levels generated by the transformer would be up to 33 dBA. For these reasons, the project would not result in generation of a substantial permanent increase in ambient noise levels (from the project's mechanical equipment) in the project vicinity in excess of the City Code noise standards. **(Less than Significant Impact)**

Impact NOI-2:	As mitigated, the project would not result in generation of excessive groundborne vibration or groundborne noise levels. **(Less than Significant Impact with Mitigation Incorporated)**

The construction of the project may generate vibration when heavy equipment or impact tools (e.g., jackhammers, hoe rams) are used. Construction activities would include grading, foundation work, paving, and new building framing and finishing. The project would not implement construction activities that cause excessive vibration, such as impact and vibratory pile driving activities.

For structural damage, Caltrans recommends a vibration limit of 0.5 in/sec PPV for buildings structurally sound and designed to modern engineering standards, 0.3 in/sec PPV for buildings that are found to be structurally sound but where structural damage is a major concern, and a conservative limit of 0.08 in/sec PPV for ancient buildings or buildings that are documented to be structurally weakened. No known historic buildings or buildings that are documented to be structurally weakened are adjacent to the project site. Therefore, groundborne vibration levels less than 0.5 in/sec PPV would not have the potential to result in a significant vibration impact.

Table 4.13-4 shows typical vibration levels that could be expected from construction equipment, as measured at a distance of 25 feet. Project construction activities, such as drilling, the use of jackhammers, rock drills and other high-power or vibratory tools, and rolling stock equipment (tracked vehicles, compactors, etc.), may generate substantial vibration in the immediate vicinity. Jackhammers typically generate vibration levels of 0.035 in/sec PPV and drilling typically generates vibration levels of 0.09 in/sec PPV at a distance of 25 feet. Vibration levels would vary depending on soil conditions, construction methods, and equipment used.

Table 4.13-4: Vibration Source Levels for Construction Equipment							
Equipment		**PPV at 25 ft. (in/sec)**	**Estimated Vibration Levels at Structures Surrounding the Project Site, in/sec PPV**				
			West Residences (10 feet)	**North Church (10 feet)**	**South Commercial (80 feet)**	**South Hotel (65 feet)**	**East Civic Buildings (125 feet)**
Clam shovel drop		0.202	**0.553**	**0.553**	0.056	0.071	0.034
Hydromill (slurry wall)	in soil	0.008	0.022	0.022	0.002	0.003	0.001
	in rock	0.017	0.047	0.047	0.005	0.006	0.003
Vibratory Roller		0.210	**0.575**	**0.575**	0.058	0.073	0.036
Hoe Ram		0.089	0.244	0.244	0.025	0.031	0.015
Large bulldozer		0.089	0.244	0.244	0. 025	0.031	0.015
Caisson drilling		0.089	0.244	0.244	0.025	0.031	0.015
Loaded trucks		0.076	0.208	0.208	0.021	0.027	0.013
Jackhammer		0.035	0.096	0.096	0.010	0.012	0.006
Small bulldozer		0.003	0.008	0.008	0.001	0.001	0.001

Bold = Exceeds vibration threshold.

Source: Transit Noise and Vibration Impact Assessment Manual, Federal Transit Administration, Office of Planning and Environment, U.S. Department of Transportation, September 2018, as modified by Illingworth & Rodkin, Inc., November 2021.

Table 4.13-4 also summarizes the estimated vibration levels at the nearest existing buildings surrounding the project site. Construction vibration levels would depend on the specific location of individual pieces of equipment. Equipment scattered throughout the site would not generate a collective vibration level, but a vibratory roller, for instance, operating near the project site boundary would generate the worst-case vibration levels for the receptor sharing that property line. Further, construction vibration impacts are assessed based on the potential for damage to off-site buildings. Therefore, the distances used to calculate construction vibration levels were estimated under the assumption that each piece of equipment was operating along the nearest boundary of the project site, which would provide a conservative estimate of vibration impacts.

As shown in Table 4.13-4, vibration levels could potentially exceed the conservative 0.5 in/sec PPV at the residences to the west of the site and at the nearest church building to the north of the site.

Cosmetic damage from construction vibration could include hairline cracking in plaster, the opening of old cracks, the loosening of paint or the dislodging of loose objects. Major structural damage could include wide cracking or shifting of foundation or bearing walls. Based on noise and vibration modeling, the project would have in a less than eight percent chance of causing cosmetic damage at a maximum vibration level of 0.6 in/sec PPV during construction. while no minor or major structural damage would result from construction vibration generated by the project, there is a possibility of cosmetic damage at the surrounding buildings. As a result, the project would result in a significant groundborne construction vibration impacts due to excessive vibration levels.

Mitigation Measures: The following mitigation measures would reduce the impacts of project-generated construction vibration to a less than significant level.

MM NOI-2.1: The project applicant or the applicant's contractor shall implement the following measures during construction to reduce construction vibration generated by the project:

- Limit vibration-inducing equipment to the extent feasible.
- Where possible, use of the heavy vibration-generating construction equipment shall be prohibited within 20 feet of the adjacent building to the west and to the north.
- Use a smaller vibratory roller, such as the Caterpillar model CP433E vibratory compactor, when compacting materials within 20 feet of adjacent structures.
- Modify/design or identify alternative construction methods to reduce vibration levels below the limits.
- Alternative methods for breaking up existing pavement, such as a pavement grinder, shall be used instead of dropping heavy objects, within 20 feet of adjacent buildings.

With the implementation of the mitigation measure MM NOI-2.1, the project would not result in excessive construction vibration levels or significant construction vibration impacts. **(Less than Significant with Mitigation Incorporated)**

Impact NOI-3:	The project is within an airport land use plan and is within two miles of a public airport or public use airport. The project would not expose people residing or working in the project area to excessive noise levels. **(Less than Significant Impact)**

Based on the Mineta San José International Airport Master Plan Update Environmental Impact Report,[81] the project site is located outside the 60 dBA CNEL contour line. Aircraft noise would result in exterior noise levels below the City's threshold for residential land uses. Therefore, the proposed project would be compatible with the City's exterior noise standards for aircraft noise and would not expose people residing or working in the project area to excessive noise levels. **(Less than Significant Impact)**

4.13.3 Non-CEQA Effects

Per *California Building Industry Association v. Bay Area Air Quality Management District,* 62 Cal. 4th 369 *(BIA v. BAAQMD)*, effects of the environment on the project are not considered CEQA impacts. The following discussion is included for informational purposes only because the City of Santa Clara has policies that address existing noise conditions affecting a proposed project (refer to General Plan policies listed below):

- **5.10.6-P1**: Review all land use and development proposals for consistency with the General Plan compatibility standards and acceptable noise exposure levels. Residential land uses are considered compatible in noise environments of 55 dBA CNEL or less, where the exterior noise levels are greater than 55 dBA CNEL and less than 70 dBA CNEL, the design of the project should include measures to reduce noise levels to acceptable levels. Noise levels exceeding 70 dBA CNEL at residential land uses are considered incompatible. Residential land uses proposed in noise environments exceeding 70 dBA CNEL should generally be avoided, except when the residential use is entirely indoors and where interior noise levels can be maintained at 45 dBA CNEL or less. Commercial land uses are considered compatible in noise environments of 65 dBA CNEL or less.

- **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).

Based on General Plan Policy 5.10.6-P1, noise levels in outdoor use areas that are affected by transportation noise are required to be maintained at or below 55 dBA CNEL to be considered normally acceptable for residential land uses. Additionally, residential interior noise levels are required to meet the performance standard of 45 dBA CNEL.

[81] City of San José. Integrated Final Environmental Impact Report, Amendment to Norman Y. Mineta San Jose International Airport Master Plan, April 2020.

The future noise environment at the project site would continue to be dominated by traffic along Lincoln Street and other local roadways surrounding the site. As stated in Section 4.13.2, based on the low existing traffic volumes along Civic Center Drive and Lincoln Street, the peak hour trips would result in a one dBA CNEL increase under project conditions. Additionally, a conservative one to two percent increase in traffic volumes each year for the next 20 years was assumed for the traffic volume increase in the project area. With the project trips, the total increase by the year 2040 would be approximately two dBA CNEL at the project site.

Future Exterior Noise Levels

The project would include two outdoor use areas intended for common use: 1) open space with seating located on the ground level adjacent to Lincoln Street; and 2) a Level 2 podium courtyard located on the interior of the site.

The ground level open space would have direct line-of-sight to traffic noise along Lincoln Street, and the center of this open space would be set back approximately 85 feet from the centerline of the roadway. Due to the angle of the proposed buildings, the center of the open space would be partially shielded by the building façades. The future exterior noise levels at the center of the open court would be 60 dBA CNEL, which would exceed the City's 55 dBA CNEL threshold for residential land uses by five dBA.

The podium courtyard located on Level 2 would receive partial shielding via the north and south sections of the residential building and the upper-floor walkways connecting the two building sections. The center of the courtyard would be approximately 215 feet from the center of Lincoln Street. At this distance and assuming partial shielding, future exterior noise levels would be below 55 dBA CNEL.

While the common outdoor use area facing Lincoln Street would exceed the City's exterior noise limits for residential uses, the incorporation of a barrier fence or sound wall would obscure the view of this open area and diminish the aesthetic appeal. Further, the future exterior noise levels at the open space would fall within the City's conditionally acceptable threshold. Since the podium courtyard falls within the City's normally acceptable threshold and the open space falls within the conditionally acceptable threshold, no additional measures are needed to reduce future exterior noise levels at the open space, assuming conditionally acceptable approval is obtained from the City of Santa Clara.

Future Interior Noise Levels

Standard residential construction provides approximately 15 dBA of exterior-to-interior noise reduction, assuming the windows are partially open for ventilation. Standard construction with the windows closed provides approximately 20 to 25 dBA of noise reduction in interior spaces. Where exterior noise levels range from 60 to 65 dBA CNEL, the inclusion of adequate forced-air mechanical ventilation is often the method selected to reduce interior noise levels to acceptable levels by closing the windows to control noise. Where noise levels exceed 65 dBA CNEL, forced-air mechanical ventilation systems and sound-rated construction methods are normally required. Such methods or materials may include a combination of smaller window and door sizes at the building

façade facing the noise source, sound-rated windows and doors, sound rated exterior wall assemblies, and mechanical ventilation so that windows may be kept closed at the occupant's discretion.

Residential units located along the project's eastern building façades would be set back approximately 60 to 105 feet from the centerline of Lincoln Street. At these distances, the units with direct line-of-sight to Lincoln Street would be exposed to future exterior noise levels up to 62 dBA CNEL. Assuming windows to be partially open, future interior noise levels in these units would be up to 47 dBA CNEL.

Units along the southern façade of the southern building would have direct line-of-sight to Civic Center Drive, with setbacks of approximately 50 feet from the centerline. At this distance, the units facing Civic Center Drive would be exposed to future exterior noise levels would of up to 57 dBA CNEL. Assuming windows to be partially open, future interior noise levels in these units would of 42 dBA CNEL.

To meet the interior noise requirements set forth by the State of California of 45 dBA CNEL and General Plan Policy 5.106.-P1 and standards set forth in Policy 5.10.6-P3, which requires new developments to include noise control techniques to reduce noise to acceptable levels, standard construction materials would be sufficient with the incorporation of forced-air mechanical ventilation, as determined by the local building official. This would allow occupants on the project site to keep windows closed to control interior noise and achieve the interior noise standards consistent with City policy.

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.[82] The City of Santa Clara Housing Element and related land use policies were last updated in 2015.

Regional and Local

Plan Bay Area 2050

Plan Bay Area 2050 is a long-range plan for the nine-county San Francisco Bay Area that provides strategies that increase the availability of affordable housing, support a more equitable and efficient economy, improve the transportation network, and enhance the region's environmental resilience. Plan Bay Area 2050 promotes the development of a variety of housing types and densities within identified Priority Development Areas (PDAs). PDAs are areas generally near existing job centers or frequent transit that are locally identified for housing and job growth.[83]

ABAG allocates regional housing needs to each city and county within the San Francisco Bay Area, based on statewide goals. These allocations are designed to lay the foundation for Plan Bay Area 2050's long-term envisioned growth pattern for the region. ABAG also develops a series of forecasts and models to project the growth of population, housing units, and jobs in the Bay Area. ABAG, MTC, and local jurisdiction planning staff created the Forecasting and Modeling Report, which is a technical overview of the of the growth forecasts and land use models upon which Plan Bay Area 2050 is based.

Santa Clara General Plan

General Plan policies related to population and housing that are relevant to the project include the following.

[82] California Department of Housing and Community Development. "Regional Housing Needs Allocation and Housing Elements" Accessed November 15, 2021. http://hcd.ca.gov/community-development/housing-element/index.shtml.

[83] Association of Bay Area Governments and Metropolitan Transportation Commission. *Plan Bay Area 2050*. October 21, 2021. Page 20.

Policy	Description
5.3.2-P1	Encourage the annual construction of the housing units necessary to meet the City's regional housing needs assessment by reducing constraints to housing finance and development.
5.3.2-P2	Encourage higher-density residential development in transit and mixed-use areas and in other locations throughout the City where appropriate.
5.3.2-P6	Provide adequate choices for housing tenure, type and location, including higher density, and affordability for low- and moderate-income and special needs households.

4.14.1.2 *Existing Conditions*

According to the California Department of Finance, the City had a population of approximately 130,746 residents in 127,550 households as of January 2021.[84] Of these residents, approximately 51 percent are employed residents.[85] There are approximately 143,000 jobs in the City (estimated by ABAG for 2020). In 2035, it is estimated that the City will have approximately 154,825 residents, 54,830 households, 154,300 jobs and 72,080 employed residents.[86]

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.[87] 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.[88] 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 existing project site is occupied by a vacant commercial office building and does not contribute to the current permanent resident population of the City.

[84] California Department of Finance. "E-5 City/County Population and Housing Estimates." May 2021. Accessed on November 11, 2021. http://www.dof.ca.gov/Forecasting/Demographics/Estimates/E-5/.
[85] Association of Bay Area Governments. *Plan Bay Area 2040: Projections 2020*. December 2013.
[86] Ibid.
City of Santa Clara. 2010-2035 General Plan. December 2014.
[87] City of Santa Clara 2010-2035 General Plan. December 2014. Appendix 8.12 (Housing Element). Page 8.12-25.
[88] City of Santa Clara 2010-2035 General Plan Final Environmental Impact Report. 2011.

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 site is occupied by a vacant office building and surrounded by existing development. The project proposes to change its current General Plan designation from Community Commercial, which does not allow residential development, to High Density Residential. The current designation would have an approximate range of 90 employees for office to 120 employees for retail and no residents, assuming maximum development.[89] As proposed, the project would construct up to 108 residential units. Assuming 2.64 persons per household, the project would accommodate up to 290 new residents in the City of Santa Clara.[90] Therefore, the project would result in an additional 108 residential units and 285 new residents on-site compared to the allowable development under the existing land use designation. This would be a 0.22 percent increase in the City's population.[91]

The projected growth of the project is evaluated by this Initial Study. Based upon the analysis conducted in 4.3 Utilities and Service Systems and 4.1 Public Services, the project would be adequately served by existing utilities and supported by existing public services.

The project does not involve extension of roads and would connect to existing utilities, would not directly or indirectly impact substantial growth through the construction of public service facilities. **(Less than Significant Impact)**

[89] Existing General Plan designation allows up to 30,500 square feet of commercial space (given the 0.5 FAR). At approximately 3 employees per 1,000 square feet, the office building would have capacity for approximately 91 employees. Retail use assumes one employee per 250 square feet, which equates to approximately 122 employees
[90] United States Census Bureau. City of Santa Clara Selected Housing Characteristics Table. Accessed November 8, 2021. https://data.census.gov/cedsci/table?q=%20Santa%20Clara%20City%20housing&tid=ACSDP1Y2019.DP04&hidePreview=false. 2.64 People per dwelling unit x 108 dwelling units = 285 people
[91] Ibid. Total population on January 1, 2021, was 130,746 people.

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 contains a vacant office building and proposes to construct 108-unit multi-family development. The proposed project would not remove housing from the project site. Therefore, the proposed project would not displace existing people or housing, necessitating the construction of replacement housing elsewhere. **(No Impact)**

4.15 PUBLIC SERVICES

4.15.1 Environmental Setting

4.15.1.1 *Regulatory Framework*

State

Quimby Act and Mitigation Fee Act

The Quimby Act (Government Code Section 66477) was approved by the California legislature to set aside parkland and/or payment of fees due in-lieu of parkland dedication to help mitigate the impacts from new residential developments. This legislation was initiated 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. For projects not involving a subdivision, the Mitigation Fee Act (Government Code Section 66000 et seq.) authorizes cities to impose fee and dedication requirements on new development based on the analysis of a nexus study, including parkland dedications.

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

City of Santa Clara 2010 – 2035 General Plan

The City of Santa Clara 2010-2035 General Plan includes policies and programs to provide public services throughout the City. Applicable General Plan policies include, but are not limited to, the following listed below.

Policies	Description
Parks, Open Space and Recreation	
5.4.3-P3	Provide pedestrian-oriented ground floor uses and a network of parks and public spaces to serve both residential and non-residential development.

Policies	Description
5.9.1-P1	Develop additional parkland in the City so that it is integrated into neighborhoods and meets the standards for size, amenities, and locations to server residents and employees.
5.9.1-P2	Develop new parks to serve the needs of the surrounding community based on the criteria for mini (less than one acre, appropriate for all areas), neighborhood (1-15 acres, appropriate for medium- and high-density residential areas serving individual neighborhoods), and community (over 15 acres, appropriate for medium- and high-density residential areas serving the City as a whole) parks.
5.9.1-P4	Provide connections between private and public open space through publicly accessible trails and pathways and by orienting open spaces to public streets.
5.9.1-P5	Encourage public visibility for all parks, trails and open spaces.
5.9.1-P14	Encourage publicly accessible open space in new development.
5.9.1-P15	Provide opportunities for private maintenance of publicly accessible open space and trails.
5.9.1-P17	Foster site design for new development so that building height and massing do not overshadow new parks and plazas.
5.9.1-P18	Promote open space and recreational facilities in large-scale developments in order to meet a portion of the demand for parks generated by new development.
5.9.1-P20	Promote the continuation of parks per population ratio of 2.4 per 1,000 residents and explore the potential to increase the ratio to 3.0, based on the Parks and Recreation Needs Assessment (Parks Master Plan), referenced in Plan Prerequisite 5.1.1-P24.
Schools and Community Facilities	
5.9.2-P7	Support efforts by school districts to maintain, improve and expand educational facilities and services, to meet the demands of new development.
5.9.2-P8	Cooperate with local school districts in collecting fees for development projects as required by State regulations.
Public Service Policies	
5.9.3-P1	Encourage design techniques that promote public and property safety in new development and public spaces.
5.9.3-P3	Maintain a City-wide average three-minute response time for fire emergency service calls.
5.9.3-P4	Maintain a City-wide average three-minute response time for fire emergency service calls.

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.

City of Santa Clara City Code Chapter 17.35

The purpose of City Code Chapter 17.35 is to help mitigate the impacts of new housing development growth on existing parkland and recreational facilities subject to the provisions of the State of California Quimby Act (Quimby) and/or the California Mitigation Fee Act (MFA). Chapter 17.35 requires new residential developments to provide developed park and recreational land and/or pay a fee in-lieu of parkland dedication, at the City's discretion. The City is meeting the parkland

dedication standard of three acres per 1,000 residents per the Quimby provisions of the City Code and 2.53 acres per 1,000 residents per the MFA provisions of the City Code with regard to neighborhood parks.

4.15.1.2 *Existing Conditions*

Fire Protection

Fire protection services are provided by the City of Santa Clara Fire Department (SCFD). The SCFD operates 10 fire stations. The nearest station to the project site is Station #1 located at 777 Benton Street (approximately 0.6 miles southeast of the project site). Based on the City's General Plan Policy 5.9.3-P4, the SCFD has a three-minute response time goal.

Police Protection

Police protection services are provided by the Santa Clara Police Department (SCPD). There are two police stations: the headquarters located at 601 El Camino Real (approximately 0.6 miles east of the project site) and a substation located at 3992 Rivermark Parkway (approximately 2.8 miles northwest of the project site). Based on the City's General Plan Policy 5.9.3-P3, the SCPD has a three-minute response time goal, which should be attained for 90 percent of emergency calls.

Schools

The project site is located within the Santa Clara Unified School District (SCUSD). The nearest public schools to the project site are Scott Lane Elementary School (approximately 0.3 miles northwest of the project site), Buchser Middle School (approximately 0.9 miles southeast of the project site), and Santa Clara High School (approximately one mile southwest of the project site).

Parks

The Santa Clara Parks and 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 February 2022, 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), 30 neighborhood parks (121.261 acres improved and 9.389 acres unimproved resulting in 130.65 acres), 13 mini parks (2.687 acres improved and 3.189 acres unimproved resulting in 5.876 acres), public open space (16.323 acres improved and 40.08 acres unimproved resulting in 56.403 acres), recreational facilities (23.898 acres improved and excluding the BMX track), recreational trails (7.59 acres improved and 0.20 acres unimproved resulting in 7.79 acres), and joint use facilities (48.588 acres) throughout the City, totaling approximately 265.387 improved acres and 87.788 unimproved 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.

Santa Clara City Code Chapter 17.35 requires new residential developments to provide developed park and recreational land and/or pay a fee in-lieu of parkland dedication, at the City's discretion, and pursuant to the State of California Quimby Act (Quimby) and/or the Mitigation Fee Act (MFA)

to help mitigate the impacts of the new resident demand on existing parkland and recreational facilities. The City is meeting the standard of three acres per 1,000 residents per the Quimby provisions of the City Code and 2.6 acres per 1,000 residents per the MFA provisions of the City Code with regard to neighborhood parks.

The nearest public open space to the project site is Civic Center Park (approximately 260 feet to the southeast). The nearest min parks to the project site are Geof Goodfellow Sesquicentennial Park (approximately 640 feet to the southeast), Fremont Park (0.3 miles to the southeast), and Rotary Park (approximately 0.2 miles to the north). Neighborhood parks within one mile include Warburton Park (approximately 0.7 miles northwest) and Larry J. Marsalli Park (approximately 0.6 miles southeast). San Tomas Aquino Creek Trail also provides recreational opportunities in the project area and is located approximately one-mile northwest of the project 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 (approximately 1.3 miles southwest of the site), Mission Library Family Reading Center (approximately 0.7 miles west of the site), and Northside Branch Library located at 695 Moreland Way (approximately 2.9 miles north of the site).

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, 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, 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 developed with a vacant office building. As proposed, the project would construct a 108-unit residential building. The proposed development would increase the total resident population of the City of Santa Clara by 290 residents (compared to the 90 employees for office and 120 employees retail, respectively, for the current General Plan designation assuming maximum build-out), (see Impact POP-1). The project only slightly exceeds the growth projections of the certified General Plan EIR, which concluded that additional SCFD officers, if needed to serve the build-out of the General Plan, would be housed in existing facilities and no new or expanded facilities would be necessary. Although the project would intensify the use of the site and generate additional residents in the area, the project would not preclude the SCFD from meeting their service goals. Specifically, the proposed project would be constructed in accordance with current building codes and would be required to be maintained in accordance with applicable City policies identified in the General Plan EIR to avoid unsafe building conditions. As a result, no new facilities would be required, and implementation of the project would not result in substantial adverse physical impacts associated with the provision of new or physically altered police facilities. **(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, 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)**

Development in the project area is currently served by SCPD. The project would be constructed in conformance with current codes and the project design would be reviewed by the SCPD to ensure that it incorporates appropriate safety features to minimize criminal activity. The project only slightly exceeds the growth projections of the certified General Plan EIR. Although the project would intensify the use of the site, the project would not preclude the SCPD from meeting their service goals. Specifically, the proposed project would be required to be maintained in accordance with applicable City policies identified in the General Plan EIR to promote public safety. As a result, no new facilities would be required, and implementation of the project would not result in substantial adverse physical impacts associated with the provision of new or physically altered police facilities. **(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, 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. **(Less than Significant Impact)**

The proposed project would increase the City's resident and student population above what was assumed in the General Plan and, as a result, would increase the demand on local school facilities. Based on an average student generation rate of 0.28 per unit for elementary students, 0.12 per unit for middle school students, and 0.16 per unit for high school students, the proposed project would

generate up to 62 new students.[92] Table 4.14-1 summarizes the projected student increase from the project site that would attend nearest schools showing their current capacity and enrollment.

	Table 4.14-1: School Capacity and Enrollment		
School	**Student Increase**	**Existing Capacity[1]**	**Current Enrollment[2]**
Scott Lane Elementary[3]	30	480	369
Buchser Middle School[4]	13	1,294	965
Santa Clara High School[5]	17	1,954	2,030

Source:
[1] Healy, Michal. Director of Facility Development and Planning. Santa Clara Unified School District. Personal Communication. October 17, 2017.
[2] California Department of Education, Data Quest. 2020-2021 Enrollment by Grade. Accessed October 27, 2021. https://dq.cde.ca.gov/dataquest/.
[3] Scott Lane Elementary School's student generation rate for below market rate housing is 0.28 per unit. (0.28 students / unit x 108 units = 30 new students)
[4] Buchser Middle School's student generation rate for below market rate housing is 0.12 per unit. (0.12 students / unit x 108 units = 13 new students)
[5] Santa Clara High School's student generation rate for below market rate housing is 0.16 per unit. (0.16 students / unit x 108 units = 17 new students)

As shown in the table above, Santa Clara High School is operating over capacity. The project would result in an additional 60 students beyond what was assumed in the General Plan. Nevertheless, state law (Government Code Section 65996) specifies an acceptable method of offsetting a project's effect under CEQA on the adequacy of school facilities as the payment of a school impact fee prior to issuance of a building permit. The affected school district(s) are responsible for implementing the specific methods for mitigating school effects under the Government Code, including setting the school impact fee amount consistent with state law. The school impact fees and the school districts' methods of implementing measures specified by Government Code Section 65996 would partially offset project-related increases in student enrollment. Therefore, the proposed project would not create a significant impact through substantial adverse physical impacts associated with the provision of new or physically altered school facilities. **(Less than Significant 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, 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. **(Less than Significant Impact)**

The proposed project would construct up to 108 multi-family residences which would increase the permanent City population by approximately 290 people (see Impact POP-1). The project would incrementally increase the resident demand on existing City parks. Therefore, the proposed project is required to provide approximately 0.73 acres of parkland, to meet the City's minimum standard dedication of 2.63 acres of parkland per 1,000 residents under the MFA provisions or pay fees in-lieu of parkland dedication to reduce the impact on the City's existing parks and provide the necessary

[92] Healy, Michal. Facility Development and Planning Director, Santa Clara Unified School District. Personal Communication. October 28, 2021.

parkland to serve the increased population. The proposed project would not include the construction of a new City park or parkland dedication; the project applicant will pay fees in-lieu of parkland dedication, which will be used by the City to acquire and/or develop new parkland and/or amenities. Therefore, the project would not result in substantial adverse physical impacts associated with the need for or construction of new parks to meet the City's parkland goals. Any future construction of parks and recreational facilities by the City would be subject to environmental review at the time of specific development. **(Less than Significant 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, 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. **(Less than Significant)**

The addition of up to 290 new residents (referenced in the response to Impact PS-1) in the City would increase demand for library facilities. Given the project's location in Santa Clara, the Central Park Library would be able to serve the new development. The Santa Clara General Plan concluded that Central Park Library could serve the anticipated new development along El Camino Real, Homestead Road, Kiely Boulevard, and Stevens Creek Boulevard. Although the proposed project would incrementally increase residential development and population growth above what was anticipated in the General Plan, the proposed project would not require new or expanded library facilities beyond what is already planned in the City to meet service goals. **(Less than Significant Impact)**

4.16 RECREATION

4.16.1 Environmental Setting

4.16.1.1 *Regulatory Framework*

State

Government Code Section 66477 (Quimby Act)

The Quimby Act (included within Government Code Section 66477) was approved by the California legislature to set aside parkland and/or payment of fees due in-lieu of parkland dedication to help mitigate the impacts from new residential developments. This legislation was initiated 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.

Local

City of Santa Clara 2010 – 2035 General Plan

The City of Santa Clara 2010-2035 General Plan includes policies and programs to provide public services throughout the City. Applicable General Plan policies include, but are not limited to, the following listed below.

Policies	Description
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.
5.9.1-P1	Develop additional parkland in the City so that it is integrated into neighborhoods and meets the standards for size, amenities, and location to serve residents and employees.
5.9.1-P2	Develop new parks to serve the needs of the surrounding community based on the criteria for mini (less than one acre, appropriate for all areas), neighborhood (1-15 acres, appropriate for medium- and high-density residential areas serving individual neighborhoods), and community (over 15 acres, appropriate for medium- and high-density residential areas serving the City as a whole) parks.
5.9.1-P4	Provide connections between private and public open space through publicly accessible trails and pathways and by orienting open spaces to public streets.
5.9.1P5	Encourage public visibility for all parks, trails and open spaces.
5.9.1-P14	Encourage publicly accessible open space in new development.
5.9.1-P15	Provide opportunities for private maintenance of publicly accessible open space and trails.
5.9.1-P17	Foster site design for new development so that building height and massing do not overshadow new parks and plazas.
5.9.1-P18	Promote open space and recreational facilities in large-scale developments in order to meet a portion of the demand for parks generated by new development.
5.9.1-P20	Promote the continuation of parks per population ratio of 2.4 per 1,000 residents and explore the potential to increase the ratio to 3.0, based on the Parks and Recreation Needs Assessment (Parks Master Plan), referenced in Plan Prerequisite 5.1.1-P24.

City of Santa Clara City Code Chapter 17.35

Santa Clara City Code Chapter 17.35 requires new residential developments to provide adequate park and recreational land and/or pay a fee in-lieu of parkland dedication, at the discretion of the City, to help mitigate the impacts of housing development growth on existing parkland and recreational facilities, pursuant to the State of California Quimby Act and/or the Mitigation Fee Act.

4.16.1.2 *Existing Conditions*

The Santa Clara Parks and 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 February 2022, the Department maintains and operates Central Park (45.04 acres improved and Central Park North 34.93 acres unimproved, resulting in 79.97 acres), 30 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 5.876 acres), public open space (16.323 acres improved and 40.08 acres unimproved resulting in 56.403 acres), recreational facilities (23.898 acres improved, excluding the BMX track), recreational trails (7.59 acres improved and 0.20 acres unimproved resulting in 7.79 acres), and joint use facilities (48.588 acres) throughout the City totaling approximately 265.387 improved acres and 87.788 unimproved acres. Community parks are over 15 acres, neighborhood parks are one to 15 acres and mini parks are typically less than one acre in size.

Santa Clara City Code Chapter 17.35 requires new residential developments to provide developed park and recreational land and/or pay a fee in-lieu of parkland dedication, at the City's discretion, and pursuant to the Quimby Act and/or the MFA to help mitigate the impacts of the new resident demand on existing parkland and recreational facilities. The City is meeting the standard of three acres per 1,000 residents per the Quimby provisions of the City Code and 2.53 acres per 1,000 residents per the MFA provisions of the City Code with regard to neighborhood parks.

The nearest open space to the project site are Civic Center Park (approximately 260 feet to the southeast), The nearest mini parks are Geof Goodfellow Sesquicentennial Park (approximately 640 feet to the southeast), Fremont Park (0.3 miles to the southeast) and Rotary Park (approximately 0.2 miles to the north). Neighborhood parks within one mile include Warburton Park (approximately 0.7 miles northwest) and Larry J. Marsalli Park (approximately 0.6 miles southeast). San Thomas Aquino Creek Trail also provides recreational opportunities in the project area and is located approximately one mile northwest 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 would occur or be accelerated?	☐	☐	☒	☐

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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. **(Less than Significant Impact)**

The proposed project would construct up to 108 multi-family residences which would increase the population by approximately 290 people (see Impact POP-1). The project would incrementally increase the resident demand on existing City parks. Therefore, the project applicant is required to provide approximately 0.7 acres of parkland, to meet the City's minimum standard dedication of 2.63 acres of parkland per 1,000 residents under the MFA provisions or pay fees in-lieu of parkland dedication to reduce the impact on the City's existing parks. The project applicant will pay fees in-lieu of parkland dedication, which will be used by the City to acquire and/or develop new parkland and/or amenities.

The proposed project would include on-site recreational facilities, such as ping pong tables, a recreational area with synthetic turf, and a dining court and barbeque area. The proposed on-site recreational facilities and the dedication of parkland or payment of in-lieu fees would reduce the project's demand on existing facilities. Therefore, the incremental increase in population would not result in substantial physical deterioration of existing park and recreational facilities. **(Less than Significant Impact)**

Impact REC-2:	The project does not include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment. **(Less than Significant Impact)**

The proposed project would include the construction of on-site recreational facilities (refer to Impact REC-1). The impacts (e.g., construction related water quality impacts, nesting birds, cultural resources, construction-related vibration noise, hazards and hazardous materials) from construction of these facilities would be reduced to less than significant with the implementation of conditions of approval and mitigation measures described throughout this Initial Study. Construction of on-site recreational facilities would not result in an adverse physical effect on the environment.
(Less than Significant Impact)

4.17 TRANSPORTATION

The following discussion is based in part upon a transportation memorandum prepared by Hexagon Transportation Consultants in April 2022. The memorandum is included in Appendix F of this Initial Study.

4.17.1 Environmental Setting

4.17.1.1 *Regulatory Framework*

State and Regional

Senate Bill 743

SB 743 establishes criteria for determining the significance of transportation impacts using a 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 analysis of VMT in determining the significance of transportation impacts. Local jurisdictions were required by Governor's Office of Planning and Research (OPR) to implement a VMT policy by July 1, 2020.

California Governor's Office of Planning and Research Technical Advisory

The California Governor's Office of Planning and Research (OPR) develops technical advice on issues that affect CEQA practice and land use planning. Based on the OPR's Technical Advisory on Evaluating Transportation Impacts, adding affordable housing to infill locations generally improves jobs-housing match, in turn shortening commutes and reducing VMT. Also, it is assumed that low-wage workers in particular would be more likely to choose a residential location close to their workplace if one is available. In general, low-income housing generates less VMT than market-rate housing.

Regional Transportation Plan

The Metropolitan Transportation Commission (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 (RTP), 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 2050 in October 2021, which includes the region's Sustainable Communities Strategy (integrating transportation, land use, and housing to meet GHG reduction targets set by CARB) and RTP (including a regional transportation investment strategy for revenues from federal, state, regional, and local sources over the next 24 years).

Congestion Management Program

The Santa Clara Valley Transportation Authority (VTA) oversees the Congestion Management Program (CMP), which is aimed at reducing regional traffic congestion. The relevant state legislation requires that all 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 level of service (LOS) standards, transit service standards, a trip reduction and transportation demand management, 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.

Local

Santa Clara Transportation Analysis Policy

The City of Santa Clara adopted a VMT Transportation Analysis Policy for environmental review on June 30, 2020. The City of Santa Clara's VMT Policy states that certain projects are presumed to have a less than significant impact based on the state's guidance and do not require a VMT analysis. These include various types of developments such as 100 percent affordable housing projects at infill locations, local-serving public projects, small projects, local-serving retail projects (less than 50,000 square feet or less), and/or transit supportive projects near major transit corridors that meet certain screening criteria.

Santa Clara General Plan

All future development allowed by the proposed GPA shall be in conformance with adopted City plans and policies. General Plan policies applicable to transportation/traffic include, but are not limited to, the following listed below.

Policies	Description
General Mobility and Transportation Policies	
5.8.1-P3	Identify opportunities to connect people to supportive services, public amenities, and transit.
Roadway Network Policies	
5.8.2-P2	Discourage widening of existing roadway or intersection rights-of-way without first considering operational improvements, such as traffic signal modifications, turn-pocket extensions, and intelligent transportation systems.
5.8.2-P3	Encourage undergrounding of utilities and utility equipment within the public right-of-way and site these facilities to provide opportunities for street trees and adequate sidewalks.
5.8.2-P9	Require all new development to provide streets and sidewalks that meet City goals and standards, including new development in employment areas.
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.
5.8.3-P10	Require new development to participate in public/private partnerships to provide new transit options between Santa Clara residences and businesses.
Bicycle and Pedestrian Network Policies	
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-P7	Require new development to provide sidewalks, street trees and lighting on both sides of all streets in accordance with City standards, including new developments in employment areas.
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.

Policies	Description
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.
5.8.4-P13	Promote pedestrian and bicycle safety through "best practices" or design guidelines for sidewalks, bicycle facilities, landscape strips and other buffers, as well as crosswalk design and placement

City of Santa Clara Bicycle Plan

The City of Santa Clara Final Bicycle Plan Update (2018) provides a bikeway planning and design tool, which contains the policy vision, design guidance, and specific recommendations to guide public and private investments in active transportation bicycle facilities and related programs.

City of Santa Clara Pedestrian Master Plan

The Pedestrian Master Plan, approved February 25, 2020, is a forward-looking plan to capture the benefits of walking as the City anticipates growth and redevelopment. The plan establishes methods for safe, comfortable, convenient, active, and implementable goals to improve walkability and establish zones for improved pedestrian development.

4.17.1.2 *Existing Conditions*

Roadway Network

Regional access to the project site is provided by Highway (US) 101, as described below.

- *US 101* is an eight-lane freeway with three mixed-flow lanes and one high-occupancy vehicle (HOV) lane in each direction in the vicinity of the site. It extends north through San Francisco and south through Gilroy. Regional access to the project site is provided via its interchange with Bowers Avenue.

Local access to the site is provided by El Camino Real/SR 82, San Tomas Expressway, Scott Boulevard, Lincoln Street, and Civic Center Drive.

- *El Camino Real/SR 82* is an arterial that runs (generally) north-south from San Francisco to San Jose and parallels US 101 and Interstate (I)-280. In the project area, El Camino Real has an east-west alignment and six travel lanes. The major intersections are controlled by traffic signals in the City of Santa Clara's General Plan, El Camino Real is classified as an arterial. El Camino Real intersects with Lincoln Street, which provides access to the project site.

- *San Tomas Expressway* is a six- to eight-lane, north-south roadway that extends between SR 17 in Campbell and US 101 in the City of Santa Clara. One lane in each direction operates as an HOV lane from 6:00 AM to 9:00 AM and from 3:00 PM to 7:00 PM Monday through Friday.

- *Scott Boulevard* is a four-lane arterial roadway that extends between Lawrence Expressway and Washington Street and intersects with several other arterial roadways in the City including Bowers Avenue, San Tomas Expressway, Monroe Street, and El Camino Real.

- *Lincoln Street* is a north-south, connector roadway that provides a link between Warburton Avenue and Winchester Boulevard. Lincoln Street is a four-lane road north of El Camino Real. From El Camino Real to Homestead Road, Lincoln Street is a two-lane road. Lincoln Street becomes Winchester Boulevard south of Homestead Road. Lincoln Street provides access to the project site.

- *Civic Center Drive* is a two-lane local street, between Lincoln Street and Warburton Avenue that provides driveway access directly to the project site.

Existing Bicycle and Pedestrian Facilities

Bicycle Facilities

Bicycle facilities are comprised of paths (Class I), lanes (Class II), routes (Class III), and separated, protected bike lanes (Class IV). Bicycle paths are paved trails that are separate from roadways. There are bicycle lanes on Warburton Avenue and Monroe Street that connect cyclists from the project site to the surrounding areas. Based on the Santa Clara Bicycle Master Plan Update 2018, Class II bicycle lanes are recommended along Lincoln Street between Warburton Avenue and El Camino Real and along Scott Boulevard for the entire street. A Class III bicycle boulevard is recommended along Lincoln Street south of El Camino Real. Class IV separated bike lanes are recommended along El Camino Real for the entire street.

Pedestrian Facilities

Pedestrian facilities in the project area consist of sidewalks and crosswalks. A continuous network of sidewalks is present along all of the surrounding streets. Crosswalks with pedestrian signal heads are located at all of the signalized intersections in the project area. A high visibility crosswalk and a standard crosswalk are available along the north leg and west leg, respectively, at the Lincoln Street/Civic Center Drive intersection.

Existing Transit Facilities

Existing transit service in the project vicinity is provided by the VTA. A bus stop for the Frequent Route 22 is located 635 feet from the project site on El Camino Real at Lincoln Street. Other routes with bus stops less than 2,000 feet from the project site include Local Routes 21 and 59 and Rapid Route 522. Frequent Route 22 and Rapid Route 22 have 15-minute headways during peak commute hours at a bus stop on El Camino Real and Scott Boulevard (see Figure 4.1-1). The nearest VTA bus services are described in Table 4.17-1.

Table 4.17-1: VTA Bus Service in the Project Area			
Route	**Route Description**	**Location of Nearest Bus Stops**	**Headway (min)**
Frequent Route 22	Palo Alto Transit Center to Eastridge Transit Center	El Camino Real/Lincoln Street	10 to 15 min (peak hours) 30 to 60 min (non-peak hour)
Local Route 21	Stanford Shopping Center to Santa Clara Transit Center	Monroe Street/El Camino Real	30
Local Route 59	Saratoga Avenue and Stevens Creek Boulevard to Baypointe Station	Monroe Street/El Camino Real	30 to 50 min
Rapid Route 522	Palo Alto Transit Center to Eastridge Transit Center	El Camino Real/Scott Boulevard	15 to 30 min
VTA. Routes. Accessed December 15, 2021. https://www.vta.org/go/routes. min = minutes			

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 uses (e.g., farm equipment)?	☐	☐	☒	☐
4) Result in inadequate emergency access?	☐	☐	☒	☐

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 project is consistent with the policies of the City's General Plan to improve sidewalk connectivity and expand pedestrian and transit opportunities. The project's consistency with these policies is described below.

Impacts to Bicycle, Pedestrian, and Transit Facilities

Pedestrian Facilities

Consistent with General Plan Policies 5.8.4-P7 and 5.8.4-P8, the project would construct new 10-foot wide sidewalks along the project frontages on Lincoln Street and Civic Center Drive. The sidewalks would facilitate pedestrian movements between the project site and surrounding points of interest, such as bus stops. In addition to new sidewalks along the project frontages, the project would also construct a publicly accessible courtyard along with pedestrian walkways that would connect to the new sidewalk on Lincoln Street.

In accordance with General Plan Policy 5.8.4-P13 to promote pedestrian safety for sidewalks, the following condition of approval is required for the new sidewalks along Lincoln Street and Civic Center Drive.

Condition of Approval: With the new sidewalks along the project frontages, the project applicant shall build two curb ramps at the northwest corner of the Lincoln Street/Civic Center Drive intersection and built to Americans with Disabilities Act (ADA) standards.

With the implementation of the above condition of approval, the project would improve connectivity and would not conflict a policy or plan addressing pedestrian facilities. **(Less than Significant Impact)**

Bicycle Facilities

The project would provide secure bicycle storage in a bicycle room on the ground level of the northeast corner of the building. The bicycle room would be accessed using the pedestrian walkway from Lincoln Street. The project would also provide bicycle racks in the surface parking lot adjacent to the back entrance of the proposed building.

Since the main entrance of the building would face Lincoln Street, with a publicly accessible courtyard next to the entrance, the following condition of approval shall be implemented.

Condition of Approval: The project applicant shall provide bicycle racks within 200 feet of a building entrance and/or highly visible area.

Based on the City's Bicycle Master Plan Update 2018, the proportion of the City's residents that bicycle to work is about two percent, which equates to one new bicycle trip during the AM and PM peak hours for the proposed project. This demand could be served by the various bicycle facilities in the immediate vicinity of the project site. The increase in bicycle trips by the project would not conflict with existing or planned bicycle facilities in the project area shown in the City's Bicycle Master Plan Update 2018. With the implementation of the above condition of approval, the project would not conflict with a program or policy addressing bicycle facilities. **(Less than Significant Impact)**

Transit Services

Due to the proximity of bus stops to the project site, it is assumed that some residents of the project would utilize the existing transit services. Assuming a commute hour transit mode share of two percent (as recommended by VTA guidelines), the project would generate one new transit rider during the peak hours. Therefore, the new ridership could be accommodated by the existing transit services. The proposed project would not interfere with the construction of planned transit facilities, nor would the project exceed the capacity of the existing system. The project would not conflict with a program plan or policy addressing transit. **(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)**

As discussed in Section 4.17.1, the City of Santa Clara's VMT Policy states that 100 percent affordable housing projects at infill locations are presumed to have a less than significant impact and do not require a VMT analysis. The proposed project would be an infill development and would be a 100 percent affordable housing project, with 106 affordable units and two manager's units. Therefore, the project would result in a less than significant VMT impact. **(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). (Less than Significant Impact)**

Vehicle access to the site would be provided via one new full access driveway on Civic Center Drive and one full access driveway on Lincoln Street. The project would close the existing driveway on Civic Center Drive and create a new driveway approximately 175 feet west of the existing driveway to provide access to the surface parking lot. The Lincoln Street driveway would provide access to the parking garage.

Driveway Design

The project driveways would provide two-way access and would be 24 feet wide. This is in compliance with the Santa Clara City Code, Section 18.74.050.

Condition of Approval: The width of the driveway shall be a minimum of 24 feet wide and built to City Standard ST-8.

Sight Distance at Project Driveways

The proposed driveway locations on Civic Center Drive and Lincoln Street were evaluated to determine if the sight distance at the driveways would be adequate. Adequate sight distance reduces the likelihood of a collision at driveways and provides drivers with the ability to locate sufficient gaps in traffic to exit a driveway. Sight distance of a driveway is evaluated based on the stopping sight distance recommended by Caltrain for a given design speed.

The posted speed limit on Civic Center Drive and Lincoln Street is 25 miles per hour (mph). The Caltrans stopping sight distance is 200 feet (based on a design speed of 30 mph). Therefore, a driver must be able to see 200 feet in both directions of Civic Center Drive and Lincoln Street to locate a sufficient gap to turn out of the driveway.

There is a roadway curve on Civic Center Drive, approximately 250 feet west of the driveway and also on Lincoln Street, approximately 190 feet north of the driveway. However, there would be adequate sight distance for seeing vehicles turning around the curves. The proposed driveway on Civic Center Drive is located approximately 305 feet west of the Lincoln Street/Civic Center Drive intersection. As a result, the sight distance would be adequate for drivers exiting the driveway to find sufficient gaps in traffic to continue onto Civic Center Drive. The Lincoln Street driveway is approximately 220 feet north of the Lincoln Street/Civic Center Drive intersections and site distance would be adequate for vehicles turning onto Lincoln Street. Parking will be precluded on Lincoln Avenue along the project frontage, so parked cars would not obstruct views of exiting drivers.

With the implementation of the above conditions of approval, the project would not substantially increase hazards due to a geometric design feature or incompatible uses. **(Less than Significant Impact)**

Impact TRN-4:	**The project would not result in inadequate emergency access. (Less than Significant Impact)**

Emergency vehicles (i.e., fire trucks) would access the project site from Lincoln Street, Civic Center Drive, and the surface parking lot drive aisle via the driveway on Civic Center Drive. The project would provide adequate emergency access since the project building within hose reach by fire trucks on Lincoln Street and Civic Center Drive, or in the surface parking lot drive aisle. The project would not result in inadequate emergency access. **(Less than Significant Impact)**

4.17.3 Non-CEQA Effects

While the evaluation of project CEQA impacts on the transportation system is based on VMT, the following operational analysis is included for informational purposes pursuant to the City's Transportation Policy.

4.17.3.1 *Project Trip Generation*

Traffic trips generated by the proposed project were estimated using the "Mid-Rise Multi-family Housing" rates per the Institute of Traffic Engineers (ITE) *Trip Generation Manual, 11th Edition.* Based on the VTA Transportation Impact Analysis (TIA) Guidelines, housing projects located within 2,000 feet of a major bus stop can apply a two percent trip reduction to the trip generation. A major bus stop is defined as a stop where six or more buses per hour from the same or different routes stop during the peak period. As discussion in Section 4.17.2, the project is located within 2,000 feet of the bus stops along El Camino Real for VTA Routes 22 and 522, which both have a headway of 15 minutes during peak periods. A summary of project trip generation estimates is shown in Table 4.17-2, below.

Table 4.17-2: Project Trip Generation Estimates							
Land Use	**Daily Trips**	**AM Peak Hour**			**PM Peak Hour**		
		In	**Out**	**Total**	**In**	**Out**	**Total**
Proposed Project – Multi-Family Residences	499	9	32	41	26	17	43
Transit Reduction (2 percent)	-10	0	-1	-1	-1	0	-1
Net Project Trips	**489**	**9**	**31**	**40**	**25**	**17**	**42**
* ITE Trip Generation Manual, 11th Edition, 2021. Mid-Rise Multifamily Housing (Land Use 221)							

As shown in Table 4.17-2, the project would generate 40 AM peak hour trips and 42 PM peak hour trips. Based on VTA TIA Guidelines, since the project does not generate 100 or more net new weekday AM or PM peak hour trips, the project does not warrant the preparation of a full traffic impact analysis (TIA).

4.17.3.2 *On-site Circulation*

The project driveways would provide access to the surface lot and the parking garage. The project would provide 90-degree parking throughout the proposed parking structure. All drive aisles would be 26 feet wide. The parking stalls would be 8.5 feet wide and 17 feet long. For parking facilities using uniform stall dimensions, the minimum drive aisle width shall be 24 feet. Therefore, the proposed parking stalls would meet the requirement. The proposed drive aisle width, in combination with the parking dimensions, would provide sufficient room for vehicles to back out of the 90-degree parking stalls.

On-site vehicle circulation was also evaluated to identify whether there are dead-end aisles within the surface lot and parking garage. The surface lot would have a dead-end aisle. Therefore, the following condition of approval shall be implemented.

- **Condition of Approval**: The project shall provide a turnaround space at the dead-end aisle in the surface parking lot to provide adequate circulation.

4.18 TRIBAL CULTURAL RESOURCES

This discussion is in part based upon a Native American Consultation Summary Memorandum prepared on December 14, 2021. A copy of this memorandum is on file with the City's Community Development Department.

4.18.1 Environmental Setting

4.18.1.1 *Regulatory Framework*

Senate Bill 18

Senate Bill 18 (SB 18), established in 2005, requires city governments to consult with California Native American tribes on projects which include the adoption or amendment of general plans (defined in Government Code Section 65300 et seq.) and specific plans (defined in Government Code Section 65450 et seq.).

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*

In June 2021, the City received a letter from Tamien Nation (a Native American tribe with traditional and cultural affiliation with the geographic area) requesting to be notified of proposed projects within the City in accordance with AB 52. Therefore, the City is subject to AB 52 requirements. No other tribes have requested to be on the City's AB 52 notification list.

The Native American Heritage Commission (NAHC) was contacted on October 12, 2021; a search of the Sacred Land File (SLF) and a list of Native American representatives with traditional affiliations to the area was requested. The objective of the SLF search was to determine if the NAHC has any knowledge of Native American cultural resources (e.g., traditional use of gathering area, place of

religious or sacred activity, etc.) within the project site and its immediate vicinity. The SLF search was negative.

Since the proposed project would require a General Plan Amendment, the project is subject to SB 18 requirements. Notification letters pertaining to SB 18 were prepared and sent to the Native American contacts listed by the NAHC (based on a list of tribal contacts provided to the City on September 21, 2021) via email on November 19, 2021. The City sent the joint SB 18/AB 52 notification letter to the Tamien Nation by certified mail and email. Based on the date of notification and the required timeline for responses, a formal request for tribal consultation would be required by December 20, 2021, under AB 52, and by February 22, 2022, under SB 18. No response was received from the tribe by the time this Initial Study finalized for circulated and consultation was ended.

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). **(Less than Significant Impact)**

Based on the SLF search results, no tribal cultural resources including sites, features, places, cultural landscapes, or sacred place have been identified at the site. In addition, no information on potential

resources was provided by affiliated tribes. Therefore, implementation of the proposed project would have a less than significant impact on tribal cultural resources.

If, however, any unknown tribal cultural resources are found on-site, those resources would be addressed consistent with the mitigation measures CUL-2.1 through CUL-2.3. Therefore, with the implementation of mitigation measures, the proposed project would have a less than significant impact on tribal cultural resources. **(Less Than Significant Impact)**

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. **(Less than Significant Impact)**

As discussed under Impact TCR-1, there are no known tribal cultural resources on-site, and the project includes mitigation measures to reduce potential impacts to a less than significant level. For this reason, the project would not cause a substantial adverse change in the significance of a tribal cultural resources that is determined by the lead agency.

4.19 UTILITIES AND SERVICE SYSTEMS

The following analysis is based in part on a Sanitary Sewer Capacity Assessment completed by the City of Santa Clara in December 2021. The memorandum can be found in Appendix G of this Initial Study.

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 June 2021.

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 (2011) 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 (2016) 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.

California Green Building Standards Code

In January 2010, the State of California adopted the California Green Building Standards Code, establishing mandatory green building standards for all buildings in California. The most recent edition was issued by the state in 2019 and became effective in Santa Clara on January 1, 2020. The code covers five categories: planning and design, energy efficiency, water efficiency and conservation, material conservation and resources efficiency, and indoor environmental quality. These standards include the following mandatory set of measures, as well as more rigorous voluntary guidelines, for new construction projects to achieve specific green building performance levels:

1. Reducing indoor water use by 20 percent
2. Reducing wastewater by 20 percent
3. Recycling and/or salvaging 50 percent of nonhazardous construction and demolition debris
4. Providing readily accessible areas for recycling by occupants

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. The following goals, policies, and actions are applicable to the proposed project:

Policies	Description
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-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.
5.10.1-P6	Require adequate wastewater treatment and sewer conveyance capacity for all new development.
5.10.5-P21	Require that storm drain infrastructure is adequate to serve all new development and is in place prior to occupancy.

4.19.1.2 *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.[93] 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.

[93] City of Santa Clara. "Water Utility." Accessed: May 11, 2021. Available at: https://www.santaclaraca.gov/our-city/departments-g-z/water-sewer-utilities/water-utility.

For certain approved non-potable uses, recycled water from the San Jose/Santa Clara Regional Wastewater Facility's South Bay Recycled Water facility is used. There are no recycled water lines near the project site.[94] The project site consists of a vacant office building and does not currently utilize the City's water utilities for indoor uses. Minimal water services may be required for irrigation of the landscaped area.

Wastewater Services

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 (Facility) located in San José. The RWF is one of the largest advanced wastewater treatment facilities in California and serves over 1.4 million people in San José, Santa Clara, Milpitas, Campbell, Cupertino, Los Gatos, Saratoga, and Monte Sereno.[95] 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.[96] Approximately 10 percent of the plant's effluent is recycled for non-potable uses and the remainder flows into San Francisco Bay.

The NPDES permit for the Facility includes wastewater discharge requirements. The site is unoccupied and does not currently generate wastewater.

Stormwater Drainage

The City of Santa Clara owns and maintains the municipal storm drainage system which serves the project site. Existing storm drain lines are located beneath Civic Center Drive and Lincoln Street. All stormwater enters Guadalupe River through the existing stormwater drainage system.

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. The City also owns property outside its jurisdictional boundaries that could provide for solid waste disposal. The Newby Island Landfill has a remaining capacity of 13.7 million cubic yards.[97] Newby Island Landfill is

[94] City of San Jose. Recycled Water: South Bay Water Recycling. Accessed December 17, 2021. https://www.sanjoseca.gov/home/showdocument?id=522.
[95] City of San José. "San José-Santa Clara Regional Wastewater Facility." Accessed December 17, 2021. https://www.sanjoseca.gov/your-government/environment/water-utilities/regional-wastewater-facility.
[96] City of Santa Clara. 2010-2035 General Plan Integrated Final Environmental Impact Report. SCH# 2008092005. January 2011.
[97] Personal Communication. North, Daniel, General Manager, Republic Services. Re: NISL - remaining capacity and est. closure date. April 19, 2021.

currently in the process of seeking authorization from San José to expand the permitted capacity and accept an additional 15.1 million cubic yards.[98] 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.

As discussed in Section 4.19.1.1, 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. In addition to the state targets, the City of Santa Clara has a construction debris diversion ordinance which requires all projects over 5,000 square feet to divert a minimum 50 percent of construction and demolition debris from landfills. The building contractor would also be required to comply with the 2019 California Green Building Standards Code (codified in Title 24, Part 11 of the California Code of Regulations (CCR)) Section 5.408 Construction Waste Reduction, Disposal and Recycling, which requires the recycling or salvaging for reuse of a minimum of 65 percent of the nonhazardous construction and demolition waste. Landscaping/tree maintenance would occur on the project site that would generate yard waste. Minimal soil waste is generated from site maintenance.

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, or local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

[98] 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/.

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)**

The proposed project would connect to the City's existing stormwater, electric, telecommunications, solid waste, and wastewater system infrastructure. Natural gas connections would not be permitted for the project. The proposed project would incrementally increase the demand on existing facilities in the City of Santa Clara. The analysis in the following sections discusses the potential impacts of the project on existing facilities. Based on the following analysis, no relocation of existing or construction of new facilities that would cause a significant environmental effect are needed to serve the proposed project. **(Less than Significant Impact)**

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)**

The project would construct a 108-unit multi-family development with landscaping. Based on the CalEEMod estimates for water use completed for the project, the project's estimated demand would be approximately 19,635 gallons of water per day for indoor use and 12,380 gallons per day for irrigation.[99]

Based on the maximum 0.5 FAR allowed for the existing Community Commercial General Plan land use designation, an up to 30,500 square foot retail/commercial building would be allowed under this designation. A 30,500 square foot retail space would demand approximately 6,200 gallons of water per day for indoor use and 3,800 gallons per day for outdoor use/landscaping. A 30,500 square foot office space would demand approximately 14,850 gallons of water per day for indoor use and 9,105 gallons per day for outdoor use. [100] The proposed project would result in a higher water demand than uses under the existing General Plan land use and existing uses (with no water demand), however, the increase in water demand would not exceed the capacity of the Santa Clara Water Utility to provide water services to the site. In addition, the City's Water Utility has sufficient water supplies to meet the projected water demand of the City 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 with Mitigation Incorporated)**

[99] Based on Senate Bill 610, since the project is not proposed to develop 500 residential units or more, a detailed water supply assessment is not required for the project.
[100] CalEEMod. User Guide. Appendix D, Data Tables. Table 9.1, Water Use Rates: Strip Mall. June 2021. http://www.aqmd.gov/docs/default-source/caleemod/user-guide-2021/appendix-d2020-4-0-full-merge.pdf?sfvrsn=12.

Based on the City's General Plan, the Facility has the capacity to treat 167 million gallons of wastewater a day. The City's average dry weather flow is 13.3 mgd while the treatment capacity is 23 mgd. Based on the wastewater flow unit flow factor of 245 gallons per day provided in the project's sanitary sewer capacity assessment, the project would generate 16,940 gallons per day of wastewater.

The office uses under the existing General Plan land use designation would generate an estimated 12,625 gallons of wastewater per day (assuming the office space's wastewater generation would be 85 percent of indoor water use). Assuming the retail space's wastewater generation would be 85 percent of indoor water use, retail under the current designation would generate approximately 5,270 gallons of wastewater per day. The proposed project would generate more wastewater than uses under the existing General Plan land use designation and existing use on-site (which would generate no wastewater). However, the proposed project would not increase the need for wastewater treatment beyond the capacity of the Facility.

The proposed project would connect to existing sewer lines on Civic Center Drive and Lincoln Avenue. Based on the sewer capacity assessment, wastewater from the project site was directed to flow monitoring sites/manholes on Monroe Street (between Cabrillo Avenue and Don Avenue) and Warburton Avenue at Fillmore Street to determine if the City has capacity to serve the proposed development. The pipelines the project would connect to would have capacity ranging from 56 to 294.5 gallons per minute. The City's sewer pipeline system has capacity to serve the proposed development. City staff have concluded that there is sufficient wastewater treatment capacity for the project. **(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. Based on CalEEMod estimates, the proposed project would generate a total of approximately 280 pounds of solid waste per day. This is 280 pounds per day more than the solid waste currently generated on-site. For office uses under the current General Plan land use designation, these uses would generate a maximum of approximately 2,600 pounds of waste per day[101] and retail would generate approximately 100 pounds of solid waste per day.

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 not result in a significant increase 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)**

[101] CalRecycle. Commercial Sector Generation Rates. Accessed December 17, 2021. https://www2.calrecycle.ca.gov/wastecharacterization/general/rates. 0.084 lbs/day * 30,500 square feet of office = 2,562 lbs of waste per day.

Impact UTL-5:	The project would not be noncompliant with federal, state, or local management and reduction statutes and regulations related to solid waste**. (Less than Significant Impact)**

The proposed project would not negatively impact the provision of solid waste services and would comply with AB 341 which requires all businesses in California that generate four or more cubic yards of garbage per week (approximately 6,740 pounds per week) to recycle. Future occupants of the site would be required to direct and recycle waste consistent with federal, state, and local requirements. Thus, the project would not impair the attainment of solid waste reduction goals. **(Less than Significant Impact)**

4.20 WILDFIRE

4.20.1 Environmental Setting

4.20.1.1 *Regulatory Framework*

State

Fire Hazard Severity Zones

CAL FIRE is required by law to map areas of significant fire hazards based on fuels, terrain, weather, and other relevant factors. Referred to as Fire Hazard Severity Zones (FHSZs), these maps influence how people construct buildings and protect property to reduce risk associated with wildland fires. FHSZs are divided into areas where the state has financial responsibility for wildland fire protection, known as state responsibility areas (SRAs), and areas where local governments have financial responsibility for wildland fire protection, known as local responsibility areas (LRAs). Homeowners living in an SRA are responsible for ensuring that their property is in compliance with California's building and fire codes. Only lands zoned for very high fire hazard are identified within LRAs.

4.20.1.2 *Existing Conditions*

The project site is located in a highly urbanized area in of the City of Santa Clara. This area is not located within a Fire Hazard Severity Zone as designated by Cal Fire's Fire and Resource Assessment Program.[102]

4.20.2 Impact Discussion

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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?	☐	☐	☐	☒

[102] California Department of Forestry and Fire Protection. Fire Hazard Severity Zones Maps. Santa Clara. Accessed November 8, 2021. https://osfm.fire.ca.gov/divisions/wildfire-planning-engineering/wildland-hazards-building-codes/fire-hazard-severity-zones-maps/.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
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?	☐	☐	☐	☒

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)**

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: 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 Incorporated)**

As discussed in the previous sections of this Initial Study, the proposed project would not degrade the quality of the environment with implementation of identified conditions of approval and mitigation measures. As discussed in Section 4.4, Biological Resources, with the implementation of the identified mitigation measures (mitigation measure MM BIO-1.1), the project would not significantly impact migratory bird or nesting raptor populations. The project site is developed, is within an urban area, and does not contain suitable habitat for special-status plant or wildlife species. As discussed in Section 4.5, Cultural Resources and Section 4.18, Tribal Cultural Resources, with implementation of the mitigation measures MM CUL-2.1, MM CUL-2.2, MM CUL-2.3 and MM CUL-3.1, the project would have a less than significant impact on archaeological and tribal cultural resources. The project would not result in any impacts to historic resources. **(Less than Significant Impact with Mitigation Incorporated)**

Impact MFS-2:	As mitigated, the project does not have impacts that are individually limited, but cumulatively considerable**. (Less than Significant Impact with Mitigation Incorporated)**

Under Section 15065(a)(3) 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 potential environmental effects "that are individually limited, but cumulatively considerable." As defined in Section 15065(a)(3) of the CEQA Guidelines, cumulatively considerable means "that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects." This Initial Study evaluates the environmental impacts of the proposed office development project. This Initial Study also takes into account other past, pending, and probable future projects whose impacts could combine to produce cumulative impacts.

Based on the City's pending and approved list of projects, there are no current or future projects adjacent to the project site. Projects within one-half mile of the site include: a 56-unit condominium project under construction at 1890 El Camino Real (approximately 600 southwest of the site) and an approved 13-unit condominium development project under construction located on 1900 Warburton Avenue (approximately 600 feet northwest of the site).

Resource Topics not Impacted by the Project

The project would have no impact on agricultural, mineral resources, and wildfire hazards; therefore, the project has no potential to combine with other projects to result in cumulative impacts to those resources.

Cumulative Air Quality Impacts

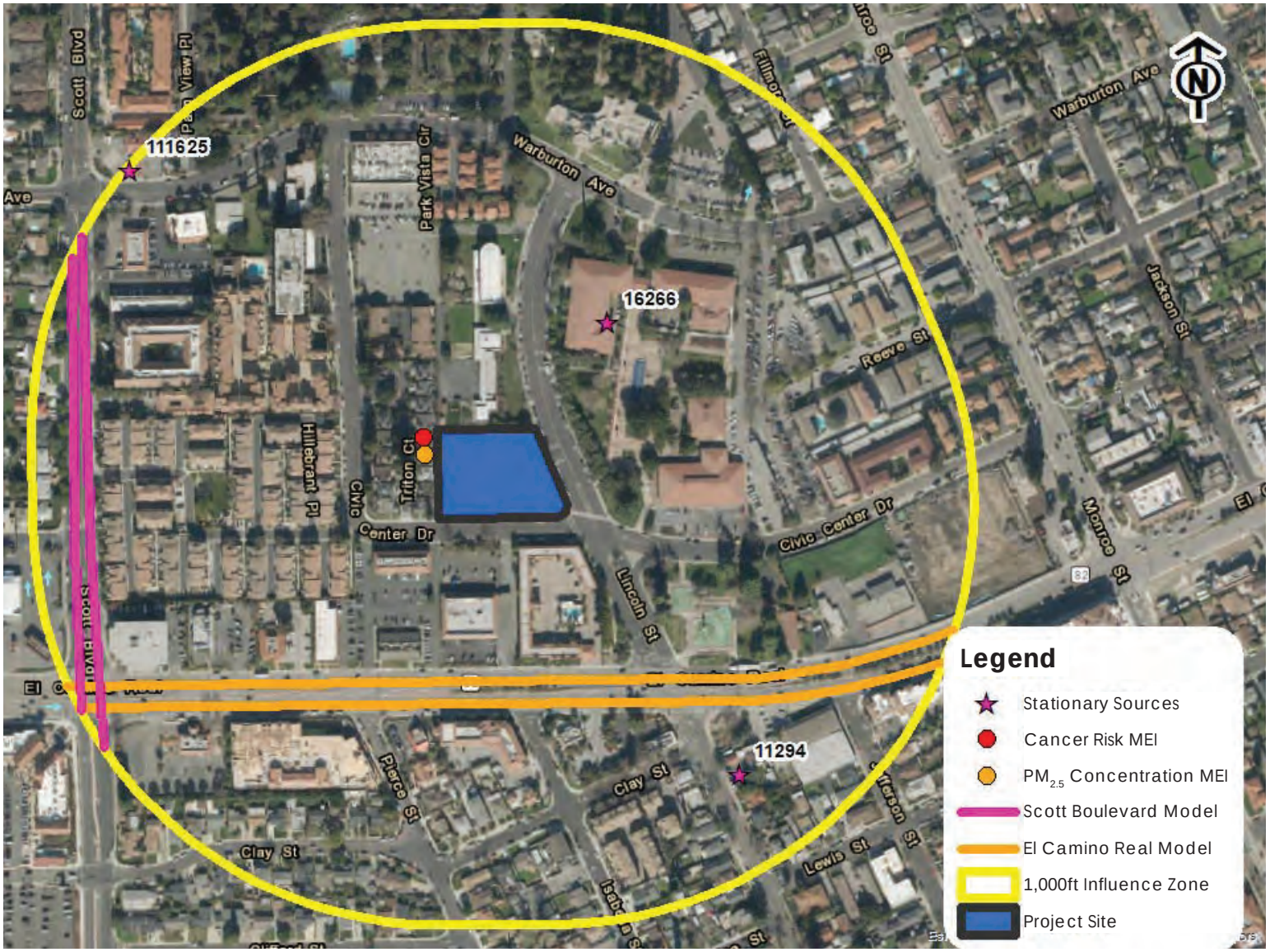
Regional Air Quality Impacts

By its nature, air pollution is largely a cumulative impact. The geographic area for cumulative air quality impacts is the San Francisco Bay Area Air Basin. No single project is sufficient in size, by itself, to result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. The project would emit criteria air pollutants and contribute to the overall regional emissions of these pollutants. The project-level thresholds identified by BAAQMD (which the project's impacts were compared to in *Section 4.3, Air Quality*) are the basis for determining whether a project has a cumulatively considerable contribution to the existing cumulatively significant air quality impact. The project's construction (with the implementation of best management practices to reduce fugitive dust emissions) and operational criteria air pollutant emissions would be below BAAQMD thresholds for these pollutants. Therefore, the project's incremental contribution to regional air quality impacts would not be cumulatively considerable, resulting in a less than significant cumulative impact. **(Less Than Significant Cumulative Impact)**

Cumulative Community Health Risk Impacts

Community health risk assessments typically look at all substantial sources of TACs that can affect sensitive receptors that are located within 1,000 feet of a project site. The project's impacts combined with stationary and mobile TAC sources were evaluated to assess the impacts on the construction MEIs (shown on Figure 4.21-1). These TAC sources include surface streets and stationary sources identified by BAAQMD. Within the project vicinity, traffic on El Camino Real and Scott Boulevard would exceed 10,000 vehicles per day. A refined analysis was utilized to predict emissions for the traffic volume and mix of vehicle types on both roadways near the project site; an atmospheric dispersion model to predict exposure of the MEIs to TACs. Other nearby streets are assumed to have less than 10,000 vehicles per day.

A review of BAAQMD's stationary source map identified five stationary sources of TACs with potential to affect the project sensitive receptors. The five stationary sources identified include two generators, an auto body coating operation, and a gas dispensing facility. However, one of the stationary sources (source # 24384) is located at the current, vacant project site that will be demolished as part of the proposed project. Therefore, its risk and hazard levels were not included as part of this analysis. The locations of the existing sources of TACs are shown in Figure 4.21-1. Both the project and cumulative community risk impacts at the sensitive receptors most affected by construction (i.e., the MEIs) are reported in Table 4.21-1.



Source: Illingworth & Rodkin, Inc., November 30, 2021.

LOCATIONS OF EXISTING TAC SOURCES | FIGURE 4.21-1

Table 4.21-1: Cumulative Community Health Risk Impacts at Off-Site MEI				
Source		**Cancer Risk (per million)**	**Annual $PM_{2.5}$ ($\mu g/m^3$)**	**Hazard Index**
Project Impacts				
Project Construction	Mitigated	5.99 (infant)	0.15	<0.01
Cumulative Impacts				
El Camino Real, ADT* 26,400		0.65	0.05	<0.01
Scott Boulevard, ADT* 21,762		0.27	0.03	<0.01
Underwriters Laboratories, Inc. (Facility ID #2896), MEI at 0 feet		<0.01	0.02	<0.01
International Auto Center, Inc. (Facility ID #11294), MEI at 1,000+ feet		--	--	<0.01
City of Santa Clara Generator (Facility ID #16266), MEI at 530 feet		0.25	<0.01	<0.01
ARCO Gas Station (Facility ID #111625), MEI at 960 feet		0.26	--	<0.01
Cumulative Total	Mitigated	<7.43	<0.26	<0.07
BAAQMD Cumulative Source Threshold		**100**	**0.8**	**10.0**
Exceed Threshold?	Mitigated	No	No	No
*ADT = Average Daily Traffic				

As shown in Table 4.21-1, the cumulative impact of project construction combined with the existing sources of TACs in the project vicinity would not exceed the BAAQMD cumulative source threshold. There are two projects approved projects under construction located within 1,000 feet of the project site, 1890 El Camino Real and 1900 Warburton Avenue residential projects.[103] For the purposes of this Initial Study, construction of all three projects is assumed to occur simultaneously to provide a conservative analysis. Based on the approved Initial Studies for the approved projects, implementation of construction best management practices to reduce dust emissions and mitigation to reduce diesel emissions would reduce the cancer risk and $PM_{2.5}$ concentrations to below BAAQMD thresholds. Therefore, since the combined TAC sources would be less than BAAQMD

[103] The 1890 El Camino Real and 1900 Warburton Avenue projects are not included in Table 4.21-1. However, the approved Initial Studies for these projects concluded that implementation of mitigation and construction best management practices to reduce diesel and fugitive dust emissions would result in $PM_{2.5}$ concentrations, HI, and cancer risks below BAAQMD thresholds during construction. The 1890 El Camino Real project would result in a $PM_{2.5}$ concentration of 0.1 $\mu g/m^3$ and child cancer risk of 2.6 in one million at sensitive receptors south of El Camino Real (within 1,000 feet of the 1890 El Camino Real site) with mitigation. Given the small size of the 1900 Warburton Avenue project (13 condominiums), short construction duration period, and limited grading, the Warburton project was assumed to result in low construction emissions and did not warrant a quantitative construction health risk assessment.

cumulative source thresholds, the cumulative health risk impact from construction TACs on the project MEIs would be less than significant. **(Less than Significant Cumulative Impact)**

Cumulative Greenhouse Gas Emissions and Energy Impacts

The proposed project and past, present, and future development projects worldwide contribute to global climate change. No single project is sufficient in size to, by itself, change the global average temperature. Therefore, due to the nature of GHG impacts, a significant project impact is a significant cumulative impact. As discussed in *Section 4.8, Greenhouse Gas Emissions*, the project's operational emissions would not exceed the 660 MT of CO_2e per year 2030 bright-line threshold or the per capita threshold of 2.8 MT CO_2e per year per service population. The project would, therefore, not result in a significant GHG impact. For these reasons, the project would not result in a cumulatively considerable contribution to a significant cumulative GHG impact. **(Less Than Significant Cumulative Impact)**

The geographic area for cumulative energy impacts is the State of California. Past, present, and future development projects contribute to the state's energy impacts. If a project is determined to have a significant energy impact, it is concluded that the impact is cumulatively considerable. The project would not result in significant energy impacts or conflict or obstruct a state or local plan for energy efficiency. The project, therefore, would not have a cumulatively considerable contribution to a significant cumulative energy impact. **(Less Than Significant Cumulative Impact)**

Cumulative Noise Impacts

The geographic area for cumulative noise impacts is approximately a 1,000 feet radius from the site. The cumulative projects (i.e., the proposed project, approved 1900 Warburton Avenue and 1890 El Camino Real project) will implement construction and construction-related vibration measures to reduce the cumulative impacts to the nearby noise sensitive receptors to less than significant.

A significant cumulative traffic noise increase would occur if two criteria are met: 1) if the cumulative traffic noise level increase was three dBA CNEL or greater for future levels exceeding 60 dBA CNEL or was 5 dBA CNEL or greater for future levels at or below 60 dBA CNEL; and 2) if the project would make a "cumulatively considerable" contribution to the overall traffic noise increase. A "cumulatively considerable" contribution would be defined as an increase of one dBA CNEL or more attributable solely to the proposed project. Given the project would generate low traffic volumes, 40 AM peak hour trips and 42 PM peak trips, the project would not result in a cumulatively considerable contribution to traffic noise.

Operational mechanical equipment noise generated by the project would be below City Code thresholds for adjacent residential uses. Based on the proposed project's noise assessment, sensitive receptors more than 100 feet from the rooftop mechanical equipment would not experience noise in exceedance of City Code thresholds. Given the distance between the approved projects in the area, the proposed project would not result in any cumulative mechanical impacts to these receptors. **(Less Than Significant Cumulative Impact)**

Cumulative Traffic Impacts

The geographic area for cumulative transportation impacts is the City of Santa Clara. Since the project is 100 percent affordable housing project, the project would result in a less than significant VMT impact and would result in less than 100 trips in the commute peak period; therefore, the project would result in a less than cumulatively considerable contribution to the significant Citywide VMT impact. **(Less than Significant Cumulative Impact)**

Cumulative Aesthetics and Land Use Impacts

The geographic area of cumulative aesthetics (from which the project would be visible) and land use impacts is the project's immediate vicinity. Since there are no pending or approved projects within the project site's immediate vicinity, the project would not result in cumulative aesthetics or land use impacts.

Cumulative Biological Resources Impacts

The geographic area for cumulative impacts to trees includes the project site and adjacent parcels. There are no current or reasonably foreseeable projects adjacent to the project site. Therefore, the project would not have the potential to result in combined impacts to trees. **(No Cumulative Impact)**

The geographic area for cumulative impacts to sensitive habitats such as wetland, riparian habitats, and serpentine habitats, and special-status species would be Santa Clara County. The project would have no impact on riparian, wetland habitats or special-status species and, therefore, would not combine impacts to these habitats with other projects elsewhere. **(No Cumulative Impact)**

The project site is not located within an adopted Habitat Conservation Plan; therefore, the applicant is not required to pay Habitat Plan fees and the project would not have a cumulative impact. **(No Cumulative Impact)**

The geographic area for cumulative impacts to migratory wildlife would be Santa Clara County. Construction of projects throughout the County, including the proposed project, could result in a significant cumulative impact on nesting birds. Each project is subject to federal, state, and local regulations (including the MBTA, Fish and Game Code, and CEQA), which would avoid and/or minimize impacts to nesting birds. The project, with the implementation of mitigation measure MM BIO-1.1 would comply with the MBTA and Fish and Game Code, would not result in a cumulatively considerable contribution to a significant cumulative impact to nesting birds. **(Less Than Significant Cumulative Impact with Mitigation Incorporated)**

Cumulative Cultural Resources, Tribal Cultural Resources, and Geology Impacts

The project would have no impact on historic resources and, therefore, would not combine impacts to these resources with other projects or contribute to any cumulative impacts to these resources. **(No Cumulative Impact).**

The geographic area for archaeological resources, human remains, and tribal cultural resources is the project site and parcels in the project area with similar resources. The nearest approved development projects are located at least 600 feet from the site. The cumulative projects would be required to implement mitigation measures to reduce impacts to unknown archaeological resources, human

remains, and tribal cultural resources during construction. With the implementation of these measures, the cumulative impacts to the resources would be less than significant. **(Less than Significant Cumulative Impact)**

The geographic area for cumulative geological impacts would be locations adjacent to the site. There are no other current projects under construction or future projects immediately adjacent to the project site. Therefore, the project has no potential to combine impacts to geological resources or soils with other projects. **(No Cumulative Impact)**

Hazards and Hazardous Materials Impacts

The geographic area for hazards and hazardous materials is the project site and adjacent parcels. The potential for on-site hazardous materials contamination to affect adjacent properties in combination with other development in the project vicinity is limited. Based on former agricultural uses at the site, the site could contain pesticides in soil or groundwater. Given the distance of the project site from other pending or approved development and with the project's implementation of mitigation measures MM HAZ-1.1 through MM HAZ-2.4 to properly manage and sample soil, the project does not have the potential to hazardous materials combine impacts with other cumulative projects. The project, in combination with cumulative projects in the area, would not result in a cumulative hazardous materials impact. **(Less Than Significant Cumulative Impact with Mitigation Incorporated)**

Cumulative Hydrology Impacts

The geographic area for cumulative hydrology and water quality impacts is the San Tomas Aquino Creek watershed. Cumulative developments within the watershed would have similar hydrological and urban runoff conditions. All projects occurring within Santa Clara would be required to implement the same standard measures/BMPs related to construction water quality as the proposed project (including preparation of a SWPPP if disturbance is greater than one-acre). In addition, all cumulative projects that would disturb more than one-acre of soil or replace/add more at least 10,000 square feet of impervious surfaces would be required to meet applicable San Francisco RWQCB requirements and the City's SWCP requirements on a project-specific basis. For these reasons, the cumulative projects, including the proposed project, would not result in significant cumulative hydrology or water quality impacts. **(Less than Significant Cumulative Impact)**

Cumulative Utility and Service System Impacts

The geographic area for cumulative utility and service system impacts is the City of Santa Clara. The project, by itself, would have a less than significant impact on utilities and service systems (refer to Section 4.19). As discussed in Section 4.19, there is sufficient water supply for the proposed project. The project could demand approximately 21,750 gallons of more water per day than what was assumed in the General Plan.

Build-out of the General Plan and the proposed project would result in an increase in sewage generated within the City. As discussed in the certified General Plan EIR, the average dry weather flows projected from the full build-out of the General Plan were projected to be within the City's allocated treatment capacity at the RWF, which at the time of the certification of the General Plan

EIR was 20.1 mgd[104] and below the City's 2017 flow allocation of approximately 20.5 mgd. The project could result in 21,680 gallons per day of wastewater beyond what is assumed in the General Plan, however, a sanitary sewer capacity assessment determined that the City's sewer system has capacity to serve the project.

Since the certification date of the General Plan EIR, however, the City has approved development applications that have included General Plan amendments, each of which have incrementally increased the potential sewage generation at full build-out. Consequently, it is conceivable that at some point prior to 2035, the City could exceed its current capacity allocation, and the proposed project is anticipated to generate an additional 0.3 mgd.[105] However, the RWF has excess flow capacity of approximately 59.7 mgd, and the City has a process to obtain additional capacity rights at the RWF, without the need for any physical improvements to the RWF.[106]

Based on the above discussion, there is sufficient treatment capacity at the RWF to serve the build-out of the General Plan and the cumulative projects (including the proposed project). The cumulative projects would not result in a significant cumulative impact on wastewater treatment capacity.

Wastewater flow from the site to the City's pump stations would not cause the facilities to exceed capacity. The cumulative projects would not cause the City's pump stations to exceed capacity, as the City is planning for future capacity improvements as additional developments are proposed, for which environmental analysis would be conducted. The project would, therefore, not result in cumulative impacts to pump stations or sanitary sewer facilities. **(Less than Significant Cumulative Impact)**

The project would not relocate natural gas, electricity, or telecommunications lines. The project would not combine impacts to these utility lines with other projects, therefore, no cumulative impacts to these utilities would result from the combined projects. **(No Cumulative Impact)**

Build-out of the City and the proposed project would generate solid waste that would need to be disposed of appropriately. Consistent with the conclusion in the certified General Plan EIR and City Place Santa Clara Project EIR,[107] without a specific plan for disposing of solid waste beyond 2024, the solid waste generated by development in the City post-2024 (including waste from the proposed project and other cumulative projects such as City Place Santa Clara) would result in a significant unavoidable cumulative impact. Although the project would generate more solid waste than assumed in the General Plan, the proposed project, by itself, would not have a cumulatively considerable contribution towards the solid waste impact. **(Less than Significant Cumulative Impact)**

[104] City of Santa Clara. *2010-2035 General Plan Integrated Final Environmental Impact Report.* SCH# 2008092005. January 2011. Page 228.
[105] V&A Consulting Engineers. *City of Santa Clara Gateway Crossing Mixed Use Sewer Capacity Study.* June 2017.
[106] The total flow capacity at the RWF is 167 mgd, and the joint owners (Santa Clara and San José) have agreements with several tributary agencies, which have capacity rights of approximately 35 mgd. Pursuant to Section V.B.3 of the 1983 agreements with the tributary agencies, Santa Clara can purchase additional capacity from those tributary agencies.
[107] City of Santa Clara. *City Place Santa Clara Project Draft Environmental Impact Report.* SCH# 2014072078. Certified June 2016. Pages 3.14-38 and 3.14-39.

Population and Housing

The geographic area for cumulative population and housing impacts is the City of Santa Clara. The cumulative resident-generating projects in the City would be consistent with applicable land use policies aimed at improving the City's jobs/housing balance and related land use assumptions in the existing General Plan. The proposed project would add up to 290 residents and, therefore, incrementally increase the City's population by 290. Although the project would result in an increase in population beyond what was assumed in the General Plan, the project would improve the City's jobs/housing imbalance by adding new residents. For this reason, the jobs added by the project would not make a cumulatively considerable contribution to a worsening of the jobs/housing imbalance. **(Less Cumulatively Considerable Contribution to a Significant Cumulative Impact)**

Public Services and Recreation

The geographic area for cumulative public services impacts is the City of Santa Clara. Development in the project area would increase demand on fire and police protection services, schools, and recreational facilities. All cumulative projects would be subject to state, county, and City policies and regulations associated with public services within Santa Clara (such as payment of in-lieu park fees). Although the project proposes to increase the residential density on-site above the current General Plan, the project would comply with the parkland dedication requirements/in-lieu park fees and school impact fees identified Section 4.15, Public Services and would not result in cumulative public services or recreation impacts.

Impact MFS-3:	The project does not have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly. **(Less than Significant Impact)**

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. Pursuant to 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. Implementation of the best management practices, conditions of approval, mitigation measures, and adherence to General Plan, City Code, and state and federal regulations described in these sections of the report, would avoid significant impacts. No other direct or indirect adverse effects on human beings have been identified. **(Less Than Significant Impact)**

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SECTION 6.0 LEAD AGENCY AND CONSULTANTS

6.1 LEAD AGENCY

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Brand Burfield, P.G., Project Geologist
Douglas T. Abernathy, Senior Project Engineer

SECTION 7.0 ACRONYMS AND ABBREVIATIONS

2017 CAP	Bay Area 2017 Clean Air Plan
AB	Assembly Bill
ABAG	Association of Bay Area Governments
ACM	Asbestos containing material
AIA	Airport Influence Area
ALUC	Airport Land Use
BAAQMD	Bay Area Air Quality Management District
Basin Plan	Water Quality Control Plan for the San Francisco Bay Basin
BMP	Best Management Practice
Btu	British thermal units
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
Cal/OSHA	California Department of Industrial Relations, Division of Occupational Safety and Health
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CBC	California Building Standards Code
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CGS	California Geological Survey
CH_4	Methane
CLUP	Comprehensive Land Use Plan
CMP	Congestion Management Program
CNEL	Community Noise Equivalent Level
CO	Carbon monoxide
CO_2	Carbon dioxide
CO_2e	CO_2 equivalents
CRHR	California Register of Historical Resources
CUPA	Certified Unified Program Agency
dBA	A-weighted decibel

DNL	Day-Night Level
DPM	Diesel particulate matter
DTSC	Department of Toxic Substances Control
EIR	Environmental Impact Report
EPA	Environmental Protection Agency
ESD	Environmental Services Department
FAA	Federal Aviation Administration
FAR Part 77	Federal Aviation Regulations, Part 77 Objects Affecting Navigable Airspace
FEMA	Federal Emergency Management Agency
FHSZ	Fire hazard severity zone
FIRM	Flood Insurance Rate Map
FMMP	Farmland Mapping and Monitoring Program
FTA	Federal Transit Authority
GHG	Greenhouse gas
GPA	General Plan Amendment
GWh	gigawatt hours
GWP	Global warming potential
Habitat Plan	Santa Clara Valley Habitat Plan/Natural Community Conservation Plan
HFCs	Hydrofluorocarbons
HOV	High occupancy vehicle
L_{eq}	Average energy level intensity
L_{max}	Maximum A-weighted noise level
LID	Low Impact Development
LOS	Level of service
LUTE	Land Use and Transportation Element
MBTA	Migratory Bird Treaty Act
mgd	Million gallons per day
MLD	Most Likely Descendant
$MMTCO_2e$	Million metrics tons of carbon dioxide equivalent
MND	Mitigated Negative Declaration
mpg	miles per gallon
MTC	Metropolitan Transportation Commission
NAHC	Native American Heritage Commission

NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NOD	Notice of Determination
NOI	Notice of Intent
N_2O	Nitrous oxide
NO_x	Nitrogen oxides
NO_2	Nitrogen dioxide
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
O_3	Ground-level ozone
OEHHA	California Office of Environmental Health Hazard Assessment
OITC	Outdoor-Indoor Transmission Class
OPR	Office of Planning and Research
PDAs	Priority Development Areas
PFCs	Perfluorocarbons
PG&E	Pacific Gas and Electric Company
PM	Particulate matter
$PM_{2.5}$	Fine particulate matter
PM_{10}	Coarse particulate matter
PPV	Peak Particle Velocity
RHNA	Regional Housing Need Allocation
ROG	Reactive organic gases
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCS	Sustainable Communities Strategy
SCRWA	South County Regional Wastewater Authority
SCVWD	Santa Clara Valley Water District
SHMA	Seismic Hazards Mapping Act
SF_6	Sulfur hexafluoride
SFHAs	Special Flood Hazard Areas
SMARA	Surface Mining and Reclamation Act
SMGB	State Mining and Geology Board
SO_x	Sulfur oxides

SR	State Route
STC	Sound Transmission Class
SVCE	Silicon Valley Clean Energy
SWPCP	Sunnyvale Water Pollution Control Plant
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TACs	Toxic air contaminants
TCRs	Tribal Cultural Resources
USACE	United States Army Corps of Engineers
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UWMP	Urban water management plan
VTA	Santa Clara Valley Transportation Authority

1601 CIVIC CENTER DRIVE AIR QUALITY & GREENHOUSE GAS ASSESSMENT

Santa Clara, California

November 30, 2021
Revised May 10, 2022

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Introduction

The purpose of this report is to address air quality, community health risk, and greenhouse gas (GHG) impacts associated with the proposed multi-family residential project located at 1601 Civic Center Drive in Santa Clara, California. The air quality impacts and GHG emissions would be associated with the demolition of the existing land uses, construction of the new buildings, and operation of the project. Air pollutant and GHG emissions associated with the construction and operation of the project were predicted using appropriate computer models. In addition, the potential project health risk impact (including construction and operation) and the impacts of existing toxic air contaminant (TAC) sources affecting the nearby existing and proposed sensitive receptors were evaluated. This analysis addresses those issues following the guidance provided by the Bay Area Air Quality Management District (BAAQMD).[1]

Project Description[2]

The 1.54-acre site is located at 1601 Civic Center Drive in Santa Clara. The site currently contains a vacant two-story office building, a surface parking lot, and approximately 20 trees. The proposed project would demolish the exiting office building to construct a five-story multi-family development, which would consist of 108 affordable units and two managers' units, for a total of 110 units. The first floor would consist of garage parking, providing 43 parking spaces, and three dwelling units. The remaining dwelling units would reside in floors two through five. A surface parking lot will also provide 29 parking spaces in addition to the garage spaces. Construction is proposed to begin in September 2023 and be completed by February 2025.

Setting

The project is located in Santa Clara County, which is in the San Francisco Bay Area Air Basin. Ambient air quality standards have been established at both the State and federal level. The Bay Area meets all ambient air quality standards with the exception of ground-level ozone, respirable particulate matter (PM_{10}), and fine particulate matter ($PM_{2.5}$).

Air Pollutants of Concern

High ozone levels are caused by the cumulative emissions of reactive organic gases (ROG) and nitrogen oxides (NO_X). These precursor pollutants react under certain meteorological conditions to form high ozone levels. Controlling the emissions of these precursor pollutants is the focus of the Bay Area's attempts to reduce ozone levels. The highest ozone levels in the Bay Area occur in the eastern and southern inland valleys that are downwind of air pollutant sources. High ozone levels aggravate respiratory and cardiovascular diseases, reduced lung function, and increase coughing and chest discomfort.

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[1] Bay Area Air Quality Management District, *CEQA Air Quality Guidelines*, May 2017.

[2] Project description and land uses assessed in this analysis is based on an older design of the project. New project design includes fewer residential units, more parking spaces, and an increase in total square footage of about 4,000-sf. These changes would have a negligible impact on the emission and risk analysis. The impact findings in this analysis would be unaffected by the changes in the project design.

Particulate matter is another problematic air pollutant of the Bay Area. Particulate matter 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 (or cumulative) emissions and localized emissions. High particulate matter levels aggravate respiratory and cardiovascular diseases, reduce lung function, increase mortality (e.g., lung cancer), and result in reduced lung function growth in children.

Toxic Air Contaminants

TACs are a broad class of compounds known to cause morbidity or mortality (usually because they cause cancer) and include, but are not limited to, the criteria air pollutants. TACs are found in ambient air, especially in urban areas, and are caused by industry, agriculture, 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). Because chronic exposure can result in adverse health effects, TACs are regulated at the regional, State, and federal level.

Diesel exhaust is the predominant TAC in urban air and is estimated to represent about three-quarters of the cancer risk from TACs (based on the Bay Area average). According to the California Air Resources Board (CARB), diesel exhaust is a complex mixture of gases, vapors, and fine particles. This complexity makes the evaluation of health effects of diesel exhaust a complex scientific issue. Some of the chemicals in diesel exhaust, such as benzene and formaldehyde, have been previously identified as TACs by the CARB, and are listed as carcinogens either under the State's Proposition 65 or under the Federal Hazardous Air Pollutants programs. The most recent Office of Environmental Health Hazard Assessment (OEHHA) risk assessment guidelines were published in February of 2015.[3] See *Attachment 1* for a detailed description of the community risk modeling methodology used in this assessment.

Sensitive Receptors

There are groups of people 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, elementary schools, and parks. For cancer risk assessments, children are the most sensitive receptors, since they are more susceptible to cancer causing TACs. Residential locations are assumed to include infants and small children. The closest sensitive receptors to the project site are in the single-family residences adjacent to the project's western boundary. There are additional residences to the northwest, southwest, east, and south at further distances. The project would also introduce new sensitive receptors (residents) to the area.

[3] OEHHA, 2015. *Air Toxics Hot Spots Program Risk Assessment Guidelines, The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments*. Office of Environmental Health Hazard Assessment. February.

Regulatory Setting

Federal Regulations

The United States Environmental Protection Agency (EPA) sets nationwide emission standards for mobile sources, which include on-road (highway) motor vehicles such trucks, buses, and automobiles, and non-road (off-road) vehicles and equipment used in construction, agricultural, industrial, and mining activities (such as bulldozers and loaders). The EPA also sets nationwide fuel standards. California also has the ability to set motor vehicle emission standards and standards for fuel used in California, as long as they are the same or more stringent than the Federal standards.

In the past decade the EPA has established a number of emission standards for on- and non-road heavy-duty diesel engines used in trucks and other equipment. This was done in part because diesel engines are a significant source of nitrogen oxides, or NO_X, and particulate matter (PM_{10} and $PM_{2.5}$) and because the EPA has identified diesel particulate matter as a probable carcinogen. Implementation of the heavy-duty diesel on-road vehicle standards and the non-road diesel engine standards are estimated to reduce PM and NO_X emissions from diesel engines up to 95 percent in 2030 when the heavy-duty vehicle fleet is completely replaced with newer heavy-duty vehicles that comply with these emission standards.[4]

In concert with the diesel engine emission standards, the EPA has also substantially reduced the amount of sulfur allowed in diesel fuels. The sulfur contained in diesel fuel is a significant contributor to the formation of particulate matter in diesel-fueled engine exhaust. The new standards reduced the amount of sulfur allowed by 97 percent for highway diesel fuel (from 500 parts per million by weight [ppmw] to 15 ppmw), and by 99 percent for off-highway diesel fuel (from about 3,000 ppmw to 15 ppmw). The low sulfur highway fuel (15 ppmw sulfur), also called ultra-low sulfur diesel (ULSD) is currently required for use by all vehicles in the U.S.

All of the above Federal diesel engine and diesel fuel requirements have been adopted by California, in some cases with modifications making the requirements more stringent or the implementation dates sooner.

State Regulations

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[5]. 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, a

[4] USEPA, 2000. *Regulatory Announcement, Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements*. EPA420-F-00-057. December.

[5] California Air Resources Board, 2000. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*. October.

significant component of the plan involves application of emission control strategies to existing diesel vehicles and equipment. Many of the measures of the Diesel Risk Reduction Plan have been approved and adopted, including the Federal on-road and non-road diesel engine emission standards for new engines, as well as adoption of regulations for low sulfur fuel in California.

CARB has adopted and implemented a number of regulations for stationary and mobile sources to reduce emissions of DPM. Several of these regulatory programs affect medium and heavy-duty diesel trucks that represent the bulk of DPM emissions from California highways. CARB regulations require on-road diesel trucks to be retrofitted with particulate matter controls or replaced to meet 2010 or later engine standards that have much lower DPM and $PM_{2.5}$ emissions. This regulation will substantially reduce these emissions between 2013 and 2023. While new trucks and buses will meet strict federal standards, this measure is intended to accelerate the rate at which the fleet either turns over so there are more cleaner vehicles on the road, or is retrofitted to meet similar standards. With this regulation, older, more polluting trucks would be removed from the roads sooner.

CARB has also adopted and implemented regulations to reduce DPM and NO_X emissions from in-use (existing) and new off-road heavy-duty diesel vehicles (e.g., loaders, tractors, bulldozers, backhoes, off-highway trucks, etc.). The regulations apply to diesel-powered off-road vehicles with engines 25 horsepower (hp) or greater. The regulations are intended to reduce particulate matter and NO_X exhaust emissions by requiring owners to turn over their fleet (replace older equipment with newer equipment) or retrofit existing equipment in order to achieve specified fleet-averaged emission rates. Implementation of this regulation, in conjunction with stringent Federal off-road equipment engine emission limits for new vehicles, will significantly reduce emissions of DPM and NO_X.

Bay Area Air Quality Management District (BAAQMD)

BAAQMD has jurisdiction over an approximately 5,600-square mile area, commonly referred to as the San Francisco Bay Area (Bay Area). The District's boundary encompasses the nine San Francisco Bay Area counties, including Alameda County, Contra Costa County, Marin County, San Francisco County, San Mateo County, Santa Clara County, Napa County, southwestern Solano County and southern Sonoma County.

BAAQMD is the lead agency in developing plans to address attainment and maintenance of the National Ambient Air Quality Standards and California Ambient Air Quality Standards. The District also has permit authority over most types of stationary equipment utilized for the proposed project. The BAAQMD is responsible for permitting and inspection of stationary sources; enforcement of regulations, including setting fees, levying fines, and enforcement actions; and ensuring that public nuisances are minimized.

BAAQMD's Community Air Risk Evaluation (CARE) program was initiated in 2004 to evaluate and reduce health risks associated with exposures to outdoor TACs in the Bay Area.[6] The

[6] See BAAQMD: https://www.baaqmd.gov/community-health/community-health-protection-program/community-air-risk-evaluation-care-program , accessed 2/18/2021.

program examines TAC emissions from point sources, area sources, and on-road and off-road mobile sources with an emphasis on diesel exhaust, which is a major contributor to airborne health risk in California. The CARE program is an on-going program that encourages community involvement and input. The technical analysis portion of the CARE program is being implemented in three phases that includes an assessment of the sources of TAC emissions, modeling and measurement programs to estimate concentrations of TAC, and an assessment of exposures and health risks. Throughout the program, information derived from the technical analyses will be used to focus emission reduction measures in areas with high TAC exposures and high density of sensitive populations. Risk reduction activities associated with the CARE program are focused on the most at-risk communities in the Bay Area. Overburdened communities are areas located (i) within a census tract identified by the California Communities Environmental Health Screening Tool (CalEnviroScreen), Version 4.0 implemented by OEHHA, as having an overall CalEnviroScreen score at or above the 70th percentile, or (ii) within 1,000 feet of any such census tract.[7] The BAAQMD has identified six communities as impacted: Concord, Richmond/San Pablo, Western Alameda County, San José, Redwood City/East Palo Alto, and Eastern San Francisco. The project site is within the San José CARE area but not within a BAAQMD overburdened area as identified by CalEnviroScreen.

The BAAQMD *California Environmental Quality Act (CEQA) Air Quality Guidelines*[8] were prepared to assist in the evaluation of air quality impacts of projects and plans proposed within the Bay Area. The guidelines provide recommended procedures for evaluating potential air impacts during the environmental review process consistent with CEQA requirements including thresholds of significance, mitigation measures, and background air quality information. They also include assessment methodologies for air toxics, odors, and greenhouse gas emissions. In June 2010, the BAAQMD's Board of Directors adopted CEQA thresholds of significance and an update of their *CEQA Guidelines*. In May 2011, the updated BAAQMD *CEQA Air Quality Guidelines* were amended to include a risk and hazards threshold for new receptors and modify procedures for assessing impacts related to risk and hazard impacts.

City of Santa Clara 2010 – 2035 General Plan.

On November 16, 2010, the City of Santa Clara adopted the *City of Santa Clara 2010 – 2035 General Plan.*[9] The general plan includes goals, policies, and actions to reduce air pollutants and exposure to toxic air containments. The following goals, policies, and actions are applicable to the proposed project and this assessment:

5.10.2 Air Quality Goals

5.10.2-G1 Improved air quality in Santa Clara and the region.

[7] See BAAQMD: https://www.baaqmd.gov/~/media/dotgov/files/rules/reg-2-permits/2021-amendments/documents/20210722_01_appendixd_mapsofoverburdenedcommunities-pdf.pdf?la=en , accessed 11/23/2021.

[8] Bay Area Air Quality Management District, 2011. *CEQA Air Quality Guidelines*. May. (Updated May 2017)

[9] City of Santa Clara, 2010. *City of Santa Clara 2010 – 2035 General Plan*. November. Web: https://www.santaclaraca.gov/home/showdocument?id=56139

5.10.2-G2 Reduced greenhouse gas emissions that meet the State and regional goals and requirements to combat climate change.

5.10.2 Air Quality Policies

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-P6 Require "Best Management Practices" for construction dust abatement.

Significance Thresholds

In June 2010, BAAQMD adopted thresholds of significance to assist in the review of projects under CEQA and these significance thresholds were contained in the District's 2011 *CEQA Air Quality Guidelines*. These thresholds were designed to establish the level at which BAAQMD believed air pollution emissions would cause significant environmental impacts under CEQA. The thresholds were challenged through a series of court challenges and were mostly upheld. BAAQMD updated the *CEQA Air Quality Guidelines* in 2017 to include the latest significance thresholds that were used in this analysis are summarized in Table 1. Community risks are considered significant if they exceed these levels.

Table 1. BAAQMD CEQA Significance Thresholds

Criteria Air Pollutant	Construction Thresholds	Operational Thresholds	
	Average Daily Emissions (lbs./day)	Average Daily Emissions (lbs./day)	Annual Average Emissions (tons/year)
ROG	54	54	10
NO_x	54	54	10
PM_{10}	82 (Exhaust)	82	15
$PM_{2.5}$	54 (Exhaust)	54	10
CO	Not Applicable	9.0 ppm (8-hour average) or 20.0 ppm (1-hour average)	
Fugitive Dust	Construction Dust Ordinance or other Best Management Practices	None	
Health Risks and Hazards	**Single Sources Within 1,000-foot Zone of Influence**	**Combined Sources (Cumulative from all sources within 1000-foot zone of influence)**	
Excess Cancer Risk	10 per one million	100 per one million	
Hazard Index	1.0	10.0	
Incremental annual $PM_{2.5}$	0.3 µg/m^3	0.8 µg/m^3	
Greenhouse Gas Emissions			
Land Use Projects – direct and indirect emissions	Compliance with a Qualified GHG Reduction Strategy OR 1,100 metric tons annually or 4.6 metric tons per capita (for 2020) *		

Note: ROG = reactive organic gases, NOx = nitrogen oxides, PM_{10} = course particulate matter or particulates with an aerodynamic diameter of 10 micrometers (µm) or less, $PM_{2.5}$ = fine particulate matter or particulates with an aerodynamic diameter of 2.5µm or less. GHG = greenhouse gases.

*BAAQMD does not have a recommended post-2020 GHG threshold.

AIR QUALITY IMPACTS AND MITIGATION MEASURES

Impact AIR-1: Conflict with or obstruct implementation of the applicable air quality plan?

BAAQMD is the regional agency responsible for overseeing compliance with State and Federal laws, regulations, and programs within the San Francisco Bay Area Air Basin (SFBAAB). BAAQMD, with assistance from the Association of Bay Area Governments (ABAG) and Metropolitan Transportation Commission (MTC), prepares and implements specific plans to meet the applicable laws, regulations, and programs. The most recent and comprehensive of which is the *Bay Area 2017 Clean Air Plan*.[10] The primary goals of the Clean Air Plan are to attain air quality standards, reduce population exposure and protect public health, and reduce GHG emissions and protect the climate. The BAAQMD has also developed CEQA guidelines to assist lead agencies in evaluating the significance of air quality and GHG impacts. In formulating compliance strategies, BAAQMD relies on planned land uses established by local general plans. Land use planning affects vehicle travel, which, in turn, affects region-wide emissions of air pollutants and GHGs.

The 2017 Clean Air Plan, adopted by BAAQMD in April 2017, includes control measures that are intended to reduce air pollutant emissions in the Bay Area either directly or indirectly. Plans must show consistency with the control measures listed within the Clean Air Plan. At the project-level, there are no consistency measures or thresholds. The proposed project would not conflict with the latest Clean Air planning efforts since 1) project would have construction and operational emissions below the BAAQMD thresholds (see Impact 2 below), 2) the project would be considered urban infill, 3) the project would be located near employment centers, 4) the project would be located near transit with regional connections.

Impact AIR-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?

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 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 O_3, $PM_{2.5}$ and PM_{10}, the BAAQMD has established thresholds of significance for these air pollutants and their precursors. These thresholds are for O_3 precursor pollutants (ROG and NOx), PM_{10}, and $PM_{2.5}$ and apply to both construction period and operational period impacts.

Construction Period Emissions

The California Emissions Estimator Model (CalEEMod) Version 2020.4.0 was used to estimate emissions from on-site construction activity, construction vehicle trips, and evaporative

[10] Bay Area Air Quality Management District (BAAQMD), 2017. *Final 2017 Clean Air Plan.*

emissions. The project land use types and size, and anticipated construction schedule were input to CalEEMod. The CARB EMission FACtors 2021 (EMFAC2021) model was used to predict emissions from construction traffic, which includes worker travel, vendor trucks, and haul trucks.[11] The CalEEMod model output along with construction inputs are included in *Attachment 2* and EMFAC2021 vehicle emissions modeling outputs are included in *Attachment 3*.

CalEEMod Inputs

Land Use Inputs

The proposed project land uses were entered into CalEEMod as described in Table 2.

Table 2. Summary of Project Land Use Inputs

Project Land Uses	Size[12]	Units	Square Feet (sf)	Acreage
Apartments Mid Rise	110	Dwelling Unit	110,258	1.54
Enclosed Parking with Elevator	43	Parking Spaces	18,522	
Parking Lot	29	Parking Spaces	11,387	

Construction Inputs

CalEEMod computes annual emissions for construction that are based on the project type, size, and acreage. The model provides emission estimates for both on-site and off-site construction activities. On-site activities are primarily made up of construction equipment emissions, while off-site activity includes worker, hauling, and vendor traffic. The construction build-out scenario, including equipment list and schedule, were based on information provided by the project applicant.

The construction equipment worksheet provided by the applicant included the schedule for each phase. Within each phase, the quantity of equipment to be used along with the average hours per day and total number of workdays was provided. Since different equipment would have different estimates of the working days per phase, the hours per day for each phase was computed by dividing the total number of hours that the equipment would be used by the total number of days in that phase. The construction schedule assumed that the earliest possible start date would be September 2023 and the project would be built out over a period of approximately 18 months, or 376 construction workdays. The earliest year of full operation was assumed to be 2026.

[11] See CARB's EMFAC2021 Emissions Inventory at https://arb.ca.gov/emfac/emissions-inventory

[12] Sizes and square footages assessed in this analysis are based on an older project design. New project design would decrease the number of dwelling units to 108, increase the number of total parking spaces to 82, and increase the overall square footage of about 4,000-sf. However, the construction activities (i.e., schedule, equipment quantities, hours used) would not change with the updated project land uses. While emissions (i.e., ROG, Energy) would change slightly from these land uses changes, the project's criteria pollutant and GHG emissions and the community risk impacts are below the thresholds and any minor changes would cause the emissions and impacts to remain below thresholds..

Construction Truck Traffic Emissions

The latest version of the CalEEMod model is based on the older version of the CARB EMFAC2017 motor vehicle emission factor model. This model has been superseded by the EMFAC2021 model; however, CalEEMod has not been updated to include EMFAC2021. Construction would produce traffic in the form of worker trips and truck traffic. The traffic-related emissions are based on worker and vendor trip estimates produced by CalEEMod and haul trips that were computed based on the estimate of demolition material to be exported, soil material imported and/or exported to the site, and the estimate of cement and asphalt truck trips. CalEEMod provides daily estimates of worker and vendor trips for each applicable phase. The total trips for those were computed by multiplying the daily trip rate by the number of days in that phase. Haul trips for demolition and grading were estimated from the provided demolition and grading volumes. The number of concrete and asphalt total haul trips were estimated based on the building and pavement square footages and converted to total one-way trips, assuming two trips per round-trip delivery.

The construction traffic information was combined with EMFAC2021 motor vehicle emissions factors. EMFAC2021 provides aggregate emission rates in grams per mile for each vehicle type. The vehicle mix for this study was based on CalEEMod default assumptions, where worker trips are assumed to be comprised of light-duty autos (EMFAC category LDA) and light duty trucks (EMFAC category LDT1and LDT2). Vendor trips are comprised of delivery and large trucks (EMFAC category MHDT and HHDT) and haul trips, including cement trucks, are comprised of large trucks (EMFAC category HHDT). Travel distances are based on CalEEMod default lengths, which are 10.8 miles for worker travel, 7.3 miles for vendor trips and 20 miles for hauling (demolition material export and soil import/export). Since CalEEMod does not address cement trucks, these were treated as vendor travel distances. Each trip was assumed to include an idle time of 5 minutes. Emissions associated with vehicle starts were also included. On road emissions in Santa Clara County for the years 2023 - 2025 were used in these calculations. Table 3 provides the traffic inputs that were combined with the EMFAC2021 emission database to compute vehicle emissions.

Table 3. Construction Traffic Data Used for EMFAC2021 Model Runs

CalEEMod Run/Land Uses and Construction Phase	Trips by Trip Type			Notes
	Total Worker[1]	Total Vendor[1]	Total Haul[2]	
Vehicle mix[1]	50% LDA 25% LDT1 25% LDT2	50% MHDT 50% HHDT	100% HHDT	
Trip Length (miles)	10.8	7.3	20.0 (Demo/Soil) 7.3 (Cement/Asphalt)	CalEEMod default distance with 5-min truck idle time.
Demolition	260	-	332	15,200-sf of existing building demolition and 29,568-sf of pavement demolition. CalEEMod default worker trips.
Site Preparation	160	-	-	CalEEMod default worker trips.
Grading	300	-	263	2,105-cy soil export. CalEEMod default worker trips.
Trenching	100	-	-	CalEEMod default worker trips.
Building Construction	15,840	3,200	306	Estimated. 34,470-sf cement. CalEEMod default worker and vendor trips.
Architectural Coating	2,400	-	-	CalEEMod default worker trips.
Paving	120	-	30	126-cy or 10,365-sf asphalt. CalEEMod default worker trips.

Notes: [1] Based on 2023-2025 EMFAC2021 light-duty vehicle fleet mix for Santa Clara County.
[2] Includes demolition and grading trips estimated by CalEEMod based on amount of material to be removed. Cement and asphalt trips estimated based on data provided by the applicant.

Summary of Computed Construction Period Emissions

Average daily emissions were annualized for each year of construction by dividing the annual construction emissions by the number of active workdays during that year. Table 4 shows average daily construction emissions of ROG, NO_X, PM_{10} exhaust, and $PM_{2.5}$ exhaust during construction of the project. As indicated in Table 4, predicted construction period emissions would not exceed the BAAQMD significance thresholds.

Table 4. Construction Period Emissions

Year	ROG	NOx	PM_{10} Exhaust	$PM_{2.5}$ Exhaust
Construction Emissions Per Year (Tons)				
2023	0.06	0.58	0.03	0.02
2024 & 2025	0.91	1.02	0.05	0.04
Average Daily Construction Emissions Per Year (pounds/day)				
2023 (87 construction workdays)	1.42	13.35	0.60	0.53
2024 & 2025 (289 construction workdays)	6.29	7.06	0.33	0.29
BAAQMD Thresholds (pounds per day)	*54* lbs./day	*54* lbs./day	*82* lbs./day	*54* lbs./day
Exceed Threshold?	No	No	No	No

Construction activities, particularly during site preparation and grading, would temporarily generate fugitive dust in the form of PM_{10} and $PM_{2.5}$. Sources of fugitive dust would include disturbed soils at the construction site and trucks carrying uncovered loads of soils. Unless

properly controlled, vehicles leaving the site would deposit mud on local streets, which could be an additional source of airborne dust after it dries. The BAAQMD CEQA Air Quality Guidelines consider these impacts to be less-than-significant if best management practices are implemented to reduce these emissions. *Mitigation Measure AQ-1 would implement BAAQMD-recommended best management practices*.

Mitigation Measure AQ-1: Include measures to control dust and exhaust during construction.

During any construction period ground disturbance, the applicant shall ensure that the project contractor implement measures to control dust and exhaust. Implementation of the measures recommended by BAAQMD and listed below would reduce the air quality impacts associated with grading and new construction to a less-than-significant level. Additional measures are identified to reduce construction equipment exhaust emissions. The contractor shall implement the following best management practices that are required of all projects:

1. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.

2. All haul trucks transporting soil, sand, or other loose material off-site shall be covered.

3. 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.

4. All vehicle speeds on unpaved roads shall be limited to 15 miles per hour (mph).

5. 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.

6. 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.

7. 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.

8. 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.

Effectiveness of Recommended Measure AQ-1

The measures above are consistent with BAAQMD-recommended basic control measures for reducing fugitive particulate matter that are contained in the BAAQMD CEQA Air Quality Guidelines.

Operational Period Emissions

Operational air emissions from the project would be generated primarily from autos driven by future residents. Evaporative emissions from architectural coatings and maintenance products (classified as consumer products) are typical emissions from these types of uses. CalEEMod was used to estimate emissions from operation of the proposed project assuming full build-out.

CalEEMod Inputs

Land Uses

The project land uses were input to CalEEMod as described above for the construction period modeling.

Model Year

Emissions associated with vehicle travel depend on the year of analysis because emission control technology requirements are phased-in over time. Therefore, the earlier the year analyzed in the model, the higher the emission rates utilized by CalEEMod. The earliest year of full operation would be 2026 if construction begins in 2023. Emissions associated with build-out later than 2026 would be lower.

Traffic Information

CalEEMod allows the user to enter specific vehicle trip generation rates. Therefore, the project-specific daily trip generation rate provided by the traffic consultant was entered into the model.[13] The project would produce 586 net daily trips taking into account the *Transit Reduction.* The daily trip generation was calculated using the size of the project land uses and the adjusted total automobile trips per land use. The Saturday and Sunday trip rates were adjusted by multiplying the ratio of the CalEEMod default rates for Saturday and Sunday trips to the default weekday rate with the project-specific daily weekday trip rate. The default lengths specified by CalEEMod were used.

EMFAC2021 Adjustment

The vehicle emission factors and fleet mix used in CalEEMod are based on EMFAC2017, which is an older CARB emission inventory for on road and off-road mobile sources. Since the release

[13] Email correspondence with Amber Sharpe, Project Manager, David J. Powers & Associates, Inc., October 13, 2021, *Attachment: 1601 Civic Center Dr_TripGen 2021-09-22.*

of CalEEMod Version 2020.4.0, new emission factors have been produced by CARB. EMFAC2021 became available for use in January 2021. It includes the latest data on California's car and truck fleets and travel activity. The CalEEMod vehicle emission factors and fleet mix were updated with the emission rates and fleet mix from EMFAC2021, which were adjusted with the CARB EMFAC off-model adjustment factors. On road emission rates from 2026 Santa Clara County were used (See *Attachment 3*). More details about the updates in emissions calculation methodologies and data are available in the EMFAC2021 Technical Support Document.[14]

Energy

CalEEMod defaults for energy use were used, which include the 2019 Title 24 Building Standards. GHG emissions modeling includes those indirect emissions from electricity consumption. The electricity produced emission rate was modified in CalEEMod. CalEEMod has a default emission factor of 307.98 pounds of CO_2 per megawatt of electricity produced, which is based on Silicon Valley Power's 2021 emissions rate.

The county of Santa Clara has passed a reach code that bans the usage of natural gas in new buildings.[15] As a result, the natural gas usage in CalEEMod was set to 0 and added into the project's electricity usage.

Project Generator

The project proposes to include one stand-by, 75-horsepower electric emergency generator to power certain portions of the project site in the event of a power failure. The generator was not modeled in CalEEMod since it is electric and not expected to have emissions like a diesel-powered or natural gas-powered emergency generator. As a result, no further analysis of the generator is needed.

Other Inputs

Default model assumptions for emissions associated with solid waste generation use were applied to the project. Water/wastewater use were changed to 100 percent aerobic conditions to represent wastewater treatment plant conditions since the project site would not send wastewater to septic tanks or facultative lagoons. Further, it was assumed that no hearths or fireplaces would be installed as part of the project per BAAQMD Regulation 6, Rule 3, which requires that new building construction not install a wood-burning device (effective as of November 1, 2016).[16]

[14] See CARB 2021: https://ww2.arb.ca.gov/our-work/programs/mobile-source-emissions-inventory/road-documentation/msei-modeling-tools-emfac

[15] County of Santa Clara website. URL: https://news.sccgov.org/news-release/county-santa-clara-require-all-electric-heating-and-appliances-electric-vehicle-hook

[16] Bay Area Air Quality Management District, https://www.baaqmd.gov/~/media/dotgov/files/rules/regulation-6-rule-3/documents/20191120_r0603_final-pdf.pdf?la=en

Existing Uses

A CalEEMod model run was not developed to compute emissions from use of the existing land since the existing building is vacant.

Summary of Computed Operational Period Emissions

Annual emissions were predicted using CalEEMod. The daily emissions were estimated assuming 365 days of operation. Table 5 shows average daily emissions of ROG, NO_X, total PM_{10}, and total $PM_{2.5}$ during operation of the project. The operational period emissions would not exceed the BAAQMD significance thresholds.

Table 5. Operational Period Emissions

Scenario	ROG	NOx	PM_{10}	$PM_{2.5}$
2026 Project Operational Emissions (*tons/year*)	0.85	0.22	0.44	0.12
BAAQMD Thresholds (tons /year)	*10 tons*	*10 tons*	*15 tons*	*10 tons*
Exceed Thresholds?	No	No	No	No
2026 Project Operational Emissions (*lbs./day*)[1]	4.65	1.22	2.43	0.64
BAAQMD Thresholds (lbs./day)	*54 lbs.*	*54 lbs.*	*82 lbs.*	*54 lbs.*
Exceed Threshold?	No	No	No	No

Notes: [1] Assumes 365-day operation.

Impact AIR-3: Expose sensitive receptors to substantial pollutant concentrations?

Project impacts related to increased community risk can occur either by introducing a new source of TACs with the potential to adversely affect existing sensitive receptors in the project vicinity or by significantly exacerbating existing cumulative TAC impacts. This project would introduce new sources of TACs during construction (i.e., on-site construction and truck hauling emissions) and operation (i.e., mobile sources).

Project construction activity would generate dust and equipment exhaust that would affect nearby sensitive receptors. The project would not include the installation of any emergency generators powered by a diesel engine but would generate some traffic consisting of mostly light-duty gasoline-powered vehicles, which would produce TAC and air pollutant emissions.

Project impacts to existing sensitive receptors were addressed for temporary construction activities and long-term operational conditions. There are also several sources of existing TACs and localized air pollutants in the vicinity of the project. The impact of the existing sources of TAC was also assessed in terms of the cumulative risk which includes the project contribution, as well as the risk on the new sensitive receptors introduced by the project.

Community Risk Methodology for Construction and Operation

Community risk impacts were addressed by predicting increased cancer risk, the increase in annual $PM_{2.5}$ concentrations and computing the Hazard Index (HI) for non-cancer health risks.

The risk impacts from the project are the combination of risks from construction and operation sources. These sources include on-site construction activity, construction truck hauling, and increased traffic from the project. To evaluate the increased cancer risks from the project, a 30-year exposure period was used, per BAAQMD guidance,[17] with the sensitive receptors being exposed to both project construction and operation emissions during this timeframe.

The project increased cancer risk is computed by summing the project construction cancer risk and operation cancer risk contributions. Unlike, the increased maximum cancer risk, the annual $PM_{2.5}$ concentration and HI values are not additive but based on the annual maximum values for the entirety of the project. The project maximally exposed individual (MEI) is identified as the sensitive receptor that is most impacted by the project's construction and operation.

The methodology for computing community risks impacts is contained in *Attachment 1*. This involved the calculation of TAC and $PM_{2.5}$ emissions, dispersion modeling of these emissions, and computations of cancer risk and non-cancer health effects.

Modeled Sensitive Receptors

Receptors for this assessment included locations where sensitive populations would be present for extended periods of time (i.e., chronic exposures). This includes the existing adjacent residences to the west of the site and other existing residences to the northwest, southwest, and east, and south of the site, as shown in Figure 1. Residential receptors are assumed to include all receptor groups (i.e., third trimester, infants, children, and adults) with almost continuous exposure to project emissions.

Community Health Risk from Project Construction

Construction equipment and associated heavy-duty truck traffic generates diesel exhaust, which is a known TAC. These exhaust air pollutant emissions would not be considered to contribute substantially to existing or projected air quality violations. Construction exhaust emissions may still pose health risks for sensitive receptors such as surrounding residents. The primary community risk impact issue associated with construction emissions are cancer risk and exposure to $PM_{2.5}$. Diesel exhaust poses both a potential health and nuisance impact to nearby receptors. A health risk assessment of the project construction activities was conducted that evaluated potential health effects to nearby sensitive receptors from construction emissions of DPM and $PM_{2.5}$.[18] This assessment included dispersion modeling to predict the offsite and onsite concentrations resulting from project construction, so that lifetime cancer risks and non-cancer health effects could be evaluated.

[17] BAAQMD, 2016. *BAAQMD Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines*. December 2016.

[18] DPM is identified by California as a toxic air contaminant due to the potential to cause cancer.

Construction Emissions

The CalEEMod and EMFAC2021 models provided total annual PM_{10} exhaust emissions (assumed to be DPM) for the off-road construction equipment and for exhaust emissions from on-road vehicles, with total emissions from all construction stages as 0.07 tons (130 pounds). The on-road emissions are a result of haul truck travel during demolition and grading activities, worker travel, and vendor deliveries during construction. A trip length of one mile was used to represent vehicle travel while at or near the construction site. It was assumed that these emissions from on-road vehicles traveling at or near the site would occur at the construction site. Fugitive $PM_{2.5}$ dust emissions were calculated by CalEEMod and EMFAC2021 as 0.07 tons (143 pounds) for the overall construction period. The yearly emissions are included in *Attachment 4*.

Dispersion Modeling

To represent the construction equipment exhaust emissions, an area source emission release height of 20 feet (6 meters) was used for the area sources.[19] The release height incorporates both the physical release height from the construction equipment (i.e., the height of the exhaust pipe) and plume rise after it leaves the exhaust pipe. Plume rise is due to both the high temperature of the exhaust and the high velocity of the exhaust gas. It should be noted that when modeling an area source, plume rise is not calculated by the AERMOD dispersion model as it would do for a point source (exhaust stack). Therefore, the release height from an area source used to represent emissions from sources with plume rise, such as construction equipment, should be based on the height the exhaust plume is expected to achieve, not just the height of the top of the exhaust pipe.

For modeling fugitive $PM_{2.5}$ emissions, a near-ground level release height of 7 feet (2 meters) was used for the area source. Fugitive dust emissions at construction sites come from a variety of sources, including truck and equipment travel, grading activities, truck loading (with loaders) and unloading (rear or bottom dumping), loaders and excavators moving and transferring soil and other materials, etc. All of these activities result in fugitive dust emissions at various heights at the point(s) of generation. Once generated, the dust plume will tend to rise as it moves downwind across the site and exit the site at a higher elevation than when it was generated. For all these reasons, a 7-foot (2 meter) release height was used as the average release height across the construction site. Emissions from the construction equipment and on-road vehicle travel were distributed throughout the modeled area sources.

AERMOD Inputs and Meteorological Data

The modeling used a five-year data set (2013-2017) of hourly meteorological data from the San José Airport prepared for use with the AERMOD model by BAAQMD. Construction emissions were modeled as occurring daily between 7:00 a.m. to 3:00 p.m., when the majority of construction activity would occur as provided by the applicant. Annual DPM and $PM_{2.5}$ concentrations from construction activities during the 2023-2025 period were calculated using the model. DPM and $PM_{2.5}$ concentrations were calculated at nearby sensitive receptors.

[19] California Air Resource Board, 2007. *Proposed Regulation for In-Use Off-Road Diesel Vehicles, Appendix D: Health Risk Methodology*. April. Web: https://ww3.arb.ca.gov/regact/2007/ordiesl07/ordiesl07.htm

Receptor heights of 5 feet (1.5 meters), 15 feet (4.5 meters), and 25 feet (7.6 meters) were used to represent the breathing height on the first, second, and third floors of nearby single- and multi-family residences.[20]

Summary of Construction Community Risk Impacts

The increased cancer risk calculations were based on applying the BAAQMD recommended age sensitivity factors to the TAC concentrations, as described in *Attachment 1*. Age-sensitivity factors reflect the greater sensitivity of infants and children to cancer causing TACs. The range of infant through adult exposures were assumed to occur at all residences. Infant exposure at residences was used as a worst-case assumption, while child and adult exposures would be less.

The maximum modeled annual $PM_{2.5}$ concentration was calculated based on combined exhaust and fugitive concentrations. The maximum computed HI values was based on the ratio of the maximum DPM concentration modeled and the chronic inhalation reference exposure level of 5 $\mu g/m^3$.

The maximum modeled annual DPM and $PM_{2.5}$ concentrations, which include both the DPM and fugitive $PM_{2.5}$ concentrations, were identified at nearby sensitive receptors to find the MEI. Results indicated that the total $PM_{2.5}$ concentration MEI was located on the first floor (5 feet above ground) of the single-family residence adjacent to the west of the project site and the cancer risk MEI was located on the first floor (5 feet above ground) of the single-family residence adjacent to the north of the $PM_{2.5}$ concentration MEI. The location of the MEIs are shown in Figure 1. Table 6 summarizes the maximum cancer risks, $PM_{2.5}$ concentrations, and health hazard indexes for project related construction activities. *Attachment 4* to this report includes the emission calculations used for the construction modeling and the cancer risk calculations.

Community Risks from Project Operation – Traffic and Stationary Equipment

Stationary equipment that could emit substantial TACs (e.g., emergency generators) are not planned for this project. Operation of the project would have long-term emissions from mobile sources (i.e., traffic). Per BAAQMD recommended risks and methodology, a road with less than 10,000 total vehicles per day is considered a low-impact source of TACs.[21] This project would generate 586 net daily trips[22] dispersed on the roadway system with a majority of the trips being from light-duty vehicles (i.e., passenger automobiles), which is a fraction of 10,000 daily vehicles. Therefore, emissions from project traffic are considered negligible and not included within this analysis.

[20] Bay Area Air Quality Management District, 2012, Recommended Methods for Screening and Modeling Local Risks and Hazards, Version 3.0. May. Web: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/risk-modeling-approach-may-2012.pdf?la=en

[21] Bay Area Air Quality Management District, 2012, *Recommended Methods for Screening and Modeling Local Risks and Hazards, Version 3.0.* May. Web: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/risk-modeling-approach-may-2012.pdf?la=en

[22] Email correspondence with Amber Sharpe, Project Manager, David J. Powers & Associates, Inc., October 13, 2021, *Attachment: 1601 Civic Center Dr_TripGen 2021-09-22*.

Summary of Project-Related Community Risks at the Offs-Site Project MEIs

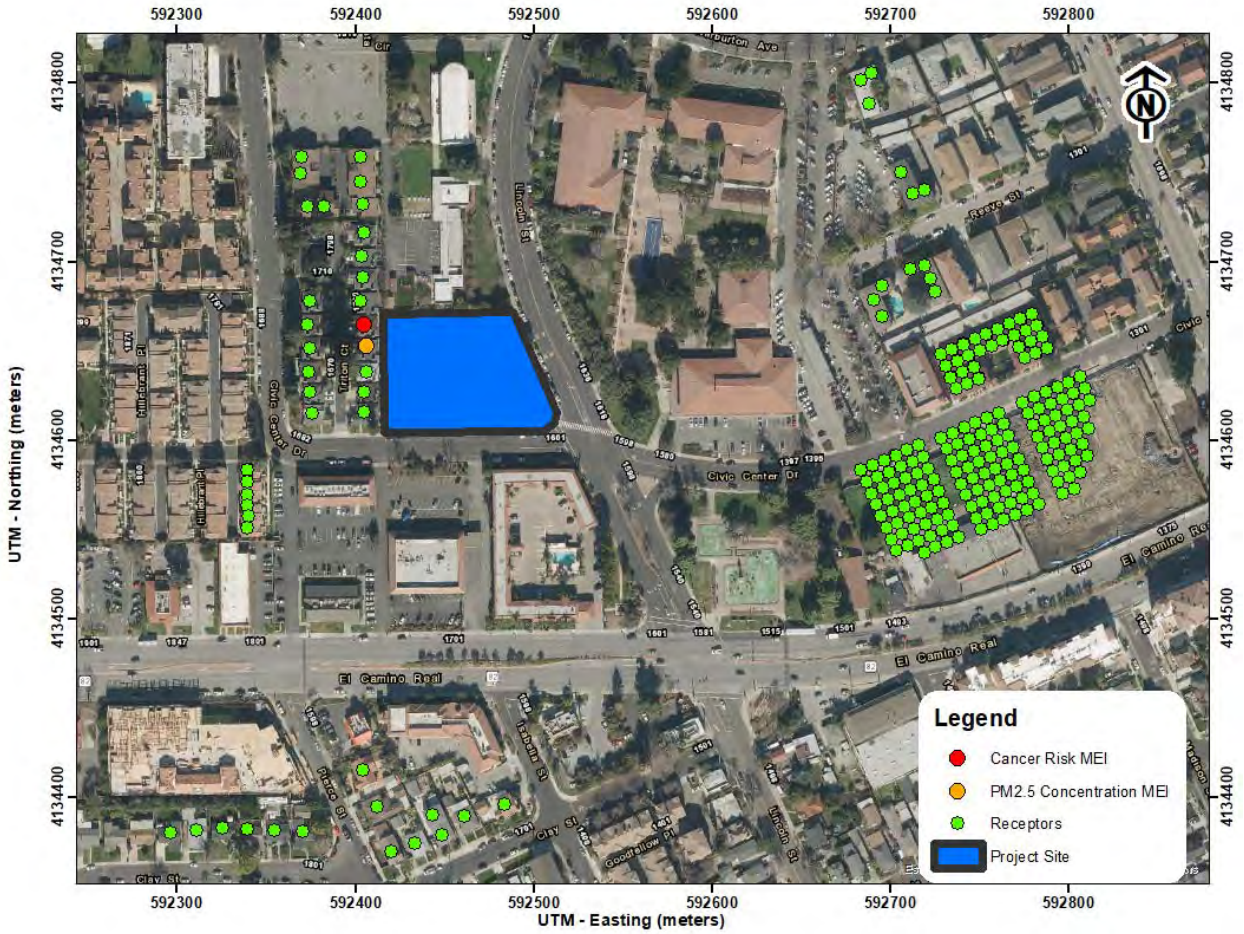
For this project, the sensitive receptors identified in Figure 1 as the construction MEIs are also the project MEIs. At these locations, the MEIs would be exposed to two years of construction cancer risks. The annual $PM_{2.5}$ concentration and HI values are based on an annual maximum risk for the entirety of the project. As shown in Table 6, the unmitigated maximum cancer risks from construction activities at the cancer risk MEI location would exceed the BAAQMD single-source significance threshold and the unmitigated $PM_{2.5}$ concentration at the $PM_{2.5}$ concentration MEI location would be above the BAAQMD single-source significance threshold. However, with the incorporation of the *Mitigation Measure AQ-1 and AQ-2*, the mitigated risk and hazard values would no longer exceed the BAAQMD single-source significance thresholds.

Table 6. Construction and Operation Risk Impacts at the Off-Site Project MEIs

Source		Cancer Risk[1] (per million)	Annual $PM_{2.5}$[1] ($\mu g/m^3$)	Hazard Index
Project Construction	Unmitigated	**23.70 (infant)**	**0.36**	0.02
	Mitigated[2]	5.99 (infant)	0.15	<0.01
BAAQMD Single-Source Threshold		***10***	***0.3***	***1.0***
Exceed Threshold?	Unmitigated	***Yes***	***Yes***	*No*
	Mitigated[2]	*No*	*No*	*No*

Notes: [1] Maximum cancer risk and $PM_{2.5}$ concentration occur at different receptors on the first floor.
[2] Construction equipment with Tier 4 engines and BMPs as Mitigation Measures.

Figure 1. Locations of Project Construction Site, Point Sources, Off-Site Sensitive Receptors, and TAC Impacts (MEI)

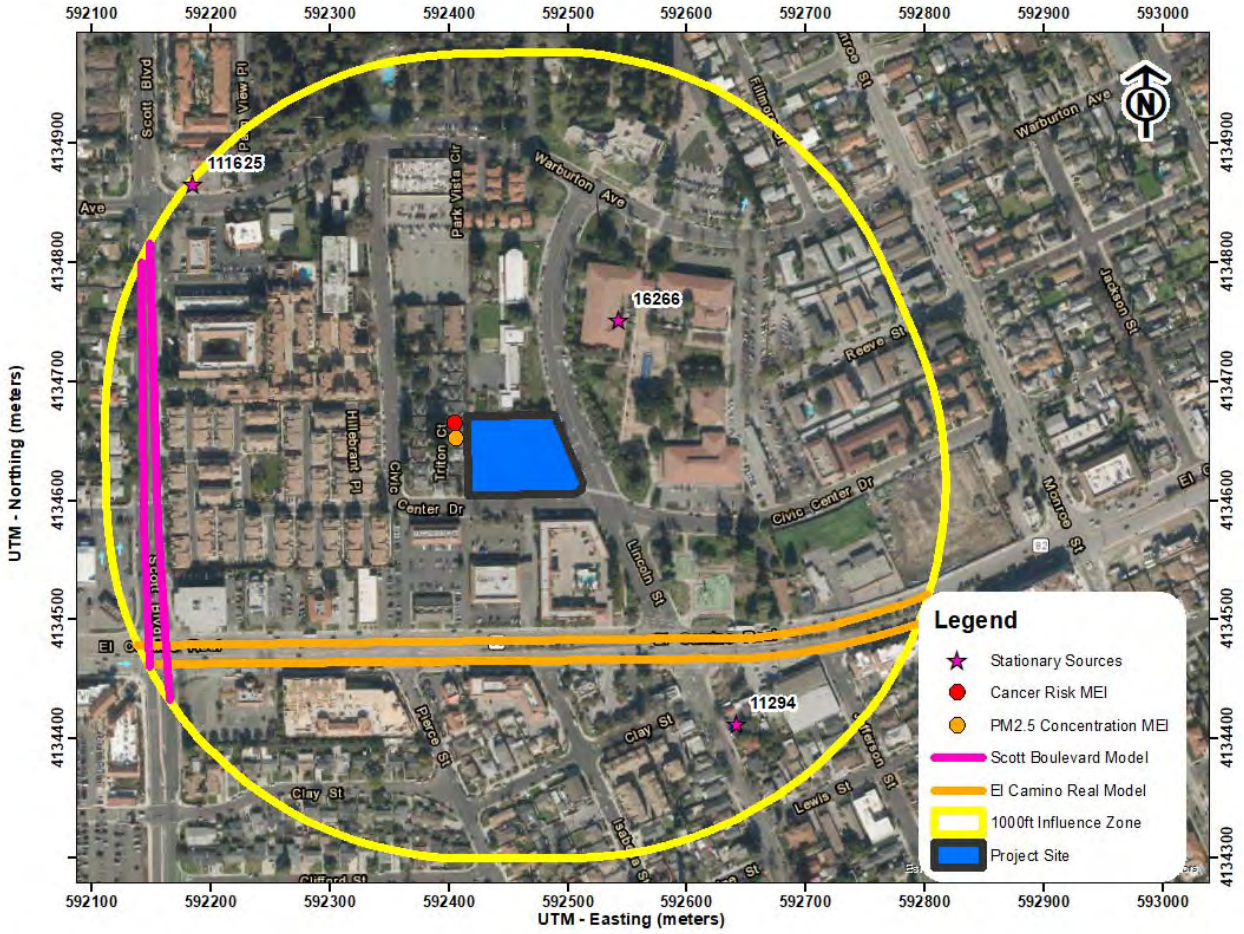


Cumulative Community Risks of all TAC Sources at the Off-site Project MEIs

Community health risk assessments typically look at all substantial sources of TACs that can affect sensitive receptors that are located within 1,000 feet of a project site (i.e., influence area). These sources include railroads, freeways or highways, busy surface streets, and stationary sources identified by BAAQMD.

A review of the project area and based on provided traffic information indicates that traffic on El Camino Real and Scott Boulevard would exceed 10,000 vehicles per day. Other nearby streets are assumed to have less than 10,000 vehicles per day. A review of BAAQMD's stationary source map website identified five stationary sources with the potential to affect the project MEIs. Figure 2 shows the location of the sources affecting the MEIs. Community risk impacts from these sources upon the MEIs are reported in Tables 7. Details of the modeling and community risk calculations are included in *Attachment 5*.

Figure 2. Project Site and Nearby TAC and $PM_{2.5}$ Sources



Local Roadways – El Camino Real and Scott Boulevard

A refined analysis of potential health impacts from vehicle traffic on the El Camino Real and Scott Boulevard was conducted since both roadways were estimated to have average daily traffic (ADT) exceeding 10,000 vehicles. The refined analysis involved predicting emissions for the traffic volume and mix of vehicle types on both roadways near the project site and using an atmospheric dispersion model to predict exposure to TACs. The associated cancer risks are then computed based on the modeled exposures. *Attachment 1* includes a description of how community risk impacts, including cancer risk are computed.

Traffic Emissions Modeling

This analysis involved the development of DPM, organic TACs, and $PM_{2.5}$ emissions for traffic on El Camino Real and Scott Boulevard using the Caltrans version of the CARB EMFAC2017 emissions model, known as CT-EMFAC2017. CT-EMFAC2017 provides emission factors for mobile source criteria pollutants and TACs, including DPM. Emission processes modeled include running exhaust for DPM, $PM_{2.5}$ and total organic compounds (TOG), running evaporative losses for TOG, and tire and brake wear and fugitive road dust for $PM_{2.5}$. All $PM_{2.5}$

emissions from all vehicles were used, rather than just the $PM_{2.5}$ fraction from diesel powered vehicles, because all vehicle types (i.e., gasoline and diesel powered) produce $PM_{2.5}$. Additionally, $PM_{2.5}$ emissions from vehicle tire and brake wear and from re-entrained roadway dust were included in these emissions. DPM emissions are projected to decrease in the future and are reflected in the CT-EMFAC2017 emissions data. Inputs to the model include region (Santa Clara County), type of road (major/collector), truck percentage for non-state highways in Santa Clara County (3.51 percent),[23] traffic mix assigned by CT-EMFAC2017 for the county, year of analysis (2023 – main construction start year), and season (annual).

To estimate TAC and $PM_{2.5}$ emissions over the 30-year exposure period used for calculating the increased cancer risks for sensitive receptors at the MEI and project site, the CT-EMFAC2017 model was used to develop vehicle emission factors for the year 2023 (main project construction year). Emissions associated with vehicle travel depend on the year of analysis because emission control technology requirements are phased-in over time. Therefore, the earlier the year analyzed in the model, the higher the emission rates utilized by CT-EMFAC2017. Year 2023 emissions were conservatively assumed as being representative of future conditions over the time period that cancer risks are evaluated since, as discussed above, overall vehicle emissions, and in particular diesel truck emissions, will decrease in the future.

The ADTs on El Camino Real and Scott Boulevard were based on AM and PM peak-hour cumulative plus project traffic volumes from traffic information provided for nearby projects.[24] Assuming a 1 percent per year increase, the predicted ADT on El Camino Real would be 26,400 vehicles, and 21,762 vehicles on Scott Boulevard. Average hourly traffic distributions for Santa Clara County roadways were developed using the EMFAC model,[25] which were then applied to the ADT volumes to obtain estimated hourly traffic volumes and emissions for the roadway. For all hours of the day, an average speed of 35 mph on each roadway was assumed for all vehicles based on posted speed limit signs on the roadways.

Dispersion Modeling

Dispersion modeling of TAC and $PM_{2.5}$ emissions was conducted using the U.S. EPA AERMOD dispersion model, which is recommended by the BAAQMD for this type of analysis.[26] TAC and $PM_{2.5}$ emissions from traffic on El Camino Real and Scott Boulevard within about 1,000 feet of the project site was evaluated with the model. Emissions from vehicle traffic were modeled in AERMOD using a series of volume sources along a line (line volume sources), with line segments used to represent the opposing travel lanes on each roadway. The same meteorological data and off-site sensitive receptors used in the previous dispersion modeling were used in the roadway modeling. Other inputs to the model included road geometry, hourly traffic emissions,

[23] Bay Area Air Quality Management District, 2012, *Recommended Methods for Screening and Modeling Local Risks and Hazards, Version 3.0.* May. Web: https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/risk-modeling-approach-may-2012.pdf?la=en

[24] Traffic data from Prometheus Mixed-Use Development project, *Illingworth & Rodkin, Inc. Project 16-037.*

[25] The Burden output from EMFAC2007, a previous version of CARB's EMFAC model, was used for this since the current web-based version of EMFAC2014 does not include Burden type output with hour-by-hour traffic volume information.

[26] BAAQMD. *Recommended Methods for Screening and Modeling Local Risks and Hazards*. May 2012

and receptor locations and heights. Annual TAC and $PM_{2.5}$ concentrations for 2023 from traffic on each roadway was calculated using the model. Concentrations were calculated at the project MEIs with receptor heights of 5 feet (1.5 meters) to represent the breathing heights on the first floor of the nearby residences.

Computed Cancer and Non-Cancer Health Impacts

The cancer risk, $PM_{2.5}$ concentration, and HI impacts from El Camino Real and Scott Boulevard on the project MEIs are shown in Table 7. Figure 2 shows the roadway links used for the modeling and receptor locations where concentrations were calculated. Details of the emission calculations, dispersion modeling, and cancer risk calculations for the receptors with the maximum cancer risk from El Camino Real and Scott Boulevard traffic are provided in *Attachment 5*.

BAAQMD Permitted Stationary Sources

Permitted stationary sources of air pollution near the project site were identified using BAAQMD's *Permitted Stationary Sources 2018* geographic information system (GIS) map website.[27] This mapping tool identifies the location of nearby stationary sources and their estimated risk and hazard impacts. Five sources were identified using this tool; two generators, an auto body coating operation, an underwriters lab, and a gas dispensing facility. A Stationary Source Information Form (SSIF) containing the identified sources was prepared and submitted to BAAQMD. BAAQMD provided input and clarification about the stationary sources.[28] However, stationary source #24384 is located at the current, vacant, project site that will be demolished as part of this project. Therefore, its risk and hazard levels were not included as part of this analysis. Further, stationary source #2896 could not be located at the address provided by BAAQMD. To be conservative, it was assumed the project MEIs and new sensitive receptors added as part of the project would have full exposure to the stationary source with no adjustments for distance.

The screening risk and hazard levels posted on the GIS website for the stationary source was adjusted for distance using BAAQMD's *Distance Adjustment Multiplier Tool for Diesel Internal Combustion Engines, Gas Dispensing Facilities, and Generic Engines*. Community risk impacts from the stationary sources upon the MEIs are reported in Table 7.

Summary of Cumulative Risks at Off-Site Project MEIs

Both the project and cumulative community risk impacts at the sensitive receptors most affected by construction (i.e., the MEIs) are reported in Table 7. Without mitigation, the project's community risk from project construction activities would exceed the maximum increased cancer risk and annual $PM_{2.5}$ concentration single-source thresholds. The Hazard risk values, which include unmitigated and mitigated, would not exceed the single-source threshold. With the incorporation of *Mitigation Measure AQ-1 and AQ-2*, the mitigated cancer risk and $PM_{2.5}$

[27] BAAQMD, Web: https://baaqmd.maps.arcgis.com/apps/webappviewer/index.html?id=2387ae674013413f987b1071715daa65
[28] Correspondence with Matthew Hanson, Environmental Planner, BAAQMD, November 4, 2021.

concentration would no longer exceed the BAAQMD single-source significance thresholds. In addition, the combined unmitigated cancer risk, $PM_{2.5}$ concentration, and HI values would not exceed their respective cumulative thresholds.

Table 7. Impacts from Combined Sources at Off-Site MEIs

Source		Cancer Risk (per million)	Annual $PM_{2.5}$ ($\mu g/m^3$)	Hazard Index
Project Impacts				
Project Construction	Unmitigated	**23.70 (infant)**	**0.36**	0.02
	Mitigated	5.99 (infant)	0.15	<0.01
BAAQMD Single-Source Threshold		***10***	***0.3***	***1.0***
Exceed Threshold?	Unmitigated	***Yes***	***Yes***	*No*
	Mitigated	*No*	*No*	*No*
Cumulative Impacts				
El Camino Real, ADT 26,400		0.65	0.05	<0.01
Scott Boulevard, ADT 21,762		0.27	0.03	<0.01
Underwriters Laboratories, Inc. (Facility ID #2896, Underwriters Laboratories), MEI at 0 feet		<0.01	0.02	<0.01
International Auto Center Inc (Facility ID #11294, Auto Body Coating Operation), MEI at 1000+ feet		-	-	<0.01
City of Santa Clara (Facility ID #16266, Generators), MEI at 530 feet		0.25	<0.01	<0.01
ARCO Facility #02082 – Capitol Petroleum (Facility ID #111625), MEI at 960 feet		0.26	-	<0.01
Cumulative Total	Unmitigated	<25.14	<0.47	<0.08
	Mitigated	<7.43	<0.26	<0.07
BAAQMD Cumulative Source Threshold		***100***	***0.8***	***10.0***
Exceed Threshold?	Unmitigated	*No*	*No*	*No*
	Mitigated	*No*	*No*	*No*

Mitigation Measure AQ-2: **Use construction equipment that has low diesel particulate matter exhaust to minimize emissions**

A feasible plan to reduce diesel particulate matter emissions by 60 percent such that increased cancer risk and annual $PM_{2.5}$ concentrations from construction would be reduced below significance levels is as follows:

1. All construction equipment larger than 25 horsepower used at the site for more than two continuous days or 20 hours total shall meet U.S. EPA Tier 4 emission standards for PM (PM_{10} and $PM_{2.5}$), if feasible, otherwise,

    a. If use of Tier 4 equipment is not available, alternatively use equipment that meets U.S. EPA emission standards for Tier 2 or 3 engines and include particulate matter emissions control equivalent to CARB Level 3 verifiable diesel emission control devices that altogether achieve a 60 percent reduction in particulate matter exhaust in comparison to uncontrolled equipment; alternatively (or in combination),

b. Use of electrical or non-diesel fueled equipment.

2. Alternatively, the applicant may develop another construction operations plan demonstrating that the construction equipment used on-site would achieve a reduction in construction diesel particulate matter emissions by 60 percent or greater. Elements of the plan could include a combination of some of the following measures:
    - Implementation of No. 1 above to use Tier 4 or alternatively fueled equipment,
    - Installation of electric power lines during early construction phases to avoid use of diesel generators and compressors,
    - Use of electrically-powered equipment,
    - Forklifts and aerial lifts used for exterior and interior building construction shall be electric or propane/natural gas powered,
    - Change in construction build-out plans to lengthen phases, and
    - Implementation of different building techniques that result in less diesel equipment usage.

    Such a construction operations plan would be subject to review by an air quality expert and approved by the City prior to construction.

Effectiveness of Mitigation Measure AQ-1 and AQ-2

CalEEMod was used to compute emissions associated with implementation of Mitigation Measures AQ-1 and AQ-2, assuming that all equipment met U.S. EPA Tier 4 interim engines standards and BAAQMD best management practices for construction were included. With these implemented, the project's cancer risk levels (assuming infant exposure) and annual $PM_{2.5}$ concentrations would be reduced to 5.99 per million and 0.15 $\mu g/m^3$, respectively. A plan that reduces DPM emissions by 60 percent would reduce cancer risk to about 9.5 chances per million. As a result, the project's construction risks would be reduced below the BAAQMD single-source thresholds.

Non-CEQA: On-Site Community Risk Assessment for TAC Sources - New Project Residences

In addition to evaluating health impact from project construction, a health risk assessment was completed to assess the impact existing TAC sources would have on the new proposed sensitive receptors (residents) that that project would introduce. The same TAC sources identified above were used in this health risk assessment.[29]

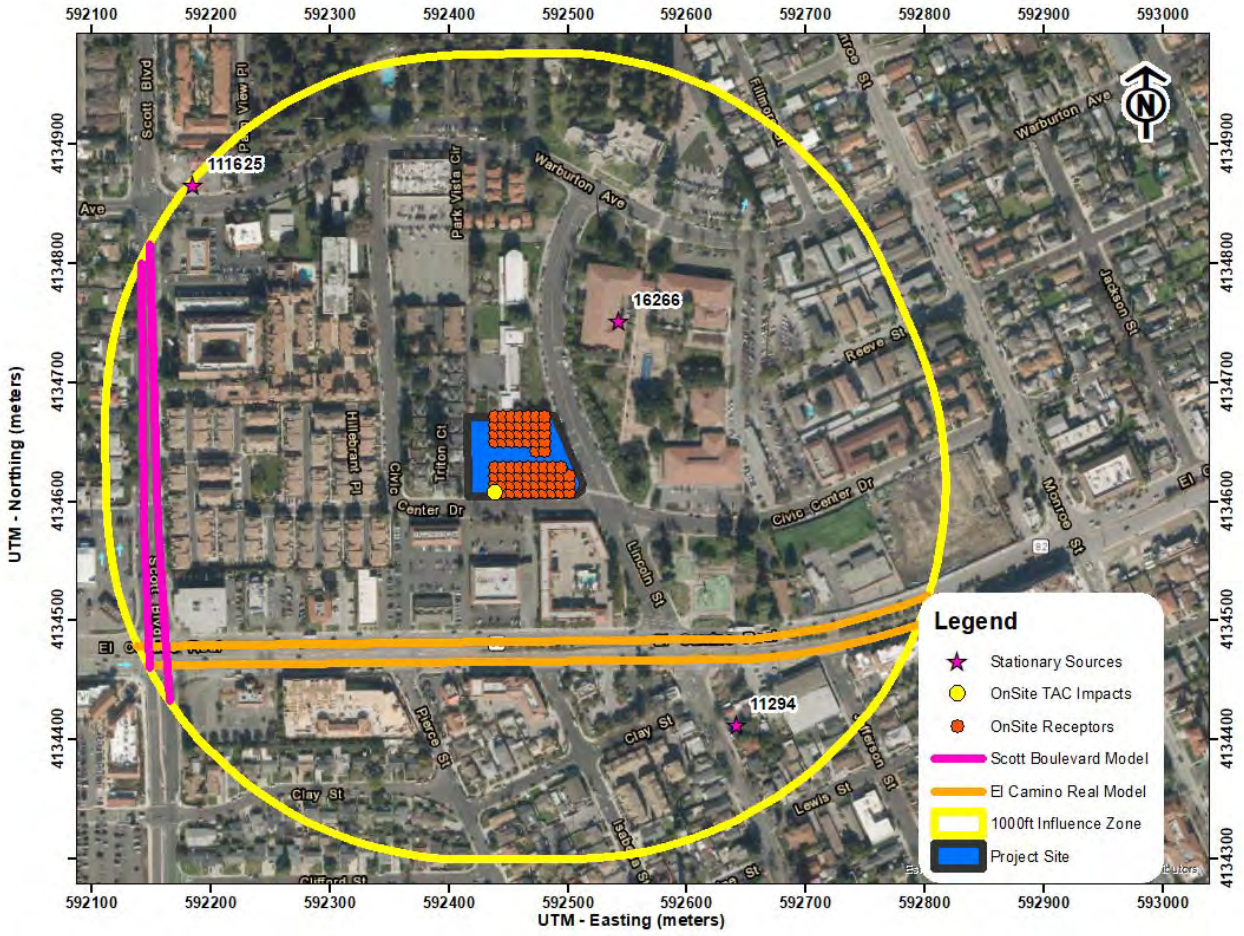
Local Roadways – El Camino Real and Scott Boulevard

The roadway analysis for the project residents was conducted in the same manner as described above for the off-site MEIs. However, year 2026 (operational year) emission factors, instead of 2023 (main construction year), were conservatively assumed as being representative of future conditions when new sensitive receptors would occupy the proposed project. Changing to the operational year results in an increased ADT on El Camino Real to 27,127 vehicles and on Scott Boulevard to 22,361 vehicles. The project set of receptors were placed in throughout the project area and were spaced every 23 feet (7 meters). Project residences in the project site would be located on the first floor and higher of the proposed building. Roadway impacts were modeled at receptor heights of 5 feet (1.5 meters), 15 feet (4.5 meters), and 25 feet (7.6 meters) representing sensitive receptors on the first, second, and third floors. Project sensitive receptors higher than the third floor would have roadway impacts less than those on the third floor. The portions of El Camino Real and Scott Boulevard included in the modeling are shown in Figure 3 along with the project site and on-site receptor locations where impacts were modeled.

Maximum increased cancer risks were calculated for the residents at the project site using the maximum modeled TAC concentrations. A 30-year exposure period was used in calculating cancer risks assuming the residents would include third trimester pregnancy and infants/children and were assumed to be in the new building area for 24 hours per day for 350 days per year. The highest impacts from El Camino Real and Scott Boulevard occurred at the first-floor receptor of the unit in the southwest corner of the proposed building closest to the roadways. Cancer risks associated with El Camino Real and Scott Boulevard are greatest closest to the roadway and decrease with distance from the road. The roadway's community risk impacts at the project site are shown in Table 8. Details of the emission calculations, dispersion modeling, and cancer risk calculations are contained in *Attachment 5.*

[29] We note that to the extent this analysis considers *existing* air quality issues in relation to the impact on *future residents* of the Project, it does so for informational purposes only pursuant to the judicial decisions in *CBIA v. BAAQMD* (2015) 62 Cal.4th 369, 386 and *Ballona Wetlands Land Trust v. City of Los Angeles* (2011) 201 Cal.App.4th 455, 473, which confirm that the impacts of the environment on a project are excluded from CEQA unless the project itself "exacerbates" such impacts.

Figure 3. Project Site, On-Site Residential Receptors, Roadway Segments Evaluated, and Locations of Maximum Roadway TAC Impacts



Stationary Sources

The stationary source screening analysis for the new project sensitive receptors was conducted in the same manner as described above for the project MEIs. Table 8 shows the health risk results from the stationary sources.

Cumulative Community Health Risk at Project Site

Community risk impacts from the combined sources upon the project site are reported in Table 8. The TAC sources are compared against the BAAQMD single-source threshold and then combined and compared against the BAAQMD cumulative-source threshold. As shown, the maximum cancer risk, and annual $PM_{2.5}$ concentrations, and HI from the nearby sources do not exceed their single-source or cumulative-source thresholds.

Table 8. Impacts from Combined Sources to Project Site Receptors

Source	Cancer Risk (per million)	Annual $PM_{2.5}$ ($\mu g/m^3$)	Hazard Index
El Camino Real, ADT 27,127	0.87	0.07	<0.01
Scott Boulevard, ADT 22,361	0.26	0.03	<0.01
Underwriters Laboratories, Inc. (Facility ID #2896, Underwriters Laboratories), MEI at 0 feet	0.01	<0.01	0.02
International Auto Center Inc (Facility ID #11294, Auto Body Coating Operation), MEI at 740+ feet	-	-	<0.01
City of Santa Clara (Facility ID #16266, Generators), MEI at 320 feet	0.63	<0.01	<0.01
ARCO Facility #02082 – Capitol Petroleum (Facility ID #111625), MEI at 980 feet	0.24	<0.01	<0.01
BAAQMD Single-Source Threshold	***>10.0***	***>0.3***	***>1.0***
Exceed Threshold?	*No*	*No*	*No*
Cumulative Total	2.01	<0.13	<0.07
BAAQMD Cumulative Source Threshold	***>100***	***>0.8***	***>10.0***
Exceed Threshold?	*No*	*No*	*No*

Impact AIR-4: Create objectionable odors affecting a substantial number of people?

The project would generate localized emissions of diesel exhaust during construction equipment operation and truck activity. These emissions may be noticeable from time to time by adjacent receptors. However, they would be localized and are not likely to adversely affect people off-site by resulting in confirmed odor complaints. The project would not include any sources of significant odors that would cause complaints from surrounding uses.

GREENHOUSE GAS EMISSIONS

Setting

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. 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, CH_4, 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 sulfur hexafluoride emissions are commonly created by industries such as aluminum production and semi-conductor manufacturing.

Each GHG has its own potency and effect upon the earth's energy balance. This is expressed in terms of a global warming potential (GWP), with CO_2 being assigned a value of 1 and sulfur hexafluoride being several orders of magnitude stronger. In GHG emission inventories, the weight of each gas is multiplied by its GWP and is measured in units of CO_2 equivalents (CO_2e).

An expanding body of scientific research supports the theory that global climate change is currently affecting 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.

Recent Regulatory Actions for GHG Emissions

Executive Order S-3-05 – California GHG Reduction Targets

Executive Order (EO) S-3-05 was signed by Governor Arnold Schwarzenegger in 2005 to set GHG emission reduction targets for California. The three targets established by this EO are as follows: (1) reduce California's GHG emissions to 2000 levels by 2010, (2) reduce California's

GHG emissions to 1990 levels by 2020, and (3) reduce California's GHG emissions by 80 percent below 1990 levels by 2050.

Assembly Bill 32 – California Global Warming Solutions Act (2006)

Assembly Bill (AB) 32, the Global Warming Solutions Act of 2006, codified the State's GHG emissions target by directing CARB to reduce the State's global warming emissions to 1990 levels by 2020. AB 32 was signed and passed into law by Governor Schwarzenegger on September 27, 2006. Since that time, the CARB, CEC, California Public Utilities Commission (CPUC), and Building Standards Commission have all been developing regulations that will help meet the goals of AB 32 and Executive Order S-3-05, which has a target of reducing GHG emissions 80 percent below 1990 levels.

A Scoping Plan for AB 32 was adopted by CARB in December 2008. It contains the State's main strategies to reduce GHGs from business-as-usual emissions projected in 2020 back down to 1990 levels. Business-as-usual (BAU) is the projected emissions in 2020, including increases in emissions caused by growth, without any GHG reduction measures. The Scoping Plan has a range of GHG reduction actions, including direct regulations, alternative compliance mechanisms, monetary and non-monetary incentives, voluntary actions, and market-based mechanisms such as a cap-and-trade system.

As directed by AB 32, CARB has also approved a statewide GHG emissions limit. On December 6, 2007, CARB staff resolved an amount of 427 million metric tons (MMT) of CO_2e as the total statewide GHG 1990 emissions level and 2020 emissions limit. The limit is a cumulative statewide limit, not a sector- or facility-specific limit. CARB updated the future 2020 BAU annual emissions forecast, in light of the economic downturn, to 545 MMT of CO_2e. Two GHG emissions reduction measures currently enacted that were not previously included in the 2008 Scoping Plan baseline inventory were included, further reducing the baseline inventory to 507 MMT of CO_2e. Thus, an estimated reduction of 80 MMT of CO_2e is necessary to reduce statewide emissions to meet the AB 32 target by 2020.

Executive Order B-30-15 & Senate Bill 32 GHG Reduction Targets – 2030 GHG Reduction Target

In April 2015, Governor Brown signed EO B-30-15, which extended the goals of AB 32, setting a greenhouse gas emissions target at 40 percent of 1990 levels by 2030. On September 8, 2016, Governor Brown signed Senate Bill (SB) 32, which legislatively established the GHG reduction target of 40 percent of 1990 levels by 2030. In November 2017, CARB issued *California's 2017 Climate Change Scoping Plan*. [30] While the State is on track to exceed the AB 32 scoping plan 2020 targets, this plan is an update to reflect the enacted SB 32 reduction target.

[30] California Air Resource Board, 2017. *California's 2017 Climate Change Scoping Plan: The Strategy for Achieving California's 2030 Greenhouse Gas Targets.* November. Web: https://ww2.arb.ca.gov/sites/default/files/classic//cc/scopingplan/scoping_plan_2017.pdf

SB 32 was passed in 2016, which codified a 2030 GHG emissions reduction target of 40 percent below 1990 levels. CARB is currently working on a second update to the Scoping Plan to reflect the 2030 target set by Executive Order B-30-15 and codified by SB 32. The proposed Scoping Plan Update was published on January 20, 2017 as directed by SB 32 companion legislation AB 197. The mid-term 2030 target is considered critical by CARB on the path to obtaining an even deeper GHG emissions target of 80 percent below 1990 levels by 2050, as directed in Executive Order S-3-05. The Scoping Plan outlines the suite of policy measures, regulations, planning efforts, and investments in clean technologies and infrastructure, providing a blueprint to continue driving down GHG emissions and obtain the statewide goals.

The new Scoping Plan establishes a strategy that will reduce GHG emissions in California to meet the 2030 target (note that the AB 32 Scoping Plan only addressed 2020 targets and a long-term goal). Key features of this plan are:

- Cap and Trade program places a firm limit on 80 percent of the State's emissions;
- Achieving a 50-percent Renewable Portfolio Standard by 2030 (currently at about 29 percent statewide);
- Increase energy efficiency in existing buildings;
- Develop fuels with an 18-percent reduction in carbon intensity;
- Develop more high-density, transit-oriented housing;
- Develop walkable and bikeable communities;
- Greatly increase the number of electric vehicles on the road and reduce oil demand in half;
- Increase zero-emissions transit so that 100 percent of new buses are zero emissions;
- Reduce freight-related emissions by transitioning to zero emissions where feasible and near-zero emissions with renewable fuels everywhere else; and
- Reduce "super pollutants" by reducing methane and hydrofluorocarbons or HFCs by 40 percent.

In the updated Scoping Plan, CARB recommends statewide targets of no more than 6 metric tons (MT) CO_2e per capita (statewide) by 2030 and no more than 2 metric tons CO_2e per capita by 2050. The statewide per capita targets account for all emissions sectors in the State, statewide population forecasts, and the statewide reductions necessary to achieve the 2030 statewide target under SB 32 and the longer-term State emissions reduction goal of 80 percent below 1990 levels by 2050.

Executive Order B-55-18 – Carbon Neutrality

In 2018, a new statewide goal was established to achieve carbon neutrality as soon as possible, but no later than 2045, and to maintain net negative emissions thereafter. CARB and other relevant state agencies are tasked with establishing sequestration targets and create policies/programs that would meet this goal.

Senate Bill 375 – California's Regional Transportation and Land Use Planning Efforts (2008)

California enacted legislation (SB 375) to expand the efforts of AB 32 by controlling indirect GHG emissions caused by urban sprawl. SB 375 provides incentives for local governments and applicants to implement new conscientiously planned growth patterns. This includes incentives for creating attractive, walkable, and sustainable communities and revitalizing existing communities. The legislation also allows applicants to bypass certain environmental reviews under CEQA if they build projects consistent with the new sustainable community strategies. Development of more alternative transportation options that would reduce vehicle trips and miles traveled, along with traffic congestion, would be encouraged. SB 375 enhances CARB's ability to reach the AB 32 goals by directing the agency in developing regional GHG emission reduction targets to be achieved from the transportation sector for 2020 and 2035. CARB works with the metropolitan planning organizations (e.g. Association of Bay Area Governments [ABAG] and Metropolitan Transportation Commission [MTC]) to align their regional transportation, housing, and land use plans to reduce vehicle miles traveled and demonstrate the region's ability to attain its GHG reduction targets. A similar process is used to reduce transportation emissions of ozone precursor pollutants in the Bay Area.

Senate Bill 350 - Renewable Portfolio Standards

In September 2015, the California Legislature passed SB 350, which increases the states Renewables Portfolio Standard (RPS) for content of electrical generation from the 33 percent target for 2020 to a 50 percent renewables target by 2030.

Senate Bill 100 – Current Renewable Portfolio Standards

In September 2018, SB 100 was signed by Governor Brown to revise California's RPS program goals, furthering California's focus on using renewable energy and carbon-free power sources for its energy needs. The bill would require all California utilities to supply a specific percentage of their retail sales from renewable resources by certain target years. By December 31, 2024, 44 percent of the retails sales would need to be from renewable energy sources, by December 31, 2026 the target would be 40 percent, by December 31, 2017 the target would be 52 percent, and by December 31, 2030 the target would be 60 percent. By December 31, 2045, all California utilities would be required to supply retail electricity that is 100 percent carbon-free and sourced from eligible renewable energy resource to all California end-use customers.

California Building Standards Code – Title 24 Part 11 & Part 6

The California Green Building Standards Code (CALGreen Code) is part of the California Building Standards Code under Title 24, Part 11.[31] The CALGreen Code encourages sustainable construction standards that involve planning/design, energy efficiency, water efficiency resource efficiency, and environmental quality. These green building standard codes are mandatory

[31] See: https://www.dgs.ca.gov/BSC/Resources/Page-Content/Building-Standards-Commission-Resources-List-Folder/CALGreen#:~:text=CALGreen%20is%20the%20first%2Din,to%201990%20levels%20by%202020.

statewide and are applicable to residential and non-residential developments. The most recent CALGreen Code (2019 California Building Standard Code) was effective as of January 1, 2020.

The California Building Energy Efficiency Standards (California Energy Code) is under Title 24, Part 6 and is overseen by the California Energy Commission (CEC). This code includes design requirements to conserve energy in new residential and non-residential developments, while being cost effective for homeowners. This Energy Code is enforced and verified by cities during the planning and building permit process. The current energy efficiency standards (2019 Energy Code) replaced the 2016 Energy Code as of January 1,2020. Under the 2019 standards, single-family homes are predicted to be 53 percent more efficient than homes built under the 2016 standard due more stringent energy-efficiency standards and mandatory installation of solar photovoltaic systems. For nonresidential developments, it is predicted that these buildings will use 30 percent less energy due to lightening upgrades.[32]

Federal and Statewide GHG Emissions

The U.S. EPA reported that in 2018, total gross nationwide GHG emissions were 6,676.6 million metric tons (MMT) carbon dioxide equivalent (CO_2e).[33] These emissions were lower than peak levels of 7,416 MMT that were emitted in 2007. CARB updates the statewide GHG emission inventory on an annual basis where the latest inventory includes 2000 through 2017 emissions.[34] In 2017, GHG emissions from statewide emitting activities were 424 MMT. The 2017 emissions have decreased by 14 percent since peak levels in 2004 and are 7 MMT below the 1990 emissions level and the State's 2020 GHG limit. Per capita GHG emissions in California have dropped from a 2001 peak of 14.1 MT per person to 10.7 MT per person in 2017. The most recent Bay Area emission inventory was computed for the year 2011.[35] The Bay Area GHG emission were 87 MMT. As a point of comparison, statewide emissions were about 444 MMT in 2011

City of Santa Clara Climate Action Plan

The City of Santa Clara has a Climate Action Plan (CAP),[36] adopted in December 2013, that established goals and measures to reduce greenhouse gas emissions by 23% below 2008 levels by 2020, which is enough to surpass the City and State goals. However, the CAP does not have a Compliance Checklist or a specific metric ton GHG threshold for project-level construction or operation. Therefore, the BAAQMD's CEQA Air Quality Guideline's thresholds are used.

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[32] See: https://www.energy.ca.gov/sites/default/files/2020-03/Title_24_2019_Building_Standards_FAQ_ada.pdf
[33] United States Environmental Protection Agency, 2020. *Inventory of U.S. Greenhouse Gas Emissions and Sinks 1990-2018*. April. Web: https://www.epa.gov/sites/production/files/2020-04/documents/us-ghg-inventory-2020-main-text.pdf
[34] CARB. 2019. *2019 Edition, California Greenhouse Gas Emission Inventory: 2000 – 2017*. Web: https://ww3.arb.ca.gov/cc/inventory/pubs/reports/2000_2017/ghg_inventory_trends_00-17.pdf
[35] BAAQMD. 2015. *Bay Area Emissions Inventory Summary Report: Greenhouse Gases Base Year 2011*. January. Web: http://www.baaqmd.gov/~/media/files/planning-and-research/emission-inventory/by2011_ghgsummary.pdf accessed Nov. 26, 2019.
[36] City of Santa Clara, 2013. *City of Santa Clara Climate Action Plan.* December. Web: https://www.santaclaraca.gov/home/showdocument?id=10170

BAAQMD GHG Significance Thresholds

The BAAQMD's CEQA Air Quality Guidelines do not use quantified thresholds for projects that are in a jurisdiction with a qualified GHG reductions plan (i.e., a Climate Action Plan). The plan has to address emissions associated with the period that the project would operate (e.g., beyond year 2020). For quantified emissions, the guidelines recommended a GHG threshold of 1,100 metric tons or 4.6 metric tons (MT) per capita. These thresholds were developed based on meeting the 2020 GHG targets set in the scoping plan that addressed AB 32. Development of the project would occur beyond 2020, so a threshold that addresses a future target is appropriate.

Although BAAQMD has not published a quantified threshold for 2030 yet, this assessment uses a "Substantial Progress" efficiency metric of 2.8 MT CO_2e/year/service population and a bright-line threshold of 660 MT CO_2e/year based on the GHG reduction goals of EO B-30-15. The service population metric of 2.8 is calculated for 2030 based on the 1990 inventory and the projected 2030 statewide population and employment levels. [37] The 2030 bright-line threshold is a 40 percent reduction of the 2020 1,100 MT CO_2e/year threshold. Evidence published by the State indicates the AB 32 goal of reducing statewide GHG emissions to 1990 levels was met prior to 2020. Current State plans are to further reduce emissions to 40% below 1990 levels by 2030. Assuming statewide emissions are at 1990 levels or lower in 2020, it would be logical to reduce the BAAQMD-recommended threshold for meeting the AB 32 threshold by 40% to develop a threshold for 2030.

Impact GHG-1: Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

GHG emissions associated with development of the proposed project would occur over the short-term from construction activities, consisting primarily of emissions from equipment exhaust and worker and vendor trips. There would also be long-term operational emissions associated with vehicular traffic within the project vicinity, energy and water usage, and solid waste disposal. Emissions for the proposed project are discussed below and were analyzed using the methodology recommended in the BAAQMD CEQA Air Quality Guidelines.

CalEEMod Modeling

CalEEMod was used to predict GHG emissions from operation of the site assuming full build-out of the project. The project land use types and size and other project-specific information were input to the model, as described above within the operational period emissions. CalEEMod output is included in *Attachment 2*.

Service Population

The project service population efficiency rate is based on the number of future residents and full-time employees. For this project, the number of future residents was estimated by multiplying the

[37] Bay Area Air Quality Management District, 2016. *CLE International 12th Annual Super-Conference CEQA Guidelines, Case Law and Policy Update*. December.

total number of units (i.e., 110 units) by the persons per household rate for the City of Santa Clara found in the California Department of Finance Population and Housing Estimate report.[38] Using the 2.64-person per household 2021 rate, the number of future residents, and service population, was estimated to be 285 residents.

Construction Emissions

GHG emissions associated with construction were computed at 382 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 nor BAAQMD have an adopted threshold of significance for construction-related GHG emissions, though BAAQMD recommends quantifying emissions and disclosing that GHG emissions would occur during construction. BAAQMD also encourages the incorporation of best management practices to reduce GHG emissions during construction where feasible and applicable.

Operational Emissions

The CalEEMod model, along with the project vehicle trip generation rates, was used to estimate daily emissions associated with operation of the fully-developed site under the proposed project. As shown in Table 9, the net annual emissions resulting from operation of the proposed project are predicted to be 584 MT of CO_2e in 2026 and 554 MT of CO_{2e} in 2030. The service population emissions for the years 2026 and 2030 are predicted to be 2.1 and 2.0 MT/CO_{2e}/year/service population, respectively.

To be considered an exceedance of the threshold, the project emissions must exceed both the GHG significance threshold in metric tons per year and the service population significance threshold in the future year of 2030. As shown in Table 9, the project would not exceed the per service population threshold of 2.8 MT of CO_2e/year/service population in 2030 and would not exceed the annual emissions bright-line threshold of 660 MT CO_2e/year in 2030. Therefore, the project would not be in exceedance for GHG emissions.

[38] State of California, Department of Finance, *E-5 Population and Housing Estimates for Cities, Counties, and the State, 2010-2019*. Sacramento, California. Available at: http://www.dof.ca.gov/Forecasting/Demographics/Estimates/E-5/.

Table 9. Annual Project GHG Emissions (CO_2e) in Metric Tons and Per Capita

Source Category	Proposed Project	
	2026	**2030**
Area	1	1
Energy Consumption	113	113
Mobile	432	403
Solid Waste Generation	25	25
Water Usage	12	12
Total (MT CO_{2e}/year)	584	554
Significance Threshold		***660 MT CO_2e/year***
Service Population Emissions (MT CO_{2e}/year/service population)	2.1	2.0
Significance Threshold		***2.8 in 2030***
Exceeds both thresholds?		*No*

Impact GHG-2: Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

The proposed project would not conflict or otherwise interfere with the statewide GHG reduction measures identified in CARB's Scoping Plan nor would the project conflict with SB 100 goals. For example, proposed buildings would be constructed in conformance with CALGreen and the Title 24 Building Code, which requires high-efficiency water fixtures, water-efficient irrigation systems, and compliance with current energy efficacy standards.

Supporting Documentation

Attachment 1 is the methodology used to compute community risk impacts, including the methods to compute lifetime cancer risk from exposure to project emissions.

Attachment 2 includes the CalEEMod output for project construction and operational criteria air pollutant and GHG emissions. The operational outputs for existing and 2030 uses are also included in this attachment. Also included are any modeling assumptions.

Attachment 3 includes the EMFAC2021 emissions modeling. The input files for these calculations are voluminous and are available upon request in digital format.

Attachment 4 is the construction health risk assessment. AERMOD dispersion modeling files for this assessment, which are quite voluminous, are available upon request and would be provided in digital format.

Attachment 5 includes the cumulative community risk calculations, modeling results, and health risk calculations from sources affecting the project site and project MEIs

Attachment 1: Health Risk Calculation Methodology

A health risk assessment (HRA) for exposure to Toxic Air Contaminants (TACs) requires the application of a risk characterization model to the results from the air dispersion model to estimate potential health risk at each sensitive receptor location. The State of California Office of Environmental Health Hazard Assessment (OEHHA) and California Air Resources Board (CARB) develop recommended methods for conducting health risk assessments. The most recent OEHHA risk assessment guidelines were published in February of 2015.[39] These guidelines incorporate substantial changes designed to provide for enhanced protection of children, as required by State law, compared to previous published risk assessment guidelines. CARB has provided additional guidance on implementing OEHHA's recommended methods.[40] This HRA used the 2015 OEHHA risk assessment guidelines and CARB guidance. The 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.[41] Exposure parameters from the OEHHA guidelines and the recent BAAQMD HRA Guidelines were used in this evaluation.

Cancer Risk

Potential increased cancer risk from inhalation of TACs is calculated based on the TAC concentration over the period of exposure, inhalation dose, the TAC cancer potency factor, and an age sensitivity factor to reflect the greater sensitivity of infants and children to cancer causing TACs. The inhalation dose depends on a person's breathing rate, exposure time and frequency and duration of exposure. These parameters vary depending on the age, or age range, of the persons being exposed and whether the exposure is considered to occur at a residential location or other sensitive receptor location.

The current OEHHA guidance recommends that cancer risk be calculated by age groups to account for different breathing rates and sensitivity to TACs. Specifically, they recommend evaluating risks for the third trimester of pregnancy to age zero, ages zero to less than two (infant exposure), ages two to less than 16 (child exposure), and ages 16 to 70 (adult exposure). However, CARB and the BAAQMD recommend the use of a residential exposure duration of 30 years for sources with long-term emissions (e.g., roadways). For workers, assumed to be adults, a 25-year exposure period is recommended by the BAAQMD. For school children a 9-year exposure period is recommended by the BAAQMD.

Age sensitivity factors (ASFs) associated with the different types of exposure are an ASF of 10 for the third trimester and infant exposures, an ASF of 3 for a child exposure, and an ASF of 1 for an adult exposure. Also associated with each exposure type are different breathing rates,

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[39] OEHHA, 2015. *Air Toxics Hot Spots Program Risk Assessment Guidelines, The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments*. Office of Environmental Health Hazard Assessment. February.

[40] CARB, 2015. *Risk Management Guidance for Stationary Sources of Air Toxics*. July 23.

[41] BAAQMD, 2016. *BAAQMD Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines*. December 2016.

expressed as liters per kilogram of body weight per day (L/kg-day) or liters per kilogram of body weight per 8-hour period for the case of worker or school child exposures. As recommended by the BAAQMD for residential exposures, 95th percentile breathing rates are used for the third trimester and infant exposures, and 80th percentile breathing rates for child and adult exposures. For children at schools and daycare facilities, BAAQMD recommends using the 95th percentile 8-hour breathing rates for moderate intensity.

Under previous OEHHA and BAAQMD HRA guidance, residential receptors are assumed to be at their home 24 hours a day, or 100 percent of the time. In the 2015 Risk Assessment Guidance, OEHHA includes adjustments to exposure duration to account for the fraction of time at home (FAH), which can be less than 100 percent of the time, based on updated population and activity statistics. The FAH factors are age-specific and are: 0.85 for third trimester of pregnancy to less than 2 years old, 0.72 for ages 2 to less than 16 years, and 0.73 for ages 16 to 70 years. Use of the FAH factors is allowed by the BAAQMD if there are no schools in the project vicinity have a cancer risk of one in a million or greater assuming 100 percent exposure (FAH = 1.0).

Functionally, cancer risk is calculated using the following parameters and formulas:

Cancer Risk (per million) = $CPF \times Inhalation\ Dose \times ASF \times ED/AT \times FAH \times 10^6$

Where:

CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = $C_{air} \times DBR^* \times A \times (EF/365) \times 10^{-6}$

Where:

C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
8HrBR = 8-hour breathing rate (L/kg body weight-8 hours)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

* An 8-hour breathing rate (8HrBR) is used for worker and school child exposures.

The health risk parameters used in this evaluation are summarized as follows:

Parameter	*Exposure Type* →	Infant		Child	Adult
	Age Range →	3rd Trimester	0<2	2 < 16	16 - 30
DPM Cancer Potency Factor (mg/kg-day)$^{-1}$		1.10E+00	1.10E+00	1.10E+00	1.10E+00
Daily Breathing Rate (L/kg-day) 80th Percentile Rate		273	758	572	261
Daily Breathing Rate (L/kg-day) 95th Percentile Rate		361	1,090	745	335
8-hour Breathing Rate (L/kg-8 hours) 95th Percentile Rate		-	1,200	520	240
Inhalation Absorption Factor		1	1	1	1
Averaging Time (years)		70	70	70	70
Exposure Duration (years)		0.25	2	14	14**
Exposure Frequency (days/year)*		350	350	350	350**
Age Sensitivity Factor		10	10	3	1
Fraction of Time at Home (FAH)		0.85-1.0	0.85-1.0	0.72-1.0	0.73*

* Exposure Frequency can change dependent on the type of receptors (i.e. residential, worker, school, daycare). For worker exposures (adult), the exposure duration and frequency are 25 years 250 days/year and FAH is not applicable.

Non-Cancer Hazards

Non-cancer health risk is usually determined by comparing the predicted level of exposure to a chemical to the level of exposure that is not expected to cause any adverse effects (reference exposure level), even to the most susceptible people. Potential non-cancer health hazards from TAC exposure are expressed in terms of a hazard index (HI), which is the ratio of the TAC concentration to a reference exposure level (REL). OEHHA has defined acceptable concentration levels for contaminants that pose non-cancer health hazards. TAC concentrations below the REL are not expected to cause adverse health impacts, even for sensitive individuals. The total HI is calculated as the sum of the HIs for each TAC evaluated and the total HI is compared to the BAAQMD significance thresholds to determine whether a significant non-cancer health impact from a project would occur.

Typically, for residential projects located near roadways with substantial TAC emissions, the primary TAC of concern with non-cancer health effects is diesel particulate matter (DPM). For DPM, the chronic inhalation REL is 5 micrograms per cubic meter ($\mu g/m^3$).

Annual $PM_{2.5}$ Concentrations

While not a TAC, fine particulate matter ($PM_{2.5}$) has been identified by the BAAQMD as a pollutant with potential non-cancer health effects that should be included when evaluating potential community health impacts under the California Environmental Quality Act (CEQA). The thresholds of significance for $PM_{2.5}$ (project level and cumulative) are in terms of an increase in the annual average concentration. When considering $PM_{2.5}$ impacts, the contribution from all sources of $PM_{2.5}$ emissions should be included. For projects with potential impacts from nearby local roadways, the $PM_{2.5}$ impacts should include those from vehicle exhaust emissions, $PM_{2.5}$ generated from vehicle tire and brake wear, and fugitive emissions from re-suspended dust on the roads.

Attachment 2: CalEEMod Modeling Inputs and Outputs

Air Quality/Noise Construction Information Data Request

Project Name: 1601 Civic Center Drive

Complete ALL Portions in Yellow

See Equipment Type TAB for type, horsepower and load factor

Project Size
- 110 Dwelling Units
- 67041 total project acres disturbed
- 66866 s.f. residential
- 0 s.f. retail
- 1717 s.f. office/commercial
- 41,675 s.f. other, specify:
- 18522 s.f. parking garage — 43 spaces
- 11387 s.f. parking lot — 29 spaces

Construction Hours 7 am to 3 pm

Pile Driving? Y/N? NO

Project include OPERATIONAL GENERATOR OR FIRE PUMP on-site? Y/N? __Yes__

IF YES (if BOTH separate values) -->

Kilowatts/Horsepower: _____

Fuel Type: _____

Location in project (Plans Desired if Available):

DO NOT MULTIPLY EQUIPMENT HOURS/DAY BY THE QUANTITY OF EQUIPMENT

Quantity	Description	HP	Load Factor	Hours/day	Total Work Days	Avg. Hours per day	Annual Hours	Comments
	Demolition	**Start Date:**	**9/1/2023**	**Total phase:**	**20**			**Overall Import/Export Volumes**
		End Date:	**9/28/2023**					
1	Concrete/Industrial Saws	81	0.73	8	20	8	160	**Demolition Volume**
2	Excavators	158	0.38	8	20	8	320	Square footage of buildings to be demolished = **15,200 sf**
1	Rubber-Tired Dozers	247	0.4	8	20	8	160	(*or* total tons to be hauled)
1	Tractors/Loaders/Backhoes	97	0.37	8	20	8	160	**?** square feet *or*
								? Hauling volume (tons)
								Any pavement demolished and hauled? **29,568sf**
	Site Preparation	**Start Date:**	**9/29/2023**	**Total phase:**	**20**			
		End Date:	**10/26/2023**					
1	Graders	187	0.41	8	20	8	160	
1	Rubber Tired Dozers	247	0.4	8	20	8	160	
1	Tractors/Loaders/Backhoes	97	0.37	8	20	8	160	
	Grading / Excavation	**Start Date:**	**10/27/2023**	**Total phase:**	**20**			
		End Date:	**11/23/2023**					**Soil Hauling Volume**
2	Excavators	158	0.38	8	20	8	320	Export volume = **2,105** cubic yards?
2	Graders	187	0.41	8	20	8	320	Import volume = **?** cubic yards?
1	Rubber Tired Dozers	247	0.4	8	20	8	160	
	Concrete/Industrial Saws	81	0.73			0	0	
1	Tractors/Loaders/Backhoes	97	0.37	8	20	8	160	
	Other Equipment?							
	Trenching/Foundation	**Start Date:**	**11/24/2023**	**Total phase:**	**20**			
		End Date:	**12/21/2023**					
1	Tractor/Loader/Backhoe	97	0.37	8	20	8	160	
1	Excavators	158	0.38	8	20	8	160	
	Other Equipment?							
	Building - Exterior	**Start Date:**	**12/22/2023**	**Total phase:**	**160**			**Cement Trucks? ? Total Round-Trips**
		End Date:	**8/1/2024**					
1	Cranes	231	0.29	8	160	8	1280	Electric? (Y/N) Y Otherwise assumed diesel
2	Forklifts	89	0.2	8	160	8	2560	Liquid Propane (LPG)? (Y/N) Otherwise Assumed diesel
1	Generator Sets	84	0.74	8	160	8	1280	Or temporary line power? (Y/N)
	Tractors/Loaders/Backhoes	97	0.37			0	0	
1	Welders	46	0.45	8	40	2	320	
	Other Equipment?					0		
	Building - Interior/Architectural Coating	**Start Date:**	**8/2/2024**	**Total phase:**	**120**			
		End Date:	**1/16/2025**					
	Air Compressors	78	0.48			0	0	
2	Aerial Lift	62	0.31	8	80	5.33333333	1280	
	Other Equipment?							
	Paving	**Start Date:**	**1/17/2025**	**Total phase:**	**15**			
		End Date:	**2/6/2025**					
	Cement and Mortar Mixers	9	0.56			0	0	
1	Pavers	130	0.42	8	5	2.66666667	40	**Asphalt? 126 cubic yards or ____ round trips? 10,365sf of AC**
1	Paving Equipment	132	0.36	8	5	2.66666667	40	
1	Rollers	80	0.38	8	2	1.06666667	16	
	Tractors/Loaders/Backhoes	97	0.37			0	0	
	Other Equipment?							
	Additional Phases	**Start Date:**		**Total phase:**				
		Start Date:						

Equipment types listed in "Equipment Types" worksheet tab.

Equipment listed in this sheet is to provide an example of inputs

It is assumed that water trucks would be used during grading

Add or subtract phases and equipment, as appropriate

Modify horepower or load factor, as appropriate

Complete one sheet for each project component

Construction Criteria Air Pollutants						
Unmitigated	ROG	NOX	PM10 Exhaust	PM2.5 Exhaust	**CO2e**	
Year	Tons				MT	
Construction Equipment						
2023	0.05	0.55	0.02	0.02	84.78	
2024 & 2025	0.89	0.93	0.04	0.04	165.93	
EMFAC						
2023	0.01	0.03	0.00	0.00	31.01	
2024 & 2025	0.02	0.09	0.01	0.00	100.59	
Total Construction Emissions by Year						
2023	0.06	0.58	0.03	0.02	115.79	
2024 & 2025	0.91	1.02	0.05	0.04	266.52	
	Total Construction Emissions					
Tons	0.97	1.60	0.07	0.06	382.32	
Pounds/Workdays	*Average Daily Emissions*				Workdays	
2023	1.42	13.35	0.60	0.53		**87**
2024 & 2025	6.29	7.06	0.33	0.29		**289**
Threshold - lbs/day	**54.0**	**54.0**	**82.0**	**54.0**		
	Total Construction Emissions					
Pounds	7.71	20.41	0.93	0.82	0.00	
Average	5.16	8.51	0.39	0.34	0.00	376.00
Threshold - lbs/day	**54.0**	**54.0**	**82.0**	**54.0**		

Operational Criteria Air Pollutants						
Unmitigated	ROG	NOX	Total PM10	Total PM2.5		
Year	Tons					
Total	0.85	0.22	0.44	0.12		
	Existing Use Emissions					
Total	0.00	0.00	0.00	0.00		
	Net Annual Operational Emissions					
Tons/year	0.85	0.22	0.44	0.12		
Threshold - Tons/year	**10.0**	**10.0**	**15.0**	**10.0**		
	Average Daily Emissions					
Pounds Per Day	4.65	1.22	2.43	0.64		
Threshold - lbs/day	**54.0**	**54.0**	**82.0**	**54.0**		

Category	**CO2e**			
	Project	Existing	Project 2030	Existing
Area	1.37	0.00	1.37	0.00
Energy	112.53	0.00	112.53	0.00
Mobile	432.27	0.00	402.93	0.00
Waste	25.45	0.00	25.45	0.00
Water	12.07	0.00	12.07	0.00
TOTAL	583.69	0.00	554.35	0.00
Net GHG Emissions		583.69		554.35
Service Population	290.00			
Per Capita Emissions		2.01		1.91

Traffic Consultant Trip Gen					CalEEMod Default		
Land Use	**Size**	**Daily Trips**	**New Trips**	**Weekday Trip Gen**	**Weekday**	**Sat**	**Sun**
Apartments Mid Rise	110	598	586	***5.33***	5.44	4.91	4.09
Transit Reduction (2%)		*-12*			*Rev*	***4.81***	***4.01***

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	43.00	Space	0.00	18,522.00	0
Parking Lot	29.00	Space	0.00	11,387.00	0
Apartments Mid Rise	110.00	Dwelling Unit	1.54	110,258.00	315

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2026
Utility Company	Silicon Valley Power				
CO2 Intensity (lb/MWhr)	307.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Assumed SVP

Land Use - Unit amounts, square footage, and acreage provided by applicant. Residential square footage combined with other square footage from construction sheet.

Construction Phase - Phase lengths and demo start date provided by applicant.

Off-road Equipment - Construction equipment info provided by applicant

Off-road Equipment - Construction equipment info provided by applicant

Off-road Equipment - Construction equipment info provided by applicant

Off-road Equipment - Construction equipment info provided by applicant

Off-road Equipment - Construction equipment info provided by applicant

Off-road Equipment - Construction equipment info provided by applicant

Off-road Equipment - Construction equipment info provided by applicant

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Trips and VMT - All trips entered into EMFAC2021

Demolition -

Grading -

Vehicle Trips - Trip rates based on project trip gen with transit reduction.

Vehicle Emission Factors - Emission factors from EMFAC2021

Woodstoves - No hearths/fireplaces

Water And Wastewater - 100% aerobic

Construction Off-road Equipment Mitigation - All equipment t4i, except electric cranes. BMP.

Fleet Mix - Fleet mix from EMFAC2021

Energy Use - Reach code bans natural gas. Natural gas usage added to electricity usage.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	10.00	120.00
tblConstructionPhase	NumDays	200.00	160.00
tblConstructionPhase	NumDays	4.00	20.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	2.00	20.00
tblEnergyUse	NT24E	3,054.10	3,978.78
tblEnergyUse	NT24NG	3,155.00	0.00
tblEnergyUse	T24E	70.89	1,602.74
tblEnergyUse	T24NG	5,226.68	0.00
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	16.50	0.00
tblFireplaces	NumberNoFireplace	4.40	0.00
tblFireplaces	NumberWood	18.70	0.00
tblFleetMix	HHD	6.3120e-003	7.5470e-003

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tblFleetMix	HHD	6.3120e-003	7.5470e-003
tblFleetMix	HHD	6.3120e-003	7.5470e-003
tblFleetMix	LDA	0.57	0.53
tblFleetMix	LDA	0.57	0.53
tblFleetMix	LDA	0.57	0.53
tblFleetMix	LDT1	0.06	0.04
tblFleetMix	LDT1	0.06	0.04
tblFleetMix	LDT1	0.06	0.04
tblFleetMix	LDT2	0.19	0.23
tblFleetMix	LDT2	0.19	0.23
tblFleetMix	LDT2	0.19	0.23
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD2	5.2090e-003	5.8310e-003
tblFleetMix	LHD2	5.2090e-003	5.8310e-003
tblFleetMix	LHD2	5.2090e-003	5.8310e-003
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MH	2.6680e-003	2.5100e-003
tblFleetMix	MH	2.6680e-003	2.5100e-003
tblFleetMix	MH	2.6680e-003	2.5100e-003
tblFleetMix	MHD	8.0910e-003	9.4770e-003
tblFleetMix	MHD	8.0910e-003	9.4770e-003
tblFleetMix	MHD	8.0910e-003	9.4770e-003

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tblFleetMix	OBUS	8.8400e-004	1.0590e-003
tblFleetMix	OBUS	8.8400e-004	1.0590e-003
tblFleetMix	OBUS	8.8400e-004	1.0590e-003
tblFleetMix	SBUS	8.8700e-004	6.8400e-004
tblFleetMix	SBUS	8.8700e-004	6.8400e-004
tblFleetMix	SBUS	8.8700e-004	6.8400e-004
tblFleetMix	UBUS	3.6400e-004	4.1000e-004
tblFleetMix	UBUS	3.6400e-004	4.1000e-004
tblFleetMix	UBUS	3.6400e-004	4.1000e-004
tblGrading	MaterialExported	0.00	2,105.00
tblLandUse	LandUseSquareFeet	17,200.00	18,522.00
tblLandUse	LandUseSquareFeet	11,600.00	11,387.00
tblLandUse	LandUseSquareFeet	110,000.00	110,258.00
tblLandUse	LotAcreage	0.39	0.00
tblLandUse	LotAcreage	0.26	0.00
tblLandUse	LotAcreage	2.89	1.54
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	2.70
tblOffRoadEquipment	UsageHours	8.00	2.70
tblOffRoadEquipment	UsageHours	7.00	1.10
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	69.00	0.00

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tblTripsAndVMT	HaulingTripNumber	263.00	0.00
tblTripsAndVMT	VendorTripNumber	17.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	92.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblVehicleEF	HHD	0.02	0.22
tblVehicleEF	HHD	0.05	0.11
tblVehicleEF	HHD	6.31	5.15
tblVehicleEF	HHD	0.41	0.73
tblVehicleEF	HHD	5.9100e-003	7.3800e-004
tblVehicleEF	HHD	1,010.86	795.67
tblVehicleEF	HHD	1,358.12	1,554.97
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.16	0.13
tblVehicleEF	HHD	0.22	0.25
tblVehicleEF	HHD	5.0000e-006	8.0000e-006
tblVehicleEF	HHD	5.31	4.01
tblVehicleEF	HHD	2.65	1.70
tblVehicleEF	HHD	2.32	2.76
tblVehicleEF	HHD	2.4220e-003	2.0130e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	2.3170e-003	1.9190e-003

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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8910e-003	8.7830e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	2.0000e-006	1.0600e-004
tblVehicleEF	HHD	7.9000e-005	3.4000e-005
tblVehicleEF	HHD	0.43	0.32
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	3.5000e-005	3.0300e-004
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	9.4050e-003	6.9240e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-006	1.0600e-004
tblVehicleEF	HHD	7.9000e-005	3.4000e-005
tblVehicleEF	HHD	0.49	0.58
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.13
tblVehicleEF	HHD	3.5000e-005	3.0300e-004
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	LDA	1.3660e-003	1.6750e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.47	0.57
tblVehicleEF	LDA	1.93	2.55
tblVehicleEF	LDA	220.20	235.10
tblVehicleEF	LDA	46.75	60.77
tblVehicleEF	LDA	3.5660e-003	3.6780e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.03

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tblVehicleEF	LDA	0.15	0.21
tblVehicleEF	LDA	0.04	7.1220e-003
tblVehicleEF	LDA	1.1800e-003	1.0710e-003
tblVehicleEF	LDA	1.5670e-003	1.7910e-003
tblVehicleEF	LDA	0.02	2.4930e-003
tblVehicleEF	LDA	1.0860e-003	9.8600e-004
tblVehicleEF	LDA	1.4410e-003	1.6470e-003
tblVehicleEF	LDA	0.03	0.25
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	4.9090e-003	6.2070e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	2.1780e-003	2.3240e-003
tblVehicleEF	LDA	4.6300e-004	6.0100e-004
tblVehicleEF	LDA	0.03	0.25
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	7.1350e-003	9.0460e-003
tblVehicleEF	LDA	0.03	0.19
tblVehicleEF	LDA	0.18	0.28
tblVehicleEF	LDT1	2.7310e-003	5.0100e-003
tblVehicleEF	LDT1	0.05	0.09
tblVehicleEF	LDT1	0.71	1.21
tblVehicleEF	LDT1	2.08	4.52
tblVehicleEF	LDT1	264.87	316.42
tblVehicleEF	LDT1	56.84	82.70
tblVehicleEF	LDT1	4.8810e-003	7.9710e-003
tblVehicleEF	LDT1	0.02	0.04

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tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	0.19	0.34
tblVehicleEF	LDT1	0.04	9.2110e-003
tblVehicleEF	LDT1	1.4310e-003	1.7060e-003
tblVehicleEF	LDT1	1.8820e-003	2.6150e-003
tblVehicleEF	LDT1	0.02	3.2240e-003
tblVehicleEF	LDT1	1.3170e-003	1.5700e-003
tblVehicleEF	LDT1	1.7300e-003	2.4040e-003
tblVehicleEF	LDT1	0.06	0.53
tblVehicleEF	LDT1	0.12	0.15
tblVehicleEF	LDT1	0.05	0.00
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	0.07	0.41
tblVehicleEF	LDT1	0.22	0.46
tblVehicleEF	LDT1	2.6210e-003	3.1280e-003
tblVehicleEF	LDT1	5.6300e-004	8.1800e-004
tblVehicleEF	LDT1	0.06	0.53
tblVehicleEF	LDT1	0.12	0.15
tblVehicleEF	LDT1	0.05	0.00
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.07	0.41
tblVehicleEF	LDT1	0.24	0.50
tblVehicleEF	LDT2	2.4210e-003	2.4020e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.65	0.74
tblVehicleEF	LDT2	2.52	3.24
tblVehicleEF	LDT2	280.92	326.78
tblVehicleEF	LDT2	60.84	83.29
tblVehicleEF	LDT2	4.9510e-003	5.3470e-003

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tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.05	0.06
tblVehicleEF	LDT2	0.21	0.29
tblVehicleEF	LDT2	0.04	8.8560e-003
tblVehicleEF	LDT2	1.2560e-003	1.2430e-003
tblVehicleEF	LDT2	1.6140e-003	2.0020e-003
tblVehicleEF	LDT2	0.02	3.1000e-003
tblVehicleEF	LDT2	1.1560e-003	1.1440e-003
tblVehicleEF	LDT2	1.4840e-003	1.8410e-003
tblVehicleEF	LDT2	0.06	0.28
tblVehicleEF	LDT2	0.11	0.08
tblVehicleEF	LDT2	0.05	0.00
tblVehicleEF	LDT2	9.5280e-003	9.2320e-003
tblVehicleEF	LDT2	0.06	0.21
tblVehicleEF	LDT2	0.24	0.33
tblVehicleEF	LDT2	2.7790e-003	3.2300e-003
tblVehicleEF	LDT2	6.0200e-004	8.2300e-004
tblVehicleEF	LDT2	0.06	0.28
tblVehicleEF	LDT2	0.11	0.08
tblVehicleEF	LDT2	0.05	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.21
tblVehicleEF	LDT2	0.27	0.36
tblVehicleEF	LHD1	4.6670e-003	5.0240e-003
tblVehicleEF	LHD1	6.7660e-003	6.5110e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.18	0.19
tblVehicleEF	LHD1	0.61	0.77
tblVehicleEF	LHD1	0.99	2.16

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tblVehicleEF	LHD1	8.66	8.48
tblVehicleEF	LHD1	749.59	747.67
tblVehicleEF	LHD1	11.02	17.34
tblVehicleEF	LHD1	7.4200e-004	6.3000e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.50	0.52
tblVehicleEF	LHD1	0.27	0.40
tblVehicleEF	LHD1	8.7200e-004	6.8700e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	9.8310e-003	9.4180e-003
tblVehicleEF	LHD1	8.5970e-003	0.01
tblVehicleEF	LHD1	2.3200e-004	1.9000e-004
tblVehicleEF	LHD1	8.3400e-004	6.5700e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.4580e-003	2.3550e-003
tblVehicleEF	LHD1	8.1790e-003	0.01
tblVehicleEF	LHD1	2.1300e-004	1.7400e-004
tblVehicleEF	LHD1	1.7170e-003	0.12
tblVehicleEF	LHD1	0.06	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.0400e-004	0.00
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.19	0.17
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.4000e-005	8.3000e-005
tblVehicleEF	LHD1	7.3150e-003	7.3000e-003
tblVehicleEF	LHD1	1.0900e-004	1.7100e-004

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tblVehicleEF	LHD1	1.7170e-003	0.12
tblVehicleEF	LHD1	0.06	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	9.0400e-004	0.00
tblVehicleEF	LHD1	0.10	0.09
tblVehicleEF	LHD1	0.19	0.17
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD2	2.8270e-003	2.9010e-003
tblVehicleEF	LHD2	6.0420e-003	5.9100e-003
tblVehicleEF	LHD2	6.5340e-003	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.54	0.49
tblVehicleEF	LHD2	0.55	1.18
tblVehicleEF	LHD2	13.60	13.61
tblVehicleEF	LHD2	727.00	794.48
tblVehicleEF	LHD2	7.15	9.38
tblVehicleEF	LHD2	1.7170e-003	1.6800e-003
tblVehicleEF	LHD2	0.07	0.08
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.60	0.73
tblVehicleEF	LHD2	0.15	0.22
tblVehicleEF	LHD2	1.4660e-003	1.4060e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1700e-004	8.1000e-005
tblVehicleEF	LHD2	1.4020e-003	1.3460e-003
tblVehicleEF	LHD2	0.04	0.03

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tblVehicleEF	LHD2	2.7000e-003	2.6660e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0800e-004	7.5000e-005
tblVehicleEF	LHD2	8.4300e-004	0.06
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.5700e-004	0.00
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	7.0160e-003	7.6510e-003
tblVehicleEF	LHD2	7.1000e-005	9.3000e-005
tblVehicleEF	LHD2	8.4300e-004	0.06
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.5700e-004	0.00
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.08	0.08
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	MCY	0.32	0.15
tblVehicleEF	MCY	0.25	0.17
tblVehicleEF	MCY	18.17	11.99
tblVehicleEF	MCY	9.11	7.93
tblVehicleEF	MCY	209.94	186.84
tblVehicleEF	MCY	60.17	46.31
tblVehicleEF	MCY	0.07	0.04
tblVehicleEF	MCY	0.02	7.3810e-003
tblVehicleEF	MCY	1.14	0.55
tblVehicleEF	MCY	0.27	0.12

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tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.0610e-003	1.9450e-003
tblVehicleEF	MCY	2.9290e-003	3.4700e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	1.9240e-003	1.8180e-003
tblVehicleEF	MCY	2.7480e-003	3.2560e-003
tblVehicleEF	MCY	0.90	3.85
tblVehicleEF	MCY	0.66	3.56
tblVehicleEF	MCY	0.48	0.00
tblVehicleEF	MCY	2.16	0.99
tblVehicleEF	MCY	0.51	3.77
tblVehicleEF	MCY	1.91	1.27
tblVehicleEF	MCY	2.0780e-003	1.8470e-003
tblVehicleEF	MCY	5.9500e-004	4.5800e-004
tblVehicleEF	MCY	0.90	0.09
tblVehicleEF	MCY	0.66	3.56
tblVehicleEF	MCY	0.48	0.00
tblVehicleEF	MCY	2.70	1.20
tblVehicleEF	MCY	0.51	3.77
tblVehicleEF	MCY	2.08	1.38
tblVehicleEF	MDV	2.6580e-003	2.9620e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.67	0.81
tblVehicleEF	MDV	2.67	3.40
tblVehicleEF	MDV	339.08	392.60
tblVehicleEF	MDV	72.17	99.29
tblVehicleEF	MDV	6.5120e-003	6.9830e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.05	0.07

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tblVehicleEF	MDV	0.24	0.35
tblVehicleEF	MDV	0.04	8.9510e-003
tblVehicleEF	MDV	1.3050e-003	1.2470e-003
tblVehicleEF	MDV	1.6620e-003	1.9840e-003
tblVehicleEF	MDV	0.02	3.1330e-003
tblVehicleEF	MDV	1.2040e-003	1.1490e-003
tblVehicleEF	MDV	1.5280e-003	1.8240e-003
tblVehicleEF	MDV	0.06	0.32
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.06	0.24
tblVehicleEF	MDV	0.28	0.41
tblVehicleEF	MDV	3.3510e-003	3.8790e-003
tblVehicleEF	MDV	7.1400e-004	9.8200e-004
tblVehicleEF	MDV	0.06	0.32
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.24
tblVehicleEF	MDV	0.31	0.45
tblVehicleEF	MH	7.6660e-003	9.9190e-003
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.68	0.93
tblVehicleEF	MH	1.87	2.26
tblVehicleEF	MH	1,445.75	1,674.32
tblVehicleEF	MH	17.15	21.62
tblVehicleEF	MH	0.06	0.07
tblVehicleEF	MH	0.03	0.03

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tblVehicleEF	MH	1.21	1.44
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	2.4000e-004	2.8100e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.2870e-003	3.3150e-003
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	2.2100e-004	2.5800e-004
tblVehicleEF	MH	0.52	28.55
tblVehicleEF	MH	0.04	7.36
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.01	0.18
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	1.7000e-004	2.1400e-004
tblVehicleEF	MH	0.52	28.55
tblVehicleEF	MH	0.04	7.36
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.07	0.09
tblVehicleEF	MH	0.01	0.18
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MHD	3.6600e-003	0.01
tblVehicleEF	MHD	1.3680e-003	9.5250e-003
tblVehicleEF	MHD	8.6830e-003	7.9190e-003
tblVehicleEF	MHD	0.40	0.66
tblVehicleEF	MHD	0.19	0.26

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tblVehicleEF	MHD	0.97	0.93
tblVehicleEF	MHD	69.63	156.70
tblVehicleEF	MHD	1,051.19	1,196.53
tblVehicleEF	MHD	8.85	7.91
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.13	0.15
tblVehicleEF	MHD	7.3550e-003	5.6890e-003
tblVehicleEF	MHD	0.38	0.84
tblVehicleEF	MHD	1.45	0.91
tblVehicleEF	MHD	1.70	1.39
tblVehicleEF	MHD	2.7700e-004	1.4450e-003
tblVehicleEF	MHD	0.13	0.05
tblVehicleEF	MHD	7.0640e-003	9.6350e-003
tblVehicleEF	MHD	1.1200e-004	9.6000e-005
tblVehicleEF	MHD	2.6500e-004	1.3820e-003
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	6.7520e-003	9.2100e-003
tblVehicleEF	MHD	1.0300e-004	8.9000e-005
tblVehicleEF	MHD	3.3400e-004	0.02
tblVehicleEF	MHD	0.02	5.1060e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.8000e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	6.6100e-004	1.4520e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.8000e-005	7.8000e-005
tblVehicleEF	MHD	3.3400e-004	0.02

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tblVehicleEF	MHD	0.02	5.1060e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	1.8000e-004	0.00
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	OBUS	7.0720e-003	7.5520e-003
tblVehicleEF	OBUS	2.9940e-003	9.8650e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.61	0.53
tblVehicleEF	OBUS	0.35	0.40
tblVehicleEF	OBUS	1.73	1.78
tblVehicleEF	OBUS	95.34	88.16
tblVehicleEF	OBUS	1,283.24	1,344.05
tblVehicleEF	OBUS	14.49	14.24
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.13	0.16
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.40	0.36
tblVehicleEF	OBUS	1.45	0.93
tblVehicleEF	OBUS	1.11	0.99
tblVehicleEF	OBUS	1.3100e-004	3.9000e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	7.5500e-003	0.01
tblVehicleEF	OBUS	1.4900e-004	1.2900e-004
tblVehicleEF	OBUS	1.2600e-004	3.7300e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	7.2100e-003	0.01
tblVehicleEF	OBUS	1.3700e-004	1.1800e-004

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tblVehicleEF	OBUS	1.0720e-003	0.07
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	4.8300e-004	0.00
tblVehicleEF	OBUS	0.02	0.04
tblVehicleEF	OBUS	0.04	0.08
tblVehicleEF	OBUS	0.08	0.09
tblVehicleEF	OBUS	9.0500e-004	8.3300e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.4300e-004	1.4100e-004
tblVehicleEF	OBUS	1.0720e-003	0.07
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.05
tblVehicleEF	OBUS	4.8300e-004	0.00
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.04	0.08
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	SBUS	0.06	0.08
tblVehicleEF	SBUS	5.4710e-003	0.09
tblVehicleEF	SBUS	5.3640e-003	4.9930e-003
tblVehicleEF	SBUS	2.48	1.73
tblVehicleEF	SBUS	0.45	0.84
tblVehicleEF	SBUS	0.76	0.68
tblVehicleEF	SBUS	344.98	188.59
tblVehicleEF	SBUS	1,025.26	1,007.35
tblVehicleEF	SBUS	4.41	3.84
tblVehicleEF	SBUS	0.05	0.02
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	5.3260e-003	4.5020e-003

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tblVehicleEF	SBUS	3.24	1.31
tblVehicleEF	SBUS	4.17	2.24
tblVehicleEF	SBUS	0.95	0.50
tblVehicleEF	SBUS	3.0570e-003	1.1130e-003
tblVehicleEF	SBUS	0.74	0.04
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	5.4000e-005	4.2000e-005
tblVehicleEF	SBUS	2.9250e-003	1.0640e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7030e-003	2.6360e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	5.0000e-005	3.9000e-005
tblVehicleEF	SBUS	6.4100e-004	0.03
tblVehicleEF	SBUS	6.2050e-003	8.3130e-003
tblVehicleEF	SBUS	0.27	0.19
tblVehicleEF	SBUS	2.9200e-004	0.00
tblVehicleEF	SBUS	0.08	0.05
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	3.2860e-003	1.7120e-003
tblVehicleEF	SBUS	9.7970e-003	9.3590e-003
tblVehicleEF	SBUS	4.4000e-005	3.8000e-005
tblVehicleEF	SBUS	6.4100e-004	0.03
tblVehicleEF	SBUS	6.2050e-003	8.3130e-003
tblVehicleEF	SBUS	0.39	0.31
tblVehicleEF	SBUS	2.9200e-004	0.00
tblVehicleEF	SBUS	0.09	0.15
tblVehicleEF	SBUS	0.01	0.02

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tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	UBUS	1.74	0.53
tblVehicleEF	UBUS	1.7570e-003	3.7120e-003
tblVehicleEF	UBUS	13.20	6.31
tblVehicleEF	UBUS	0.14	0.50
tblVehicleEF	UBUS	1,654.13	1,064.85
tblVehicleEF	UBUS	1.40	3.15
tblVehicleEF	UBUS	0.28	0.16
tblVehicleEF	UBUS	1.1340e-003	6.0350e-003
tblVehicleEF	UBUS	0.71	0.29
tblVehicleEF	UBUS	0.01	0.04
tblVehicleEF	UBUS	0.07	0.13
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	5.1700e-003	5.5470e-003
tblVehicleEF	UBUS	1.5000e-005	1.2000e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	8.3320e-003	0.01
tblVehicleEF	UBUS	4.9450e-003	5.3030e-003
tblVehicleEF	UBUS	1.4000e-005	1.1000e-005
tblVehicleEF	UBUS	2.7000e-005	0.01
tblVehicleEF	UBUS	2.5800e-004	3.7810e-003
tblVehicleEF	UBUS	1.3000e-005	0.00
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	5.2000e-005	7.9860e-003
tblVehicleEF	UBUS	7.3620e-003	0.01
tblVehicleEF	UBUS	0.01	8.5860e-003
tblVehicleEF	UBUS	1.4000e-005	3.1000e-005
tblVehicleEF	UBUS	2.7000e-005	0.01
tblVehicleEF	UBUS	2.5800e-004	3.7810e-003

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tblVehicleEF	UBUS	1.3000e-005	0.00
tblVehicleEF	UBUS	1.78	0.60
tblVehicleEF	UBUS	5.2000e-005	7.9860e-003
tblVehicleEF	UBUS	8.0600e-003	0.01
tblVehicleTrips	ST_TR	4.91	4.81
tblVehicleTrips	SU_TR	4.09	4.01
tblVehicleTrips	WD_TR	5.44	5.33
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	2.20	0.00
tblWoodstoves	NumberNoncatalytic	2.20	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00
tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

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Year	tons/yr										MT/yr					
2023	0.0546	0.5512	0.4661	9.6000e-004	0.1546	0.0238	0.1784	0.0702	0.0221	0.0923	0.0000	84.1554	84.1554	0.0252	0.0000	84.7841
2024	0.8049	0.8953	1.0274	1.8400e-003	0.0000	0.0391	0.0391	0.0000	0.0372	0.0372	0.0000	157.8819	157.8819	0.0319	0.0000	158.6784
2025	0.0818	0.0318	0.0537	8.0000e-005	0.0000	1.2900e-003	1.2900e-003	0.0000	1.2200e-003	1.2200e-003	0.0000	7.2057	7.2057	1.8600e-003	0.0000	7.2522
Maximum	**0.8049**	**0.8953**	**1.0274**	**1.8400e-003**	**0.1546**	**0.0391**	**0.1784**	**0.0702**	**0.0372**	**0.0923**	**0.0000**	**157.8819**	**157.8819**	**0.0319**	**0.0000**	**158.6784**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.0160	0.3285	0.5990	9.4000e-004	0.0696	1.6700e-003	0.0712	0.0316	1.6700e-003	0.0333	0.0000	82.6344	82.6344	0.0247	0.0000	83.2508
2024	0.7468	0.5934	0.9447	1.4000e-003	0.0000	7.9800e-003	7.9800e-003	0.0000	7.9800e-003	7.9800e-003	0.0000	118.8473	118.8473	0.0192	0.0000	119.3281
2025	0.0798	0.0350	0.0576	8.0000e-005	0.0000	4.1000e-004	4.1000e-004	0.0000	4.1000e-004	4.1000e-004	0.0000	7.2057	7.2057	1.8600e-003	0.0000	7.2522
Maximum	**0.7468**	**0.5934**	**0.9447**	**1.4000e-003**	**0.0696**	**7.9800e-003**	**0.0712**	**0.0316**	**7.9800e-003**	**0.0333**	**0.0000**	**118.8473**	**118.8473**	**0.0247**	**0.0000**	**119.3281**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**10.48**	**35.27**	**-3.50**	**15.97**	**55.00**	**84.32**	**63.60**	**55.00**	**83.35**	**68.11**	**0.00**	**16.27**	**16.27**	**22.29**	**0.00**	**16.31**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2023	11-30-2023	0.5433	0.2964

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2	**12-1-2023**	**2-29-2024**	0.3144	0.1925
3	**3-1-2024**	**5-31-2024**	0.3756	0.2157
4	**6-1-2024**	**8-31-2024**	0.4158	0.3110
5	**9-1-2024**	**11-30-2024**	0.4934	0.5024
6	**12-1-2024**	**2-28-2025**	0.2774	0.2815
		Highest	0.5433	0.5024

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5354	9.4100e-003	0.8167	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3355	1.3355	1.2800e-003	0.0000	1.3675
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	111.7957	111.7957	0.0120	1.4500e-003	112.5279
Mobile	0.3136	0.2129	1.9850	4.6100e-003	0.4362	3.1200e-003	0.4393	0.1088	2.9100e-003	0.1117	0.0000	425.8090	425.8090	0.0226	0.0198	432.2722
Waste						0.0000	0.0000		0.0000	0.0000	10.2713	0.0000	10.2713	0.6070	0.0000	25.4468
Water						0.0000	0.0000		0.0000	0.0000	2.5357	7.6267	10.1624	9.5400e-003	5.6100e-003	12.0738
Total	**0.8489**	**0.2223**	**2.8016**	**4.6500e-003**	**0.4362**	**7.6500e-003**	**0.4439**	**0.1088**	**7.4400e-003**	**0.1162**	**12.8070**	**546.5668**	**559.3738**	**0.6524**	**0.0269**	**583.6882**

Mitigated Operational

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5354	9.4100e-003	0.8167	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3355	1.3355	1.2800e-003	0.0000	1.3675
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	111.7957	111.7957	0.0120	1.4500e-003	112.5279
Mobile	0.3136	0.2129	1.9850	4.6100e-003	0.4362	3.1200e-003	0.4393	0.1088	2.9100e-003	0.1117	0.0000	425.8090	425.8090	0.0226	0.0198	432.2722
Waste						0.0000	0.0000		0.0000	0.0000	10.2713	0.0000	10.2713	0.6070	0.0000	25.4468
Water						0.0000	0.0000		0.0000	0.0000	2.5357	7.6267	10.1624	9.5400e-003	5.6100e-003	12.0738
Total	**0.8489**	**0.2223**	**2.8016**	**4.6500e-003**	**0.4362**	**7.6500e-003**	**0.4439**	**0.1088**	**7.4400e-003**	**0.1162**	**12.8070**	**546.5668**	**559.3738**	**0.6524**	**0.0269**	**583.6882**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2023	9/28/2023	5	20	
2	Site Preparation	Site Preparation	9/29/2023	10/26/2023	5	20	
3	Grading	Grading	10/27/2023	11/23/2023	5	20	
4	Trenching	Trenching	11/24/2023	12/21/2023	5	20	
5	Building Construction	Building Construction	12/22/2023	8/1/2024	5	160	
6	Architectural Coating	Architectural Coating	8/2/2024	1/16/2025	5	120	
7	Paving	Paving	1/17/2025	2/6/2025	5	15	

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Acres of Grading (Site Preparation Phase): 20

Acres of Grading (Grading Phase): 30

Acres of Paving: 0

Residential Indoor: 223,272; Residential Outdoor: 74,424; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 1,795

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	2	8.00	158	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching	Excavators	1	8.00	158	0.38
Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Aerial Lifts	2	5.30	63	0.31
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56

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Paving	Pavers	1	2.70	130	0.42
Paving	Paving Equipment	1	2.70	132	0.36
Paving	Rollers	1	1.10	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	2	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	6	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

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Category	tons/yr										MT/yr					
Fugitive Dust					7.4800e-003	0.0000	7.4800e-003	1.1300e-003	0.0000	1.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0155	0.1434	0.1551	2.8000e-004		6.7700e-003	6.7700e-003		6.3300e-003	6.3300e-003	0.0000	24.6886	24.6886	6.5100e-003	0.0000	24.8514
Total	**0.0155**	**0.1434**	**0.1551**	**2.8000e-004**	**7.4800e-003**	**6.7700e-003**	**0.0143**	**1.1300e-003**	**6.3300e-003**	**7.4600e-003**	**0.0000**	**24.6886**	**24.6886**	**6.5100e-003**	**0.0000**	**24.8514**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category	tons/yr										MT/yr					
Fugitive Dust					3.3700e-003	0.0000	3.3700e-003	5.1000e-004	0.0000	5.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5100e-003	0.1039	0.1857	2.8000e-004		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	24.6886	24.6886	6.5100e-003	0.0000	24.8514
Total	**4.5100e-003**	**0.1039**	**0.1857**	**2.8000e-004**	**3.3700e-003**	**4.4000e-004**	**3.8100e-003**	**5.1000e-004**	**4.4000e-004**	**9.5000e-004**	**0.0000**	**24.6886**	**24.6886**	**6.5100e-003**	**0.0000**	**24.8514**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category	tons/yr										MT/yr					
Fugitive Dust					0.0708	0.0000	0.0708	0.0343	0.0000	0.0343	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0122	0.1332	0.0703	1.8000e-004		5.4700e-003	5.4700e-003		5.0400e-003	5.0400e-003	0.0000	16.0520	16.0520	5.1900e-003	0.0000	16.1818
Total	**0.0122**	**0.1332**	**0.0703**	**1.8000e-004**	**0.0708**	**5.4700e-003**	**0.0763**	**0.0343**	**5.0400e-003**	**0.0393**	**0.0000**	**16.0520**	**16.0520**	**5.1900e-003**	**0.0000**	**16.1818**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

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Category	tons/yr										MT/yr					
Fugitive Dust					0.0319	0.0000	0.0319	0.0154	0.0000	0.0154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1700e-003	0.0535	0.1039	1.8000e-004		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	16.0520	16.0520	5.1900e-003	0.0000	16.1818
Total	**3.1700e-003**	**0.0535**	**0.1039**	**1.8000e-004**	**0.0319**	**3.0000e-004**	**0.0322**	**0.0154**	**3.0000e-004**	**0.0157**	**0.0000**	**16.0520**	**16.0520**	**5.1900e-003**	**0.0000**	**16.1818**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

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Category	tons/yr										MT/yr					
Fugitive Dust					0.0763	0.0000	0.0763	0.0348	0.0000	0.0348	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0198	0.2107	0.1524	3.5000e-004		8.5000e-003	8.5000e-003		7.8200e-003	7.8200e-003	0.0000	30.9395	30.9395	0.0100	0.0000	31.1897
Total	**0.0198**	**0.2107**	**0.1524**	**3.5000e-004**	**0.0763**	**8.5000e-003**	**0.0848**	**0.0348**	**7.8200e-003**	**0.0427**	**0.0000**	**30.9395**	**30.9395**	**0.0100**	**0.0000**	**31.1897**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category	tons/yr										MT/yr					
Fugitive Dust					0.0343	0.0000	0.0343	0.0157	0.0000	0.0157	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5200e-003	0.1165	0.2174	3.5000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	30.9395	30.9395	0.0100	0.0000	31.1897
Total	**5.5200e-003**	**0.1165**	**0.2174**	**3.5000e-004**	**0.0343**	**5.8000e-004**	**0.0349**	**0.0157**	**5.8000e-004**	**0.0163**	**0.0000**	**30.9395**	**30.9395**	**0.0100**	**0.0000**	**31.1897**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Trenching - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

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Category	tons/yr										MT/yr					
Off-Road	3.4000e-003	0.0308	0.0549	8.0000e-005		1.5200e-003	1.5200e-003		1.3900e-003	1.3900e-003	0.0000	7.2727	7.2727	2.3500e-003	0.0000	7.3315
Total	**3.4000e-003**	**0.0308**	**0.0549**	**8.0000e-005**		**1.5200e-003**	**1.5200e-003**		**1.3900e-003**	**1.3900e-003**	**0.0000**	**7.2727**	**7.2727**	**2.3500e-003**	**0.0000**	**7.3315**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

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Off-Road	1.3300e-003	0.0363	0.0626	8.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	7.2727	7.2727	2.3500e-003	0.0000	7.3315
Total	**1.3300e-003**	**0.0363**	**0.0626**	**8.0000e-005**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**7.2727**	**7.2727**	**2.3500e-003**	**0.0000**	**7.3315**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6900e-003	0.0331	0.0334	6.0000e-005		1.5500e-003	1.5500e-003		1.4700e-003	1.4700e-003	0.0000	5.2025	5.2025	1.0900e-003	0.0000	5.2297

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Total	**3.6900e-003**	**0.0331**	**0.0334**	**6.0000e-005**		**1.5500e-003**	**1.5500e-003**		**1.4700e-003**	**1.4700e-003**	**0.0000**	**5.2025**	**5.2025**	**1.0900e-003**	**0.0000**	**5.2297**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4900e-003	0.0184	0.0294	4.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.6816	3.6816	6.0000e-004	0.0000	3.6965
Total	**1.4900e-003**	**0.0184**	**0.0294**	**4.0000e-005**		**2.2000e-004**	**2.2000e-004**		**2.2000e-004**	**2.2000e-004**	**0.0000**	**3.6816**	**3.6816**	**6.0000e-004**	**0.0000**	**3.6965**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0885	0.7918	0.8514	1.5600e-003		0.0351	0.0351		0.0333	0.0333	0.0000	133.5389	133.5389	0.0277	0.0000	134.2305
Total	**0.0885**	**0.7918**	**0.8514**	**1.5600e-003**		**0.0351**	**0.0351**		**0.0333**	**0.0333**	**0.0000**	**133.5389**	**133.5389**	**0.0277**	**0.0000**	**134.2305**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0368	0.4687	0.7546	1.1200e-003		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003	0.0000	94.5043	94.5043	0.0150	0.0000	94.8803
Total	**0.0368**	**0.4687**	**0.7546**	**1.1200e-003**		**5.0100e-003**	**5.0100e-003**		**5.0100e-003**	**5.0100e-003**	**0.0000**	**94.5043**	**94.5043**	**0.0150**	**0.0000**	**94.8803**

Mitigated Construction Off-Site

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7042					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0122	0.1035	0.1759	2.8000e-004		3.9400e-003	3.9400e-003		3.8900e-003	3.8900e-003	0.0000	24.3431	24.3431	4.1900e-003	0.0000	24.4478
Total	**0.7164**	**0.1035**	**0.1759**	**2.8000e-004**		**3.9400e-003**	**3.9400e-003**		**3.8900e-003**	**3.8900e-003**	**0.0000**	**24.3431**	**24.3431**	**4.1900e-003**	**0.0000**	**24.4478**

Unmitigated Construction Off-Site

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7042					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.9000e-003	0.1248	0.1901	2.8000e-004		2.9700e-003	2.9700e-003		2.9700e-003	2.9700e-003	0.0000	24.3430	24.3430	4.1900e-003	0.0000	24.4478
Total	**0.7101**	**0.1248**	**0.1901**	**2.8000e-004**		**2.9700e-003**	**2.9700e-003**		**2.9700e-003**	**2.9700e-003**	**0.0000**	**24.3430**	**24.3430**	**4.1900e-003**	**0.0000**	**24.4478**

Mitigated Construction Off-Site

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0782					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3000e-003	0.0110	0.0195	3.0000e-005		3.8000e-004	3.8000e-004		3.7000e-004	3.7000e-004	0.0000	2.7048	2.7048	4.6000e-004	0.0000	2.7164
Total	**0.0795**	**0.0110**	**0.0195**	**3.0000e-005**		**3.8000e-004**	**3.8000e-004**		**3.7000e-004**	**3.7000e-004**	**0.0000**	**2.7048**	**2.7048**	**4.6000e-004**	**0.0000**	**2.7164**

Unmitigated Construction Off-Site

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0782					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-004	0.0139	0.0211	3.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	2.7048	2.7048	4.6000e-004	0.0000	2.7164
Total	**0.0789**	**0.0139**	**0.0211**	**3.0000e-005**		**3.3000e-004**	**3.3000e-004**		**3.3000e-004**	**3.3000e-004**	**0.0000**	**2.7048**	**2.7048**	**4.6000e-004**	**0.0000**	**2.7164**

Mitigated Construction Off-Site

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.8 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.2700e-003	0.0208	0.0341	5.0000e-005		9.1000e-004	9.1000e-004		8.4000e-004	8.4000e-004	0.0000	4.5009	4.5009	1.4000e-003	0.0000	4.5359
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2700e-003**	**0.0208**	**0.0341**	**5.0000e-005**		**9.1000e-004**	**9.1000e-004**		**8.4000e-004**	**8.4000e-004**	**0.0000**	**4.5009**	**4.5009**	**1.4000e-003**	**0.0000**	**4.5359**

Unmitigated Construction Off-Site

Date: 5/5/2022 10:20 AM

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.6000e-004	0.0211	0.0365	5.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	4.5009	4.5009	1.4000e-003	0.0000	4.5359
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.6000e-004**	**0.0211**	**0.0365**	**5.0000e-005**		**8.0000e-005**	**8.0000e-005**		**8.0000e-005**	**8.0000e-005**	**0.0000**	**4.5009**	**4.5009**	**1.4000e-003**	**0.0000**	**4.5359**

Mitigated Construction Off-Site

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3136	0.2129	1.9850	4.6100e-003	0.4362	3.1200e-003	0.4393	0.1088	2.9100e-003	0.1117	0.0000	425.8090	425.8090	0.0226	0.0198	432.2722
Unmitigated	0.3136	0.2129	1.9850	4.6100e-003	0.4362	3.1200e-003	0.4393	0.1088	2.9100e-003	0.1117	0.0000	425.8090	425.8090	0.0226	0.0198	432.2722

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	586.30	529.10	441.10	1,287,342	1,287,342
Enclosed Parking with Elevator	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	586.30	529.10	441.10	1,287,342	1,287,342

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.525374	0.039228	0.232277	0.130076	0.023447	0.005831	0.009477	0.007547	0.001059	0.000410	0.022079	0.000684	0.002510
Enclosed Parking with Elevator	0.525374	0.039228	0.232277	0.130076	0.023447	0.005831	0.009477	0.007547	0.001059	0.000410	0.022079	0.000684	0.002510
Parking Lot	0.525374	0.039228	0.232277	0.130076	0.023447	0.005831	0.009477	0.007547	0.001059	0.000410	0.022079	0.000684	0.002510

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	111.7957	111.7957	0.0120	1.4500e-003	112.5279
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	111.7957	111.7957	0.0120	1.4500e-003	112.5279
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	695526	97.1631	0.0104	1.2600e-003	97.7994
Enclosed Parking with Elevator	100760	14.0759	1.5100e-003	1.8000e-004	14.1681
Parking Lot	3985.45	0.5568	6.0000e-005	1.0000e-005	0.5604
Total		**111.7957**	**0.0120**	**1.4500e-003**	**112.5279**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	695526	97.1631	0.0104	1.2600e-003	97.7994
Enclosed Parking with Elevator	100760	14.0759	1.5100e-003	1.8000e-004	14.1681
Parking Lot	3985.45	0.5568	6.0000e-005	1.0000e-005	0.5604
Total		**111.7957**	**0.0120**	**1.4500e-003**	**112.5279**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5354	9.4100e-003	0.8167	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3355	1.3355	1.2800e-003	0.0000	1.3675
Unmitigated	0.5354	9.4100e-003	0.8167	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3355	1.3355	1.2800e-003	0.0000	1.3675

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0782					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4326					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0246	9.4100e-003	0.8167	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3355	1.3355	1.2800e-003	0.0000	1.3675
Total	**0.5354**	**9.4100e-003**	**0.8167**	**4.0000e-005**		**4.5300e-003**	**4.5300e-003**		**4.5300e-003**	**4.5300e-003**	**0.0000**	**1.3355**	**1.3355**	**1.2800e-003**	**0.0000**	**1.3675**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0782					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4326					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0246	9.4100e-003	0.8167	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3355	1.3355	1.2800e-003	0.0000	1.3675

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Total	**0.5354**	**9.4100e-003**	**0.8167**	**4.0000e-005**		**4.5300e-003**	**4.5300e-003**		**4.5300e-003**	**4.5300e-003**	**0.0000**	**1.3355**	**1.3355**	**1.2800e-003**	**0.0000**	**1.3675**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	10.1624	9.5400e-003	5.6100e-003	12.0738
Unmitigated	10.1624	9.5400e-003	5.6100e-003	12.0738

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	7.16694 / 4.51829	10.1624	9.5400e-003	5.6100e-003	12.0738
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000

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Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**10.1624**	**9.5400e-003**	**5.6100e-003**	**12.0738**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	7.16694 / 4.51829	10.1624	9.5400e-003	5.6100e-003	12.0738
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**10.1624**	**9.5400e-003**	**5.6100e-003**	**12.0738**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	MT/yr			
Mitigated	10.2713	0.6070	0.0000	25.4468
Unmitigated	10.2713	0.6070	0.0000	25.4468

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	50.6	10.2713	0.6070	0.0000	25.4468
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**10.2713**	**0.6070**	**0.0000**	**25.4468**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Apartments Mid Rise	50.6	10.2713	0.6070	0.0000	25.4468
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**10.2713**	**0.6070**	**0.0000**	**25.4468**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	43.00	Space	0.00	18,522.00	0
Parking Lot	29.00	Space	0.00	11,387.00	0
Apartments Mid Rise	110.00	Dwelling Unit	1.54	110,258.00	315

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2030
Utility Company	Silicon Valley Power				
CO2 Intensity (lb/MWhr)	307.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Assumed SVP

Land Use - Unit amounts, square footage, and acreage provided by applicant. Residential square footage combined with other square footage from construction sheet.

Construction Phase - Phase lengths and demo start date provided by applicant.

Off-road Equipment - Construction equipment info provided by applicant

Off-road Equipment - Construction equipment info provided by applicant

Off-road Equipment - Construction equipment info provided by applicant

Off-road Equipment - Construction equipment info provided by applicant

Off-road Equipment - Construction equipment info provided by applicant

Off-road Equipment - Construction equipment info provided by applicant

Off-road Equipment - Construction equipment info provided by applicant

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Trips and VMT - All trips entered into EMFAC2021

Demolition -

Grading -

Vehicle Trips - Trip rates based on project trip gen with transit reduction.

Vehicle Emission Factors - Emission factors from EMFAC2021

Woodstoves - No hearths/fireplaces

Water And Wastewater - 100% aerobic

Construction Off-road Equipment Mitigation - All equipment t4i, except electric cranes. BMP.

Fleet Mix - Fleet mix from EMFAC2021

Energy Use - Reach code bans natural gas. Natural gas usage added to electricity usage.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	10.00	120.00
tblConstructionPhase	NumDays	200.00	160.00
tblConstructionPhase	NumDays	4.00	20.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	2.00	20.00
tblEnergyUse	NT24E	3,054.10	3,978.78
tblEnergyUse	NT24NG	3,155.00	0.00
tblEnergyUse	T24E	70.89	1,602.74
tblEnergyUse	T24NG	5,226.68	0.00
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	16.50	0.00
tblFireplaces	NumberNoFireplace	4.40	0.00
tblFireplaces	NumberWood	18.70	0.00
tblFleetMix	HHD	6.1320e-003	7.8440e-003

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tblFleetMix	HHD	6.1320e-003	7.8440e-003
tblFleetMix	HHD	6.1320e-003	7.8440e-003
tblFleetMix	LDA	0.58	0.51
tblFleetMix	LDA	0.58	0.51
tblFleetMix	LDA	0.58	0.51
tblFleetMix	LDT1	0.06	0.04
tblFleetMix	LDT1	0.06	0.04
tblFleetMix	LDT1	0.06	0.04
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LDT2	0.18	0.24
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD2	5.3980e-003	6.1700e-003
tblFleetMix	LHD2	5.3980e-003	6.1700e-003
tblFleetMix	LHD2	5.3980e-003	6.1700e-003
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MCY	0.02	0.02
tblFleetMix	MDV	0.12	0.14
tblFleetMix	MDV	0.12	0.14
tblFleetMix	MDV	0.12	0.14
tblFleetMix	MH	2.5260e-003	2.2720e-003
tblFleetMix	MH	2.5260e-003	2.2720e-003
tblFleetMix	MH	2.5260e-003	2.2720e-003
tblFleetMix	MHD	8.2190e-003	9.6590e-003
tblFleetMix	MHD	8.2190e-003	9.6590e-003
tblFleetMix	MHD	8.2190e-003	9.6590e-003

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tblFleetMix	OBUS	8.5200e-004	1.0640e-003
tblFleetMix	OBUS	8.5200e-004	1.0640e-003
tblFleetMix	OBUS	8.5200e-004	1.0640e-003
tblFleetMix	SBUS	8.3700e-004	6.8100e-004
tblFleetMix	SBUS	8.3700e-004	6.8100e-004
tblFleetMix	SBUS	8.3700e-004	6.8100e-004
tblFleetMix	UBUS	3.3500e-004	3.9600e-004
tblFleetMix	UBUS	3.3500e-004	3.9600e-004
tblFleetMix	UBUS	3.3500e-004	3.9600e-004
tblGrading	MaterialExported	0.00	2,105.00
tblLandUse	LandUseSquareFeet	17,200.00	18,522.00
tblLandUse	LandUseSquareFeet	11,600.00	11,387.00
tblLandUse	LandUseSquareFeet	110,000.00	110,258.00
tblLandUse	LotAcreage	0.39	0.00
tblLandUse	LotAcreage	0.26	0.00
tblLandUse	LotAcreage	2.89	1.54
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	2.70
tblOffRoadEquipment	UsageHours	8.00	2.70
tblOffRoadEquipment	UsageHours	7.00	1.10
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	69.00	0.00

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tblTripsAndVMT	HaulingTripNumber	263.00	0.00
tblTripsAndVMT	VendorTripNumber	17.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	92.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblVehicleEF	HHD	0.02	0.20
tblVehicleEF	HHD	0.05	0.09
tblVehicleEF	HHD	6.28	5.00
tblVehicleEF	HHD	0.41	0.63
tblVehicleEF	HHD	6.6850e-003	8.7300e-004
tblVehicleEF	HHD	930.05	719.71
tblVehicleEF	HHD	1,226.35	1,395.93
tblVehicleEF	HHD	0.05	9.4370e-003
tblVehicleEF	HHD	0.15	0.12
tblVehicleEF	HHD	0.19	0.22
tblVehicleEF	HHD	2.0000e-006	4.0000e-006
tblVehicleEF	HHD	5.20	3.81
tblVehicleEF	HHD	2.52	1.45
tblVehicleEF	HHD	2.31	2.60
tblVehicleEF	HHD	2.1460e-003	1.7380e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	2.0530e-003	1.6560e-003

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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9050e-003	8.7860e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	1.0000e-006	4.0000e-005
tblVehicleEF	HHD	5.8000e-005	1.3000e-005
tblVehicleEF	HHD	0.42	0.31
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	2.5000e-005	1.1400e-004
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	8.6530e-003	6.2150e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	1.0000e-006	4.0000e-005
tblVehicleEF	HHD	5.8000e-005	1.3000e-005
tblVehicleEF	HHD	0.49	0.54
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.07	0.10
tblVehicleEF	HHD	2.5000e-005	1.1400e-004
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	LDA	9.5900e-004	1.2510e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.40	0.48
tblVehicleEF	LDA	1.69	2.09
tblVehicleEF	LDA	199.86	218.64
tblVehicleEF	LDA	42.17	55.99
tblVehicleEF	LDA	3.1760e-003	3.1650e-003
tblVehicleEF	LDA	0.02	0.03

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tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.12	0.18
tblVehicleEF	LDA	0.04	7.0780e-003
tblVehicleEF	LDA	9.1600e-004	8.3800e-004
tblVehicleEF	LDA	1.2750e-003	1.4820e-003
tblVehicleEF	LDA	0.02	2.4770e-003
tblVehicleEF	LDA	8.4300e-004	7.7100e-004
tblVehicleEF	LDA	1.1720e-003	1.3620e-003
tblVehicleEF	LDA	0.02	0.23
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	3.2350e-003	4.3400e-003
tblVehicleEF	LDA	0.02	0.17
tblVehicleEF	LDA	0.12	0.20
tblVehicleEF	LDA	1.9770e-003	2.1610e-003
tblVehicleEF	LDA	4.1700e-004	5.5400e-004
tblVehicleEF	LDA	0.02	0.23
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	4.6990e-003	6.3290e-003
tblVehicleEF	LDA	0.02	0.17
tblVehicleEF	LDA	0.13	0.22
tblVehicleEF	LDT1	1.6710e-003	3.2730e-003
tblVehicleEF	LDT1	0.04	0.07
tblVehicleEF	LDT1	0.53	0.90
tblVehicleEF	LDT1	1.82	3.41
tblVehicleEF	LDT1	241.46	296.02
tblVehicleEF	LDT1	51.55	76.24
tblVehicleEF	LDT1	3.7700e-003	5.8700e-003

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tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.03	0.07
tblVehicleEF	LDT1	0.15	0.27
tblVehicleEF	LDT1	0.04	9.1380e-003
tblVehicleEF	LDT1	1.0550e-003	1.2600e-003
tblVehicleEF	LDT1	1.4610e-003	2.0740e-003
tblVehicleEF	LDT1	0.02	3.1980e-003
tblVehicleEF	LDT1	9.7000e-004	1.1590e-003
tblVehicleEF	LDT1	1.3440e-003	1.9070e-003
tblVehicleEF	LDT1	0.05	0.47
tblVehicleEF	LDT1	0.09	0.12
tblVehicleEF	LDT1	0.04	0.00
tblVehicleEF	LDT1	6.4760e-003	0.01
tblVehicleEF	LDT1	0.06	0.36
tblVehicleEF	LDT1	0.15	0.34
tblVehicleEF	LDT1	2.3890e-003	2.9260e-003
tblVehicleEF	LDT1	5.1000e-004	7.5400e-004
tblVehicleEF	LDT1	0.05	0.47
tblVehicleEF	LDT1	0.09	0.12
tblVehicleEF	LDT1	0.04	0.00
tblVehicleEF	LDT1	9.4480e-003	0.02
tblVehicleEF	LDT1	0.06	0.36
tblVehicleEF	LDT1	0.17	0.37
tblVehicleEF	LDT2	1.7260e-003	1.8780e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.55	0.64
tblVehicleEF	LDT2	2.25	2.73
tblVehicleEF	LDT2	249.80	304.99
tblVehicleEF	LDT2	53.79	77.16

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tblVehicleEF	LDT2	4.0490e-003	4.5010e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.17	0.25
tblVehicleEF	LDT2	0.04	8.8380e-003
tblVehicleEF	LDT2	1.0100e-003	9.8900e-004
tblVehicleEF	LDT2	1.3400e-003	1.6580e-003
tblVehicleEF	LDT2	0.02	3.0930e-003
tblVehicleEF	LDT2	9.3000e-004	9.1000e-004
tblVehicleEF	LDT2	1.2320e-003	1.5240e-003
tblVehicleEF	LDT2	0.05	0.25
tblVehicleEF	LDT2	0.09	0.06
tblVehicleEF	LDT2	0.05	0.00
tblVehicleEF	LDT2	6.5290e-003	6.8650e-003
tblVehicleEF	LDT2	0.05	0.19
tblVehicleEF	LDT2	0.18	0.27
tblVehicleEF	LDT2	2.4710e-003	3.0150e-003
tblVehicleEF	LDT2	5.3200e-004	7.6300e-004
tblVehicleEF	LDT2	0.05	0.25
tblVehicleEF	LDT2	0.09	0.06
tblVehicleEF	LDT2	0.05	0.00
tblVehicleEF	LDT2	9.4890e-003	0.01
tblVehicleEF	LDT2	0.05	0.19
tblVehicleEF	LDT2	0.20	0.29
tblVehicleEF	LHD1	4.1480e-003	4.3350e-003
tblVehicleEF	LHD1	5.1950e-003	4.0280e-003
tblVehicleEF	LHD1	9.0230e-003	0.02
tblVehicleEF	LHD1	0.18	0.18
tblVehicleEF	LHD1	0.47	0.54

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tblVehicleEF	LHD1	0.89	2.05
tblVehicleEF	LHD1	8.25	7.81
tblVehicleEF	LHD1	698.55	665.93
tblVehicleEF	LHD1	10.09	15.88
tblVehicleEF	LHD1	7.2900e-004	5.8900e-004
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.30	0.31
tblVehicleEF	LHD1	0.23	0.33
tblVehicleEF	LHD1	9.1500e-004	6.6600e-004
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	9.9010e-003	9.3430e-003
tblVehicleEF	LHD1	7.0190e-003	9.1890e-003
tblVehicleEF	LHD1	2.1000e-004	1.3400e-004
tblVehicleEF	LHD1	8.7500e-004	6.3700e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.4750e-003	2.3360e-003
tblVehicleEF	LHD1	6.6710e-003	8.7610e-003
tblVehicleEF	LHD1	1.9300e-004	1.2300e-004
tblVehicleEF	LHD1	1.4030e-003	0.09
tblVehicleEF	LHD1	0.05	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.7200e-004	0.00
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.18	0.12
tblVehicleEF	LHD1	0.04	0.08
tblVehicleEF	LHD1	8.0000e-005	7.6000e-005
tblVehicleEF	LHD1	6.8120e-003	6.4980e-003

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tblVehicleEF	LHD1	1.0000e-004	1.5700e-004
tblVehicleEF	LHD1	1.4030e-003	0.09
tblVehicleEF	LHD1	0.05	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.7200e-004	0.00
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.18	0.12
tblVehicleEF	LHD1	0.05	0.09
tblVehicleEF	LHD2	2.5050e-003	2.5080e-003
tblVehicleEF	LHD2	5.3390e-003	4.4570e-003
tblVehicleEF	LHD2	4.8110e-003	8.7200e-003
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.49	0.38
tblVehicleEF	LHD2	0.48	1.11
tblVehicleEF	LHD2	13.00	13.36
tblVehicleEF	LHD2	679.81	713.03
tblVehicleEF	LHD2	6.44	8.54
tblVehicleEF	LHD2	1.6660e-003	1.6800e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.07	0.08
tblVehicleEF	LHD2	0.38	0.50
tblVehicleEF	LHD2	0.12	0.18
tblVehicleEF	LHD2	1.5020e-003	1.4560e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0600e-004	5.7000e-005
tblVehicleEF	LHD2	1.4370e-003	1.3930e-003

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tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	2.7110e-003	2.6340e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.8000e-005	5.2000e-005
tblVehicleEF	LHD2	6.4200e-004	0.05
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.7400e-004	0.00
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	1.2400e-004	1.2800e-004
tblVehicleEF	LHD2	6.5570e-003	6.8600e-003
tblVehicleEF	LHD2	6.4000e-005	8.4000e-005
tblVehicleEF	LHD2	6.4200e-004	0.05
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.7400e-004	0.00
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.02	0.05
tblVehicleEF	MCY	0.32	0.14
tblVehicleEF	MCY	0.25	0.16
tblVehicleEF	MCY	17.61	11.05
tblVehicleEF	MCY	9.20	7.83
tblVehicleEF	MCY	209.76	185.58
tblVehicleEF	MCY	59.23	42.83
tblVehicleEF	MCY	0.07	0.04
tblVehicleEF	MCY	0.02	6.3410e-003

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tblVehicleEF	MCY	1.14	0.51
tblVehicleEF	MCY	0.27	0.10
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	2.1380e-003	1.9970e-003
tblVehicleEF	MCY	2.8620e-003	3.4160e-003
tblVehicleEF	MCY	5.0400e-003	4.2000e-003
tblVehicleEF	MCY	1.9940e-003	1.8640e-003
tblVehicleEF	MCY	2.6760e-003	3.1970e-003
tblVehicleEF	MCY	0.89	3.68
tblVehicleEF	MCY	0.63	3.56
tblVehicleEF	MCY	0.47	0.00
tblVehicleEF	MCY	2.13	0.89
tblVehicleEF	MCY	0.46	3.78
tblVehicleEF	MCY	1.88	1.13
tblVehicleEF	MCY	2.0760e-003	1.8350e-003
tblVehicleEF	MCY	5.8600e-004	4.2300e-004
tblVehicleEF	MCY	0.89	0.08
tblVehicleEF	MCY	0.63	3.56
tblVehicleEF	MCY	0.47	0.00
tblVehicleEF	MCY	2.67	1.09
tblVehicleEF	MCY	0.46	3.78
tblVehicleEF	MCY	2.04	1.23
tblVehicleEF	MDV	1.7720e-003	2.0970e-003
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.54	0.66
tblVehicleEF	MDV	2.29	2.78
tblVehicleEF	MDV	301.13	364.04
tblVehicleEF	MDV	63.46	91.48
tblVehicleEF	MDV	5.2660e-003	5.4050e-003

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tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.18	0.27
tblVehicleEF	MDV	0.04	8.8920e-003
tblVehicleEF	MDV	1.0200e-003	9.7100e-004
tblVehicleEF	MDV	1.3440e-003	1.6080e-003
tblVehicleEF	MDV	0.02	3.1120e-003
tblVehicleEF	MDV	9.4000e-004	8.9400e-004
tblVehicleEF	MDV	1.2360e-003	1.4780e-003
tblVehicleEF	MDV	0.06	0.28
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	6.8620e-003	8.0910e-003
tblVehicleEF	MDV	0.05	0.21
tblVehicleEF	MDV	0.20	0.30
tblVehicleEF	MDV	2.9760e-003	3.5970e-003
tblVehicleEF	MDV	6.2800e-004	9.0400e-004
tblVehicleEF	MDV	0.06	0.28
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.06	0.00
tblVehicleEF	MDV	9.9460e-003	0.01
tblVehicleEF	MDV	0.05	0.21
tblVehicleEF	MDV	0.22	0.33
tblVehicleEF	MH	5.0270e-003	6.0740e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.31	0.37
tblVehicleEF	MH	1.64	1.92
tblVehicleEF	MH	1,350.27	1,656.25
tblVehicleEF	MH	15.54	20.13

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tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.06	1.28
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1200e-004	2.3300e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.2970e-003	3.3360e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.9500e-004	2.1400e-004
tblVehicleEF	MH	0.35	20.30
tblVehicleEF	MH	0.03	4.90
tblVehicleEF	MH	0.14	0.00
tblVehicleEF	MH	0.04	0.05
tblVehicleEF	MH	5.8500e-003	0.12
tblVehicleEF	MH	0.07	0.09
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	1.5400e-004	1.9900e-004
tblVehicleEF	MH	0.35	20.30
tblVehicleEF	MH	0.03	4.90
tblVehicleEF	MH	0.14	0.00
tblVehicleEF	MH	0.05	0.06
tblVehicleEF	MH	5.8500e-003	0.12
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MHD	3.8320e-003	0.02
tblVehicleEF	MHD	1.0340e-003	9.4650e-003
tblVehicleEF	MHD	8.3830e-003	6.5780e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	0.41	0.63
tblVehicleEF	MHD	0.15	0.16
tblVehicleEF	MHD	0.87	0.72
tblVehicleEF	MHD	65.10	143.38
tblVehicleEF	MHD	993.45	1,074.54
tblVehicleEF	MHD	8.55	6.79
tblVehicleEF	MHD	9.3710e-003	0.02
tblVehicleEF	MHD	0.12	0.14
tblVehicleEF	MHD	7.7400e-003	4.7600e-003
tblVehicleEF	MHD	0.34	0.73
tblVehicleEF	MHD	1.43	0.58
tblVehicleEF	MHD	1.69	1.22
tblVehicleEF	MHD	1.6200e-004	6.5500e-004
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	7.0060e-003	5.4200e-003
tblVehicleEF	MHD	1.1200e-004	8.2000e-005
tblVehicleEF	MHD	1.5500e-004	6.2600e-004
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	6.6960e-003	5.1780e-003
tblVehicleEF	MHD	1.0300e-004	7.6000e-005
tblVehicleEF	MHD	2.8900e-004	0.01
tblVehicleEF	MHD	0.01	3.4200e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.6800e-004	0.00
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.1800e-004	1.3200e-003
tblVehicleEF	MHD	9.4800e-003	0.01

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tblVehicleEF	MHD	8.5000e-005	6.7000e-005
tblVehicleEF	MHD	2.8900e-004	0.01
tblVehicleEF	MHD	0.01	3.4200e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.6800e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	OBUS	7.0980e-003	7.5210e-003
tblVehicleEF	OBUS	2.1970e-003	0.01
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.64	0.55
tblVehicleEF	OBUS	0.26	0.29
tblVehicleEF	OBUS	1.58	1.46
tblVehicleEF	OBUS	97.36	89.81
tblVehicleEF	OBUS	1,210.85	1,245.37
tblVehicleEF	OBUS	13.46	12.02
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.12	0.15
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.43	0.33
tblVehicleEF	OBUS	1.45	0.83
tblVehicleEF	OBUS	1.13	0.93
tblVehicleEF	OBUS	1.4200e-004	3.1100e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	7.8820e-003	0.01
tblVehicleEF	OBUS	1.5600e-004	1.1800e-004
tblVehicleEF	OBUS	1.3600e-004	2.9700e-004
tblVehicleEF	OBUS	0.06	0.02

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tblVehicleEF	OBUS	7.5260e-003	0.01
tblVehicleEF	OBUS	1.4400e-004	1.0900e-004
tblVehicleEF	OBUS	1.0620e-003	0.07
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	4.8700e-004	0.00
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	0.08	0.07
tblVehicleEF	OBUS	9.2400e-004	8.4600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.3300e-004	1.1900e-004
tblVehicleEF	OBUS	1.0620e-003	0.07
tblVehicleEF	OBUS	0.02	0.01
tblVehicleEF	OBUS	0.06	0.05
tblVehicleEF	OBUS	4.8700e-004	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.05	0.08
tblVehicleEF	OBUS	0.08	0.08
tblVehicleEF	SBUS	0.07	0.08
tblVehicleEF	SBUS	4.4040e-003	0.09
tblVehicleEF	SBUS	6.3380e-003	5.2160e-003
tblVehicleEF	SBUS	2.93	1.82
tblVehicleEF	SBUS	0.37	0.72
tblVehicleEF	SBUS	0.86	0.67
tblVehicleEF	SBUS	337.48	181.81
tblVehicleEF	SBUS	970.50	941.81
tblVehicleEF	SBUS	5.06	3.93
tblVehicleEF	SBUS	0.04	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.12	0.11
tblVehicleEF	SBUS	6.4910e-003	4.8480e-003
tblVehicleEF	SBUS	2.71	1.09
tblVehicleEF	SBUS	3.09	1.57
tblVehicleEF	SBUS	1.18	0.52
tblVehicleEF	SBUS	2.0480e-003	7.4600e-004
tblVehicleEF	SBUS	0.74	0.04
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	8.5750e-003
tblVehicleEF	SBUS	6.8000e-005	4.6000e-005
tblVehicleEF	SBUS	1.9600e-003	7.1300e-004
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.6690e-003	2.6100e-003
tblVehicleEF	SBUS	0.02	8.1870e-003
tblVehicleEF	SBUS	6.2000e-005	4.2000e-005
tblVehicleEF	SBUS	8.7000e-004	0.04
tblVehicleEF	SBUS	8.3040e-003	9.3350e-003
tblVehicleEF	SBUS	0.32	0.20
tblVehicleEF	SBUS	4.1400e-004	0.00
tblVehicleEF	SBUS	0.06	0.04
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	3.2190e-003	1.6390e-003
tblVehicleEF	SBUS	9.2880e-003	8.7390e-003
tblVehicleEF	SBUS	5.0000e-005	3.9000e-005
tblVehicleEF	SBUS	8.7000e-004	0.04
tblVehicleEF	SBUS	8.3040e-003	9.3350e-003
tblVehicleEF	SBUS	0.46	0.32
tblVehicleEF	SBUS	4.1400e-004	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.07	0.13
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	UBUS	1.86	0.63
tblVehicleEF	UBUS	2.1860e-003	2.5020e-003
tblVehicleEF	UBUS	14.11	7.38
tblVehicleEF	UBUS	0.14	0.53
tblVehicleEF	UBUS	1,668.67	969.99
tblVehicleEF	UBUS	1.40	3.03
tblVehicleEF	UBUS	0.28	0.15
tblVehicleEF	UBUS	1.2560e-003	4.5820e-003
tblVehicleEF	UBUS	0.71	0.26
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.07	0.15
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	5.1160e-003	4.8220e-003
tblVehicleEF	UBUS	1.5000e-005	1.3000e-005
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	8.3320e-003	0.01
tblVehicleEF	UBUS	4.8930e-003	4.6090e-003
tblVehicleEF	UBUS	1.4000e-005	1.2000e-005
tblVehicleEF	UBUS	6.1000e-005	7.0380e-003
tblVehicleEF	UBUS	8.1400e-004	2.0980e-003
tblVehicleEF	UBUS	3.6000e-005	0.00
tblVehicleEF	UBUS	0.03	0.05
tblVehicleEF	UBUS	1.7600e-004	7.8780e-003
tblVehicleEF	UBUS	9.2610e-003	8.3780e-003
tblVehicleEF	UBUS	0.01	7.3890e-003
tblVehicleEF	UBUS	1.4000e-005	3.0000e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	6.1000e-005	7.0380e-003
tblVehicleEF	UBUS	8.1400e-004	2.0980e-003
tblVehicleEF	UBUS	3.6000e-005	0.00
tblVehicleEF	UBUS	1.90	0.69
tblVehicleEF	UBUS	1.7600e-004	7.8780e-003
tblVehicleEF	UBUS	0.01	9.1730e-003
tblVehicleTrips	ST_TR	4.91	4.81
tblVehicleTrips	SU_TR	4.09	4.01
tblVehicleTrips	WD_TR	5.44	5.33
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	2.20	0.00
tblWoodstoves	NumberNoncatalytic	2.20	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00
tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.0546	0.5512	0.4661	9.6000e-004	0.1546	0.0238	0.1784	0.0702	0.0221	0.0923	0.0000	84.1554	84.1554	0.0252	0.0000	84.7841
2024	0.8049	0.8953	1.0274	1.8400e-003	0.0000	0.0391	0.0391	0.0000	0.0372	0.0372	0.0000	157.8819	157.8819	0.0319	0.0000	158.6784
2025	0.0818	0.0318	0.0537	8.0000e-005	0.0000	1.2900e-003	1.2900e-003	0.0000	1.2200e-003	1.2200e-003	0.0000	7.2057	7.2057	1.8600e-003	0.0000	7.2522
Maximum	**0.8049**	**0.8953**	**1.0274**	**1.8400e-003**	**0.1546**	**0.0391**	**0.1784**	**0.0702**	**0.0372**	**0.0923**	**0.0000**	**157.8819**	**157.8819**	**0.0319**	**0.0000**	**158.6784**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.0160	0.3285	0.5990	9.4000e-004	0.0696	1.6700e-003	0.0712	0.0316	1.6700e-003	0.0333	0.0000	82.6344	82.6344	0.0247	0.0000	83.2508
2024	0.7468	0.5934	0.9447	1.4000e-003	0.0000	7.9800e-003	7.9800e-003	0.0000	7.9800e-003	7.9800e-003	0.0000	118.8473	118.8473	0.0192	0.0000	119.3281
2025	0.0798	0.0350	0.0576	8.0000e-005	0.0000	4.1000e-004	4.1000e-004	0.0000	4.1000e-004	4.1000e-004	0.0000	7.2057	7.2057	1.8600e-003	0.0000	7.2522
Maximum	**0.7468**	**0.5934**	**0.9447**	**1.4000e-003**	**0.0696**	**7.9800e-003**	**0.0712**	**0.0316**	**7.9800e-003**	**0.0333**	**0.0000**	**118.8473**	**118.8473**	**0.0247**	**0.0000**	**119.3281**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**10.48**	**35.27**	**-3.50**	**15.97**	**55.00**	**84.32**	**63.60**	**55.00**	**83.35**	**68.11**	**0.00**	**16.27**	**16.27**	**22.29**	**0.00**	**16.31**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2023	11-30-2023	0.5433	0.2964
2	12-1-2023	2-29-2024	0.3144	0.1925
3	3-1-2024	5-31-2024	0.3756	0.2157
4	6-1-2024	8-31-2024	0.4158	0.3110
5	9-1-2024	11-30-2024	0.4934	0.5024
6	12-1-2024	2-28-2025	0.2774	0.2815
		Highest	0.5433	0.5024

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5352	9.4000e-003	0.8153	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3355	1.3355	1.2700e-003	0.0000	1.3673
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	111.7957	111.7957	0.0120	1.4500e-003	112.5279
Mobile	0.2666	0.1687	1.6876	4.3000e-003	0.4362	2.5100e-003	0.4387	0.1088	2.3500e-003	0.1111	0.0000	397.1770	397.1770	0.0188	0.0177	402.9295
Waste						0.0000	0.0000		0.0000	0.0000	10.2713	0.0000	10.2713	0.6070	0.0000	25.4468
Water						0.0000	0.0000		0.0000	0.0000	2.5357	7.6267	10.1624	9.5400e-003	5.6100e-003	12.0738
Total	**0.8018**	**0.1781**	**2.5029**	**4.3400e-003**	**0.4362**	**7.0400e-003**	**0.4433**	**0.1088**	**6.8800e-003**	**0.1157**	**12.8070**	**517.9349**	**530.7419**	**0.6486**	**0.0248**	**554.3453**

Mitigated Operational

Date: 5/5/2022 10:24 AM

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5352	9.4000e-003	0.8153	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3355	1.3355	1.2700e-003	0.0000	1.3673
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	111.7957	111.7957	0.0120	1.4500e-003	112.5279
Mobile	0.2666	0.1687	1.6876	4.3000e-003	0.4362	2.5100e-003	0.4387	0.1088	2.3500e-003	0.1111	0.0000	397.1770	397.1770	0.0188	0.0177	402.9295
Waste						0.0000	0.0000		0.0000	0.0000	10.2713	0.0000	10.2713	0.6070	0.0000	25.4468
Water						0.0000	0.0000		0.0000	0.0000	2.5357	7.6267	10.1624	9.5400e-003	5.6100e-003	12.0738
Total	**0.8018**	**0.1781**	**2.5029**	**4.3400e-003**	**0.4362**	**7.0400e-003**	**0.4433**	**0.1088**	**6.8800e-003**	**0.1157**	**12.8070**	**517.9349**	**530.7419**	**0.6486**	**0.0248**	**554.3453**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2023	9/28/2023	5	20	
2	Site Preparation	Site Preparation	9/29/2023	10/26/2023	5	20	
3	Grading	Grading	10/27/2023	11/23/2023	5	20	
4	Trenching	Trenching	11/24/2023	12/21/2023	5	20	
5	Building Construction	Building Construction	12/22/2023	8/1/2024	5	160	

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6	Architectural Coating	Architectural Coating	8/2/2024	1/16/2025	5	120	
7	Paving	Paving	1/17/2025	2/6/2025	5	15	

Acres of Grading (Site Preparation Phase): 20

Acres of Grading (Grading Phase): 30

Acres of Paving: 0

Residential Indoor: 223,272; Residential Outdoor: 74,424; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 1,795

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	2	8.00	158	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching	Excavators	1	8.00	158	0.38
Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Architectural Coating	Aerial Lifts	2	5.30	63	0.31
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	2.70	130	0.42
Paving	Paving Equipment	1	2.70	132	0.36
Paving	Rollers	1	1.10	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	2	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	6	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.4800e-003	0.0000	7.4800e-003	1.1300e-003	0.0000	1.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0155	0.1434	0.1551	2.8000e-004		6.7700e-003	6.7700e-003		6.3300e-003	6.3300e-003	0.0000	24.6886	24.6886	6.5100e-003	0.0000	24.8514
Total	**0.0155**	**0.1434**	**0.1551**	**2.8000e-004**	**7.4800e-003**	**6.7700e-003**	**0.0143**	**1.1300e-003**	**6.3300e-003**	**7.4600e-003**	**0.0000**	**24.6886**	**24.6886**	**6.5100e-003**	**0.0000**	**24.8514**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

21-142 1601 Civic Center Drive - Santa Clara County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.3700e-003	0.0000	3.3700e-003	5.1000e-004	0.0000	5.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5100e-003	0.1039	0.1857	2.8000e-004		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	24.6886	24.6886	6.5100e-003	0.0000	24.8514
Total	**4.5100e-003**	**0.1039**	**0.1857**	**2.8000e-004**	**3.3700e-003**	**4.4000e-004**	**3.8100e-003**	**5.1000e-004**	**4.4000e-004**	**9.5000e-004**	**0.0000**	**24.6886**	**24.6886**	**6.5100e-003**	**0.0000**	**24.8514**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0708	0.0000	0.0708	0.0343	0.0000	0.0343	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0122	0.1332	0.0703	1.8000e-004		5.4700e-003	5.4700e-003		5.0400e-003	5.0400e-003	0.0000	16.0520	16.0520	5.1900e-003	0.0000	16.1818
Total	**0.0122**	**0.1332**	**0.0703**	**1.8000e-004**	**0.0708**	**5.4700e-003**	**0.0763**	**0.0343**	**5.0400e-003**	**0.0393**	**0.0000**	**16.0520**	**16.0520**	**5.1900e-003**	**0.0000**	**16.1818**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0319	0.0000	0.0319	0.0154	0.0000	0.0154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1700e-003	0.0535	0.1039	1.8000e-004		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	16.0520	16.0520	5.1900e-003	0.0000	16.1818
Total	**3.1700e-003**	**0.0535**	**0.1039**	**1.8000e-004**	**0.0319**	**3.0000e-004**	**0.0322**	**0.0154**	**3.0000e-004**	**0.0157**	**0.0000**	**16.0520**	**16.0520**	**5.1900e-003**	**0.0000**	**16.1818**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.4 Grading - 2023

Unmitigated Construction On-Site

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0763	0.0000	0.0763	0.0348	0.0000	0.0348	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0198	0.2107	0.1524	3.5000e-004		8.5000e-003	8.5000e-003		7.8200e-003	7.8200e-003	0.0000	30.9395	30.9395	0.0100	0.0000	31.1897
Total	**0.0198**	**0.2107**	**0.1524**	**3.5000e-004**	**0.0763**	**8.5000e-003**	**0.0848**	**0.0348**	**7.8200e-003**	**0.0427**	**0.0000**	**30.9395**	**30.9395**	**0.0100**	**0.0000**	**31.1897**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0343	0.0000	0.0343	0.0157	0.0000	0.0157	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5200e-003	0.1165	0.2174	3.5000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	30.9395	30.9395	0.0100	0.0000	31.1897
Total	**5.5200e-003**	**0.1165**	**0.2174**	**3.5000e-004**	**0.0343**	**5.8000e-004**	**0.0349**	**0.0157**	**5.8000e-004**	**0.0163**	**0.0000**	**30.9395**	**30.9395**	**0.0100**	**0.0000**	**31.1897**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Trenching - 2023

Unmitigated Construction On-Site

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.4000e-003	0.0308	0.0549	8.0000e-005		1.5200e-003	1.5200e-003		1.3900e-003	1.3900e-003	0.0000	7.2727	7.2727	2.3500e-003	0.0000	7.3315
Total	**3.4000e-003**	**0.0308**	**0.0549**	**8.0000e-005**		**1.5200e-003**	**1.5200e-003**		**1.3900e-003**	**1.3900e-003**	**0.0000**	**7.2727**	**7.2727**	**2.3500e-003**	**0.0000**	**7.3315**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category	tons/yr										MT/yr					
Off-Road	1.3300e-003	0.0363	0.0626	8.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	7.2727	7.2727	2.3500e-003	0.0000	7.3315
Total	**1.3300e-003**	**0.0363**	**0.0626**	**8.0000e-005**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**7.2727**	**7.2727**	**2.3500e-003**	**0.0000**	**7.3315**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-Road	3.6900e-003	0.0331	0.0334	6.0000e-005		1.5500e-003	1.5500e-003		1.4700e-003	1.4700e-003	0.0000	5.2025	5.2025	1.0900e-003	0.0000	5.2297
Total	**3.6900e-003**	**0.0331**	**0.0334**	**6.0000e-005**		**1.5500e-003**	**1.5500e-003**		**1.4700e-003**	**1.4700e-003**	**0.0000**	**5.2025**	**5.2025**	**1.0900e-003**	**0.0000**	**5.2297**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4900e-003	0.0184	0.0294	4.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.6816	3.6816	6.0000e-004	0.0000	3.6965

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Total	**1.4900e-003**	**0.0184**	**0.0294**	**4.0000e-005**		**2.2000e-004**	**2.2000e-004**		**2.2000e-004**	**2.2000e-004**	**0.0000**	**3.6816**	**3.6816**	**6.0000e-004**	**0.0000**	**3.6965**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0885	0.7918	0.8514	1.5600e-003		0.0351	0.0351		0.0333	0.0333	0.0000	133.5389	133.5389	0.0277	0.0000	134.2305
Total	**0.0885**	**0.7918**	**0.8514**	**1.5600e-003**		**0.0351**	**0.0351**		**0.0333**	**0.0333**	**0.0000**	**133.5389**	**133.5389**	**0.0277**	**0.0000**	**134.2305**

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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0368	0.4687	0.7546	1.1200e-003		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003	0.0000	94.5043	94.5043	0.0150	0.0000	94.8803
Total	**0.0368**	**0.4687**	**0.7546**	**1.1200e-003**		**5.0100e-003**	**5.0100e-003**		**5.0100e-003**	**5.0100e-003**	**0.0000**	**94.5043**	**94.5043**	**0.0150**	**0.0000**	**94.8803**

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7042					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0122	0.1035	0.1759	2.8000e-004		3.9400e-003	3.9400e-003		3.8900e-003	3.8900e-003	0.0000	24.3431	24.3431	4.1900e-003	0.0000	24.4478
Total	**0.7164**	**0.1035**	**0.1759**	**2.8000e-004**		**3.9400e-003**	**3.9400e-003**		**3.8900e-003**	**3.8900e-003**	**0.0000**	**24.3431**	**24.3431**	**4.1900e-003**	**0.0000**	**24.4478**

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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7042					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.9000e-003	0.1248	0.1901	2.8000e-004		2.9700e-003	2.9700e-003		2.9700e-003	2.9700e-003	0.0000	24.3430	24.3430	4.1900e-003	0.0000	24.4478
Total	**0.7101**	**0.1248**	**0.1901**	**2.8000e-004**		**2.9700e-003**	**2.9700e-003**		**2.9700e-003**	**2.9700e-003**	**0.0000**	**24.3430**	**24.3430**	**4.1900e-003**	**0.0000**	**24.4478**

Mitigated Construction Off-Site

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0782					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3000e-003	0.0110	0.0195	3.0000e-005		3.8000e-004	3.8000e-004		3.7000e-004	3.7000e-004	0.0000	2.7048	2.7048	4.6000e-004	0.0000	2.7164
Total	**0.0795**	**0.0110**	**0.0195**	**3.0000e-005**		**3.8000e-004**	**3.8000e-004**		**3.7000e-004**	**3.7000e-004**	**0.0000**	**2.7048**	**2.7048**	**4.6000e-004**	**0.0000**	**2.7164**

Unmitigated Construction Off-Site

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0782					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-004	0.0139	0.0211	3.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	2.7048	2.7048	4.6000e-004	0.0000	2.7164
Total	**0.0789**	**0.0139**	**0.0211**	**3.0000e-005**		**3.3000e-004**	**3.3000e-004**		**3.3000e-004**	**3.3000e-004**	**0.0000**	**2.7048**	**2.7048**	**4.6000e-004**	**0.0000**	**2.7164**

Mitigated Construction Off-Site

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.8 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.2700e-003	0.0208	0.0341	5.0000e-005		9.1000e-004	9.1000e-004		8.4000e-004	8.4000e-004	0.0000	4.5009	4.5009	1.4000e-003	0.0000	4.5359
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2700e-003**	**0.0208**	**0.0341**	**5.0000e-005**		**9.1000e-004**	**9.1000e-004**		**8.4000e-004**	**8.4000e-004**	**0.0000**	**4.5009**	**4.5009**	**1.4000e-003**	**0.0000**	**4.5359**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.6000e-004	0.0211	0.0365	5.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	4.5009	4.5009	1.4000e-003	0.0000	4.5359
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.6000e-004**	**0.0211**	**0.0365**	**5.0000e-005**		**8.0000e-005**	**8.0000e-005**		**8.0000e-005**	**8.0000e-005**	**0.0000**	**4.5009**	**4.5009**	**1.4000e-003**	**0.0000**	**4.5359**

Mitigated Construction Off-Site

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2666	0.1687	1.6876	4.3000e-003	0.4362	2.5100e-003	0.4387	0.1088	2.3500e-003	0.1111	0.0000	397.1770	397.1770	0.0188	0.0177	402.9295
Unmitigated	0.2666	0.1687	1.6876	4.3000e-003	0.4362	2.5100e-003	0.4387	0.1088	2.3500e-003	0.1111	0.0000	397.1770	397.1770	0.0188	0.0177	402.9295

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4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	586.30	529.10	441.10	1,287,342	1,287,342
Enclosed Parking with Elevator	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	586.30	529.10	441.10	1,287,342	1,287,342

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.514977	0.035448	0.239576	0.135703	0.024260	0.006170	0.009659	0.007844	0.001064	0.000396	0.021950	0.000681	0.002272
Enclosed Parking with Elevator	0.514977	0.035448	0.239576	0.135703	0.024260	0.006170	0.009659	0.007844	0.001064	0.000396	0.021950	0.000681	0.002272
Parking Lot	0.514977	0.035448	0.239576	0.135703	0.024260	0.006170	0.009659	0.007844	0.001064	0.000396	0.021950	0.000681	0.002272

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	111.7957	111.7957	0.0120	1.4500e-003	112.5279
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	111.7957	111.7957	0.0120	1.4500e-003	112.5279
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	695526	97.1631	0.0104	1.2600e-003	97.7994
Enclosed Parking with Elevator	100760	14.0759	1.5100e-003	1.8000e-004	14.1681
Parking Lot	3985.45	0.5568	6.0000e-005	1.0000e-005	0.5604
Total		**111.7957**	**0.0120**	**1.4500e-003**	**112.5279**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	695526	97.1631	0.0104	1.2600e-003	97.7994
Enclosed Parking with Elevator	100760	14.0759	1.5100e-003	1.8000e-004	14.1681
Parking Lot	3985.45	0.5568	6.0000e-005	1.0000e-005	0.5604
Total		**111.7957**	**0.0120**	**1.4500e-003**	**112.5279**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5352	9.4000e-003	0.8153	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3355	1.3355	1.2700e-003	0.0000	1.3673
Unmitigated	0.5352	9.4000e-003	0.8153	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3355	1.3355	1.2700e-003	0.0000	1.3673

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0782					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4326					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0244	9.4000e-003	0.8153	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3355	1.3355	1.2700e-003	0.0000	1.3673
Total	**0.5352**	**9.4000e-003**	**0.8153**	**4.0000e-005**		**4.5300e-003**	**4.5300e-003**		**4.5300e-003**	**4.5300e-003**	**0.0000**	**1.3355**	**1.3355**	**1.2700e-003**	**0.0000**	**1.3673**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0782					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4326					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0244	9.4000e-003	0.8153	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3355	1.3355	1.2700e-003	0.0000	1.3673

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Total	**0.5352**	**9.4000e-003**	**0.8153**	**4.0000e-005**		**4.5300e-003**	**4.5300e-003**		**4.5300e-003**	**4.5300e-003**	**0.0000**	**1.3355**	**1.3355**	**1.2700e-003**	**0.0000**	**1.3673**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	10.1624	9.5400e-003	5.6100e-003	12.0738
Unmitigated	10.1624	9.5400e-003	5.6100e-003	12.0738

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	7.16694 / 4.51829	10.1624	9.5400e-003	5.6100e-003	12.0738
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**10.1624**	**9.5400e-003**	**5.6100e-003**	**12.0738**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	7.16694 / 4.51829	10.1624	9.5400e-003	5.6100e-003	12.0738
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**10.1624**	**9.5400e-003**	**5.6100e-003**	**12.0738**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	MT/yr			
Mitigated	10.2713	0.6070	0.0000	25.4468
Unmitigated	10.2713	0.6070	0.0000	25.4468

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	50.6	10.2713	0.6070	0.0000	25.4468
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**10.2713**	**0.6070**	**0.0000**	**25.4468**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Apartments Mid Rise	50.6	10.2713	0.6070	0.0000	25.4468
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**10.2713**	**0.6070**	**0.0000**	**25.4468**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Attachment 3: EMFAC2021 Calculations

Summary of Construction Traffic Emissions (EMFAC2021)

Pollutants YEAR	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	NBio- CO2	CH4	N2O	CO2e
					Tons							*Metric Tons*		
Criteria Pollutants														
2023	0.0072	0.0296	0.0816	0.0003	0.0191	0.0023	0.0214	0.0029	0.0009	0.0038	30.1233	0.0016	0.0028	31.0089
2024 & 2025	0.0222	0.0928	0.2516	0.0010	0.0630	0.0074	0.0705	0.0095	0.0030	0.0125	97.7351	0.0051	0.0092	100.5917
Toxic Air Contaminants (1.0 Mile Trip Length)														
2023	0.0062	0.0091	0.0288	0.0000	0.0018	0.0002	0.0020	0.0003	0.0001	0.0004	3.6569	0.0006	0.0005	3.8183
2024 & 2025	0.0192	0.0291	0.0894	0.0001	0.0059	0.0007	0.0066	0.0009	0.0003	0.0012	11.8595	0.0019	0.0016	12.3783

CalEEMod Construction Inputs

Phase	CalEEMod WORKER TRIPS	CalEEMod VENDOR TRIPS	Total Worker Trips	Total Vendor Trips	CalEEMod HAULING TRIPS	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class	*Worker VMT*	*Vendor VMT*	*Hauling VMT*
Demolition	13	0	260	0	332	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT	2808	0	6640
Site Preparation	8	0	160	0	0	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT	1728	0	0
Grading	15	0	300	0	263	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT	3240	0	5260
Trenching/Foundation	5	0	100	0	0	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT	1080	0	0
Paving	8	0	120	0	30	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT	1296	0	600
Building Construction	99	20	15840	3200	306	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT	171072	23360	6120
Architectural Coating	20	0	2400	0	0	10.8	7.3	20	LD_Mix	HDT_Mix	HHDT	25920	0	0

Number of Days Per Year					
2023	9/1/23	12/31/23	122	87	
2024 & 2025	1/1/24	2/6/25	403	289	
			525	**376**	***Total Workdays***

Phase	Start Date	End Date	Days/Week	Workdays
Demolition	9/1/2023	9/28/2023	5	20
Site Preparation	9/29/2023	10/26/2023	5	20
Grading	10/27/2023	11/23/2023	5	20
Trenching/Foundation	11/24/2023	12/21/2023	5	20
Paving	1/17/2025	2/6/2025	5	15
Building Construction	12/22/2023	8/1/2024	5	160
Architectural Coating	8/2/2024	1/16/2025	5	120

Source: EMFAC2021 (v1.0.1) Emission Rates
Region Type: County
Region: Santa Clara
Calendar Year: 2023
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Energy Con	NOx_RUNEX	NOx_IDLEX	NOx_STREX	PM2.5_RU	PM2.5_IDL	PM2.5_STR	PM2.5_PM	PM2.5_PM	PM10_RUN	PM10_IDLE	PM10_STR	PM10_PM	PM10_PMI	CO2_RUNEX	CO2_IDLEX	CO2_STREX	CH4_RUNEX	CH4_IDLEX	CH4_STREX	N2O_RUNEX	N2O_IDLEX	N2O_STREX	ROG_RUNI	ROG_IDLEX	ROG_STREX	ROG_HOTS	ROG_RUNI	ROG_DIUR	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_HOTS	TOG_RUNI	TOG_DIUR	NH3_RUNEX	CO_RUNEX	CO_IDLEX	CO_STREX	SOx_RUNE	SOx_IDLEX	SOx_STREX
Santa Clara	2023	HHDT	Aggregate	Aggregate	Gasoline	3.454009	114.3093	114.3093	0	69.10781	0	8.107874	0	1.602501	0.00493	0	0.0017	0.005	0.035266	0.005362	0	0.001849	0.02	0.100759	2306.817	0	49.81185	0.340225	0	0.00018	0.208909	0	0.045697	2.104867	0	0.000979	0.158374	1.426645	10.65375	3.071416	0	0.001072	0.158374	1.426645	10.65375	0.040468	83.0074	0	1.02738	0.022805	0	0.000492
Santa Clara	2023	HHDT	Aggregate	Aggregate	Diesel	8235.059	991289	991289	0	120860.8	0	1.969368	63.40488	2.849455	0.025957	0.031631	0	0.008769	0.027531	0.027131	0.033061	0	0.035077	0.078661	1656.801	12241.32	0	0.000809	0.237446	0	0.26103	1.928625	0	0.017417	5.112156	0	0	0	0	0.019828	5.819801	0	0	0	0	0	0.214624	0.087393	74.20136	0	0.015689	0.115918	0
Santa Clara	2023	HHDT	Aggregate	Aggregate	Electricity	6.70171	411.5054	0	411.5054	103.2044	754.9233	0	0	0	0	0	0	0.00874	0.013383	0	0	0	0.03496	0.038238	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2023	HHDT	Aggregate	Aggregate	Natural Ga	753.7366	53295.97	53295.97	0	6914.034	0	1.208844	13.92832	0	0.001774	0.024237	0	0.009	0.046729	0.001929	0.02636	0	0.036	0.133512	1398.51	10630.2	0	2.44811	37.44665	0	0.285095	2.167036	0	0.054572	0.572265	0	0	0	0	2.520799	38.25947	0	0	0	0	0	0.860105	13.78246	74.03965	0	0	0	0
Santa Clara	2023	LDA	Aggregate	Aggregate	Gasoline	601938.3	22370251	22370251	0	2795479	0	0.047412	0	0.27189	0.001217	0	0.001992	0.002	0.002656	0.001323	0	0.002167	0.008	0.007588	282.586	0	71.87767	0.002603	0	0.076449	0.004995	0	0.034134	0.01016	0	0.353794	0.094758	0.240611	1.480552	0.014823	0	0.387359	0.094758	0.240611	1.480552	0.033781	0.787617	0	3.436611	0.002794	0	0.000711
Santa Clara	2023	LDA	Aggregate	Aggregate	Diesel	1871.125	56220.8	56220.8	0	8000.531	0	0.238318	0	0	0.018559	0	0	0.002	0.002698	0.019399	0	0	0.008	0.007709	234.6327	0	0	0.001413	0	0	0.036966	0	0	0.030417	0	0	0	0	0	0.034627	0	0	0	0	0	0	0.00231	0.342459	0	0	0.002223	0	0
Santa Clara	2023	LDA	Aggregate	Aggregate	Electricity	53751.15	2268185	0	2268185	265250.1	875706.7	0	0	0	0	0	0	0.002	0.001532	0	0	0	0.008	0.004377	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2023	LDT1	Aggregate	Aggregate	Plug-in Hyb	15805.32	700610.9	356649.7	343961.3	65355	103886.6	0.00334	0	0.11551	0.000664	0	0.002171	0.002	0.001373	0.000722	0	0.002361	0.008	0.003922	141.9339	0	66.50966	0.000457	0	0.042604	0.000605	0	0.020916	0.001444	0	0.173285	0.040642	0.036088	0.447056	0.002108	0	0.189725	0.040642	0.036088	0.447056	0.019705	0.219019	0	1.339893	0.001403	0	0.000658
Santa Clara	2023	LDT1	Aggregate	Aggregate	Gasoline	53782.25	1744480	1744480	0	239737.9	0	0.143293	0	0.404336	0.00185	0	0.002837	0.002	0.003239	0.002012	0	0.003085	0.008	0.009253	333.6435	0	88.48953	0.006987	0	0.112557	0.010257	0	0.039834	0.031222	0	0.583212	0.174145	0.503091	2.807011	0.045546	0	0.638542	0.174145	0.503091	2.807011	0.035775	1.553409	0	5.660037	0.003298	0	0.000875
Santa Clara	2023	LDT1	Aggregate	Aggregate	Diesel	26.04714	391.8698	391.8698	0	75.17737	0	1.659056	0	0	0.24041	0	0	0.002	0.003728	0.25128	0	0	0.008	0.010651	415.6155	0	0	0.013928	0	0	0.06548	0	0	0.299852	0	0	0	0	0	0.341362	0	0	0	0	0	0	0.0031	1.601395	0	0	0.003938	0	0
Santa Clara	2023	LDT1	Aggregate	Aggregate	Electricity	194.8941	7068.184	0	7068.184	916.4832	2728.903	0	0	0	0	0	0	0.002	0.00154	0	0	0	0.008	0.0044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2023	LDT1	Aggregate	Aggregate	Plug-in Hyb	43.27677	2048.369	944.1579	1104.211	178.9495	333.5047	0.003025	0	0.11551	0.000387	0	0.00141	0.002	0.001383	0.000421	0	0.001534	0.008	0.003951	128.5161	0	72.39136	0.000412	0	0.042439	0.000544	0	0.020762	0.001308	0	0.173285	0.024584	0.021781	0.285922	0.001909	0	0.189725	0.024584	0.021781	0.285922	0.019359	0.198314	0	1.339893	0.001271	0	0.000716
Santa Clara	2023	LDT2	Aggregate	Aggregate	Gasoline	280180.4	10140967	10140967	0	1311796	0	0.077207	0	0.358346	0.001265	0	0.002003	0.002	0.003125	0.001375	0	0.002179	0.008	0.008929	351.1382	0	90.07377	0.003121	0	0.087759	0.006381	0	0.038646	0.012417	0	0.410727	0.085119	0.224187	1.404898	0.018118	0	0.449694	0.085119	0.224187	1.404898	0.035545	0.896823	0	3.892097	0.003471	0	0.00089
Santa Clara	2023	LDT2	Aggregate	Aggregate	Diesel	978.4967	36936.87	36936.87	0	4673.401	0	0.046157	0	0	0.005431	0	0	0.002	0.003102	0.005677	0	0	0.008	0.008863	315.6668	0	0	0.00065	0	0	0.049733	0	0	0.013984	0	0	0	0	0	0.015919	0	0	0	0	0	0	0.0031	0.132099	0	0	0.002991	0	0
Santa Clara	2023	LDT2	Aggregate	Aggregate	Electricity	1105.879	38931.7	0	38931.7	5663.051	15030.85	0	0	0	0	0	0	0.002	0.001525	0	0	0	0.008	0.004357	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2023	LDT2	Aggregate	Aggregate	Plug-in Hyb	1696.55	77270.66	37142.68	40127.98	7015.234	12119.85	0.003154	0	0.11551	0.000504	0	0.001759	0.002	0.001378	0.000548	0	0.001913	0.008	0.003938	134.0231	0	78.93358	0.000429	0	0.042457	0.000568	0	0.020778	0.001364	0	0.173285	0.02624	0.024448	0.318232	0.00199	0	0.189725	0.02624	0.024448	0.318232	0.020144	0.206812	0	1.339893	0.001325	0	0.000778
Santa Clara	2023	LHDT1	Aggregate	Aggregate	Gasoline	19180.96	711085.5	711085.5	0	285767.8	0	0.197814	0.037373	0.6588	0.001595	0	0.000328	0.002	0.0273	0.001734	0	0.000356	0.008	0.078	889.7424	120.2664	25.83956	0.009485	0.115635	0.034516	0.011082	0.003012	0.051891	0.047656	0.428153	0.172233	0.050564	0.277601	2.913784	0.069539	0.62476	0.188574	0.050564	0.277601	2.913784	0.044872	1.225109	3.753425	3.080251	0.008796	0.001189	0.000255
Santa Clara	2023	LHDT1	Aggregate	Aggregate	Diesel	9807.465	384084.8	384084.8	0	123365.6	0	1.780633	2.029274	0	0.038253	0.026974	0	0.003	0.0273	0.039983	0.028193	0	0.012	0.078	635.427	132.908	0	0.008623	0.005098	0	0.100112	0.02094	0	0.185652	0.10976	0	0	0	0	0.211352	0.124954	0	0	0	0	0	0.16551	0.518876	0.909745	0	0.006021	0.001259	0
Santa Clara	2023	LHDT2	Aggregate	Aggregate	Gasoline	2494.382	90793.04	90793.04	0	37162.58	0	0.187016	0.036817	0.642061	0.001446	0	0.00026	0.002	0.03185	0.001572	0	0.000283	0.008	0.091	997.3845	138.7974	25.72325	0.007074	0.114568	0.033461	0.01097	0.002967	0.050452	0.033047	0.42203	0.165607	0.046993	0.25097	2.676301	0.048222	0.615826	0.181319	0.046993	0.25097	2.676301	0.044967	0.961891	3.759407	3.119312	0.00986	0.001372	0.000254
Santa Clara	2023	LHDT2	Aggregate	Aggregate	Diesel	4479.532	176769.2	176769.2	0	56346.87	0	1.416942	1.998258	0	0.034177	0.027026	0	0.003	0.03185	0.035723	0.028248	0	0.012	0.091	764.5039	212.1206	0	0.007824	0.005098	0	0.120448	0.03342	0	0.168448	0.10976	0	0	0	0	0.191767	0.124954	0	0	0	0	0	0.178982	0.44054	0.909745	0	0.007244	0.00201	0
Santa Clara	2023	MCY	Aggregate	Aggregate	Gasoline	27894.5	164894.5	164894.5	0	55788.99	0	0.586927	0	0.142374	0.001778	0	0.003413	0.001	0.0042	0.001899	0	0.003626	0.004	0.012	188.3093	0	49.59811	0.167622	0	0.187482	0.040223	0	0.008379	1.105923	0	1.392636	3.5601	3.745685	3.947874	1.324135	0	1.513873	3.5601	3.745685	3.947874	0.00876	13.08956	0	8.051197	0.001862	0	0.00049
Santa Clara	2023	MDV	Aggregate	Aggregate	Gasoline	153799.1	5358084	5358084	0	712433.9	0	0.11759	0	0.470106	0.001289	0	0.002144	0.002	0.003187	0.001402	0	0.002331	0.008	0.009106	426.0995	0	109.7064	0.004406	0	0.110292	0.008479	0	0.043081	0.018826	0	0.559259	0.101975	0.285798	1.72733	0.02744	0	0.612315	0.101975	0.285798	1.72733	0.035428	1.067328	0	4.333252	0.004212	0	0.001085
Santa Clara	2023	MDV	Aggregate	Aggregate	Diesel	2374.918	86834.44	86834.44	0	11267.05	0	0.053096	0	0	0.00515	0	0	0.002	0.003181	0.005383	0	0	0.008	0.00909	413.3141	0	0	0.000529	0	0	0.013397	0	0	0.011397	0	0	0	0	0	0.012975	0	0	0	0	0	0	0.00231	0.202592	0	0	0.003916	0	0
Santa Clara	2023	MDV	Aggregate	Aggregate	Electricity	1130.115	40073.7	0	40073.7	5799.833	15471.76	0	0	0	0	0	0	0.002	0.001524	0	0	0	0.008	0.004354	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2023	MDV	Aggregate	Aggregate	Plug-in Hyb	986.0895	41899.14	20787.35	21111.79	4077.48	6376.389	0.003256	0	0.11551	0.000638	0	0.002151	0.002	0.001376	0.000693	0	0.002339	0.008	0.00393	138.3296	0	98.37574	0.000441	0	0.042261	0.000581	0	0.020595	0.001408	0	0.173285	0.02985	0.028058	0.359617	0.002054	0	0.189725	0.02985	0.028058	0.359617	0.020837	0.213457	0	1.339893	0.001368	0	0.000973
Santa Clara	2023	MH	Aggregate	Aggregate	Gasoline	2522.745	22546.87	22546.87	0	252.3754	0	0.479133	0	0.412521	0.001781	0	0.000428	0.003	0.015756	0.001937	0	0.000466	0.012	0.045017	1948.243	0	31.87585	0.018146	0	0.038028	0.02809	0	0.042647	0.082252	0	0.163779	13.03985	0.30297	4.773625	0.120022	0	0.179318	13.03985	0.30297	4.773625	0.044742	2.111943	0	3.629376	0.01926	0	0.000315
Santa Clara	2023	MH	Aggregate	Aggregate	Diesel	959.1578	9344.849	9344.849	0	95.91578	0	4.269554	0	0	0.097907	0	0	0.004	0.015675	0.102334	0	0	0.016	0.044785	1081.435	0	0	0.005704	0	0	0.17038	0	0	0.122812	0	0	0	0	0	0.139813	0	0	0	0	0	0	0.150005	0.410284	0	0	0.010247	0	0
Santa Clara	2023	MHDT	Aggregate	Aggregate	Gasoline	1418.703	70785.86	70785.86	0	28385.41	0	0.562864	0.088304	0.453053	0.001386	0	0.000555	0.003	0.015756	0.001507	0	0.000603	0.012	0.045017	1792.411	536.9661	47.19918	0.018074	0.254589	0.049387	0.026381	0.007064	0.032566	0.09086	1.010025	0.279571	0.037187	0.302385	3.037923	0.132583	1.473826	0.306095	0.037187	0.302385	3.037923	0.04497	1.909686	15.08517	6.156285	0.01772	0.005308	0.000467
Santa Clara	2023	MHDT	Aggregate	Aggregate	Diesel	10273.55	431550.4	431550.4	0	122418.2	0	1.337342	13.57242	1.624162	0.016518	0.035742	0	0.003	0.015941	0.017265	0.037358	0	0.012	0.045546	1151.562	2263.789	0	0.010721	0.012298	0	0.181429	0.356661	0	0.037048	0.26478	0	0	0	0	0.042176	0.301431	0	0	0	0	0	0.209014	0.132571	7.583386	0	0.010905	0.021437	0
Santa Clara	2023	MHDT	Aggregate	Aggregate	Electricity	4.749835	101.8022	0	101.8022	59.6458	108.685	0	0	0	0	0	0	0.003	0.00799	0	0	0	0.012	0.022828	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2023	MHDT	Aggregate	Aggregate	Natural Ga	83.841	4047.874	4047.874	0	762.81	0	0.141319	6.52743	0	0.001137	0.017647	0	0.003	0.016002	0.001236	0.019193	0	0.012	0.045721	989.385	5296.533	0	0.740055	17.59163	0	0.201693	1.079733	0	0.010574	0.25135	0	0	0	0	0.755281	17.95355	0	0	0	0	0	1.06	2.992708	33.64344	0	0	0	0
Santa Clara	2023	OBUS	Aggregate	Aggregate	Gasoline	458.8974	20830.08	20830.08	0	9181.619	0	0.553081	0.064991	0.405616	0.000893	0	0.000264	0.003	0.01568	0.000972	0	0.000287	0.012	0.044799	1784.092	381.8461	31.89445	0.015808	0.194938	0.036281	0.026177	0.005253	0.030766	0.078109	0.745234	0.192301	0.034706	0.154035	2.766253	0.113977	1.087444	0.210546	0.034706	0.154035	2.766253	0.044918	1.743956	5.768375	4.071703	0.017638	0.003775	0.000315
Santa Clara	2023	OBUS	Aggregate	Aggregate	Diesel	870.4209	61645.66	61645.66	0	8910.755	0	1.203188	7.410097	1.541404	0.020323	0.008632	0	0.003	0.018018	0.021242	0.009022	0	0.012	0.05148	1282.538	1552.949	0	0.001991	0.020568	0	0.202064	0.244668	0	0.04286	0.442828	0	0	0	0	0.048793	0.504126	0	0	0	0	0	0.215865	0.153454	7.510858	0	0.012145	0.014706	0
Santa Clara	2023	OBUS	Aggregate	Aggregate	Natural Ga	6.1456	409.5466	409.5466	0	54.69584	0	0.219315	1.549107	0	0.000923	0.00362	0	0.003	0.016148	0.001004	0.003937	0	0.012	0.046137	1017.405	1188.285	0	0.774069	4.381267	0	0.207405	0.24224	0	0.01106	0.0626	0	0	0	0	0.789994	4.471404	0	0	0	0	0	1.06	3.211954	6.724204	0	0	0	0
Santa Clara	2023	SBUS	Aggregate	Aggregate	Gasoline	166.9867	8309.308	8309.308	0	667.9468	0	0.519317	0.925703	0.7051	0.000862	0	0.000056	0.002	0.015721	0.000937	0	0.000609	0.008	0.044917	815.0909	2602.033	58.66947	0.011871	2.46208	0.074918	0.027733	0.086224	0.064904	0.057744	10.62943	0.427061	0.112221	0.259299	1.591441	0.084259	15.51043	0.467578	0.112221	0.259299	1.591441	0.045	1.469507	82.16746	10.56434	0.008058	0.025724	0.00058
Santa Clara	2023	SBUS	Aggregate	Aggregate	Diesel	667.1185	15392.68	15392.68	0	9659.876	0	4.028015	22.39863	0.467155	0.020908	0.02125	0	0.003	0.015721	0.021853	0.022211	0	0.012	0.044917	1148.524	2237.814	0	0.002748	0.008083	0	0.18095	0.352568	0	0.059161	0.174017	0	0	0	0	0.06735	0.198106	0	0	0	0	0	0.144154	0.181489	4.581854	0	0.010876	0.021191	0
Santa Clara	2023	SBUS	Aggregate	Aggregate	Electricity	0.302373	3.510494	0	3.510494	4.378365	3.69815	0	0	0	0	0	0	0.003	0.00786	0	0	0	0.012	0.022459	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2023	SBUS	Aggregate	Aggregate	Natural Ga	23.50762	595.8705	595.8705	0	340.3903	0	0.587321	5.282702	0	0.003378	0.011076	0	0.003	0.015721	0.003674	0.012046	0	0.012	0.044917	1271.127	4058.811	0	3.490611	15.40242	0	0.259128	0.827415	0	0.049874	0.22007	0	0	0	0	0.3562424	15.7193	0	0	0	0	0	1.06	11.90284	20.11199	0	0	0	0
Santa Clara	2023	UBUS	Aggregate	Aggregate	Gasoline	45.94709	4798.244	4798.244	0	183.7884	0	0.026807	0	0.443444	0.001143	0	0.000128	0.002	0.03185	0.001243	0	0.00014	0.008	0.091	926.2924	0	36.84613	0.002031	0	0.041715	0.004215	0	0.070149	0.005614	0	0.147842	0.038144	0.09212	0.456803	0.008192	0	0.161868	0.038144	0.09212	0.456803	0.045	0.571128	0	6.073786	0.009157	0	0.000364
Santa Clara	2023	UBUS	Aggregate	Aggregate	Diesel	436.6681	48829.71	48829.71	0	1746.672	0	0.386256	0	0	0.007022	0	0	0.0083	0.0385	0.00734	0	0	0.0332	0.11	1100.965	0	0	0.003215	0	0	0.173457	0	0	0.069208	0	0	0	0	0	0.078788	0	0	0	0	0	0	0.18785	0.079368	0	0	0.010432	0	0
Santa Clara	2023	UBUS	Aggregate	Aggregate	Electricity	5.046757	199.0027	0	199.0027	20.18703	346.9103	0	0	0	0	0	0	0.009	0.01925	0	0	0	0.036	0.055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2023	UBUS	Aggregate	Aggregate	Natural Ga	42.26114	4829.673	4829.673	0	169.0446	0	0.05878	0	0	0.000282	0	0	0.008182	0.0385	0.000295	0	0	0.032727	0.11	1299.127	0	0	4.245742	0	0	0.264835	0	0	0.060663	0	0	0	0	0	4.333091	0	0	0	0	0	0	0.97	49.04231	0	0	0	0	0

Source: EMFAC2021 (v1.0.1) Emission Rates
Region Type: County
Region: Santa Clara
Calendar Year: 2024
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Energy Con	NOx_RUNEX	NOx_IDLEX	NOx_STREX	PM2.5_RU	PM2.5_IDL	PM2.5_STR	PM2.5_PM	PM2.5_PM	PM10_RUN	PM10_IDLE	PM10_STR	PM10_PM	PM10_PM	CO2_RUNEX	CO2_IDLEX	CO2_STREX	CH4_RUNEX	CH4_IDLEX	CH4_STREX	N2O_RUNEX	N2O_IDLEX	N2O_STREX	ROG_RUNEX	ROG_IDLEX	ROG_STREX	ROG_HOTSO	ROG_RUNL	ROG_DIUR	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_HOTSO	TOG_RUNL	TOG_DIUR	NH3_RUNEX	CO_RUNEX	CO_IDLEX	CO_STREX	SOx_RUNE	SOx_IDLEX	SOx_STREX
Santa Clara	2024	HHDT	Aggregate	Aggregate	Gasoline	2.588708	115.1526	115.1526	0	51.79487	0	7.013725	0	1.695629	0.003612	0	0.001433	0.005	0.03384	0.003929	0	0.001559	0.02	0.096686	2166.164	0	50.04419	0.246012	0	0.000205	0.192927	0	0.049797	1.47824	0	0.001115	0.149022	1.34233	10.02547	2.157045	0	0.001221	0.149022	1.34233	10.02547	0.04274	52.51903	0	1.60109	0.021415	0	0.000495
Santa Clara	2024	HHDT	Aggregate	Aggregate	Diesel	8486.693	1001095	1001095	0	124748.4	0	1.894567	62.88367	2.898867	0.025674	0.03017	0	0.00877	0.027454	0.026835	0.031534	0	0.035082	0.07844	1634.1	11997.01	0	0.000777	0.23663	0	0.257453	1.890134	0	0.016732	5.094584	0	0	0	0	0.019048	5.799796	0	0	0	0	0	0.215084	0.082524	74.10576	0	0.015474	0.113605	0	0
Santa Clara	2024	HHDT	Aggregate	Aggregate	Electricity	28.33039	2794.261	0	2794.261	378.7946	5152.341	0	0	0	0	0	0	0.008585	0.014055	0	0	0	0.034341	0.040158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	HHDT	Aggregate	Aggregate	Natural Ga	794.401	54591.27	54591.27	0	7249.717	0	1.128254	13.55515	0	0.001724	0.024776	0	0.009	0.047521	0.001875	0.026946	0	0.036	0.135775	1387.534	10583.64	0	2.344742	36.30276	0	0.282858	2.157544	0	0.050833	0.550696	0	0	0	0	2.412728	37.08609	0	0	0	0	0	0.85184	13.40196	74.43135	0	0	0	0	0
Santa Clara	2024	LDA	Aggregate	Aggregate	Gasoline	600108.2	22290344	22290344	0	2786617	0	0.042281	0	0.025793	0.001177	0	0.001931	0.002	0.002656	0.00128	0	0.0021	0.008	0.007587	277.9403	0	70.44944	0.002338	0	0.072036	0.004672	0	0.033228	0.008937	0	0.328953	0.090491	0.230394	1.422636	0.013041	0	0.360162	0.090491	0.230394	1.422636	0.034712	0.737516	0	0.323068	0.002748	0	0.000686
Santa Clara	2024	LDA	Aggregate	Aggregate	Diesel	1750.024	51573.48	51573.48	0	7442.61	0	0.213181	0	0	0.016747	0	0	0.002	0.002706	0.017504	0	0	0.008	0.00773	232.7849	0	0	0.001289	0	0	0.036675	0	0	0.027749	0	0	0	0	0	0.03159	0	0	0	0	0	0.0031	0.331109	0	0	0.002206	0	0
Santa Clara	2024	LDA	Aggregate	Aggregate	Electricity	57627.4	2472767	0	2472767	282733	954692.3	0	0	0	0	0	0	0.002	0.001533	0	0	0	0.008	0.00438	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	LDA	Aggregate	Aggregate	Plug-in Hyb	17457.1	767059.2	381568.7	385490.5	72185.1	116429.6	0.003264	0	0.11551	0.000618	0	0.00207	0.002	0.001377	0.000672	0	0.002252	0.008	0.003935	138.6993	0	65.78653	0.000444	0	0.04244	0.000587	0	0.020762	0.001412	0	0.173285	0.041111	0.037292	0.447104	0.019502	0.214038	0	0.189725	0.041111	0.037292	0.447104	0.019502	0.214038	0	1.339893	0.001371	0	0.00065
Santa Clara	2024	LDT1	Aggregate	Aggregate	Gasoline	52693.37	1706864	1706864	0	234793.4	0	0.128357	0	0.381294	0.001737	0	0.002678	0.002	0.00324	0.001889	0	0.002913	0.008	0.009258	128.9675	0	86.69483	0.006261	0	0.105365	0.009424	0	0.03869	0.027741	0	0.539321	0.165332	0.472477	2.667158	0.040475	0	0.590488	0.165332	0.472477	2.667158	0.036079	1.427621	0	5.253053	0.003252	0	0.000857
Santa Clara	2024	LDT1	Aggregate	Aggregate	Diesel	23.46233	343.9308	343.9308	0	66.44459	0	1.651932	0	0	0.239373	0	0	0.002	0.003724	0.250196	0	0	0.008	0.01064	415.4307	0	0	0.013862	0	0	0.065451	0	0	0.298448	0	0	0	0	0	0.339763	0	0	0	0	0	0.0031	1.593665	0	0	0.003936	0	0
Santa Clara	2024	LDT1	Aggregate	Aggregate	Electricity	211.0028	8008.646	0	8008.646	994.4346	3091.998	0	0	0	0	0	0	0.002	0.001539	0	0	0	0.008	0.004397	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	LDT1	Aggregate	Aggregate	Plug-in Hyb	67.64578	3164.46	1414.302	1750.158	279.7153	528.6	0.002933	0	0.11551	0.000367	0	0.001381	0.002	0.001389	0.0004	0	0.001502	0.008	0.003967	124.6157	0	71.36186	0.000397	0	0.042219	0.000522	0	0.020556	0.001268	0	0.173285	0.024153	0.020965	0.279628	0.001851	0	0.189725	0.024153	0.020965	0.279628	0.018771	0.192305	0	1.339893	0.001232	0	0.000705
Santa Clara	2024	LDT2	Aggregate	Aggregate	Gasoline	285585.4	10322758	10322758	0	1336438	0	0.069091	0	0.334237	0.001227	0	0.001959	0.002	0.003127	0.001334	0	0.00213	0.008	0.008936	344.6046	0	88.12796	0.002864	0	0.082985	0.005943	0	0.037254	0.011242	0	0.384216	0.081741	0.217688	1.368189	0.016404	0	0.420668	0.081741	0.217688	1.368189	0.036359	0.842122	0	3.673764	0.003407	0	0.000871
Santa Clara	2024	LDT2	Aggregate	Aggregate	Diesel	1015.453	37944.26	37944.26	0	4835.434	0	0.041515	0	0	0.004813	0	0	0.002	0.003113	0.005031	0	0	0.008	0.008895	311.1925	0	0	0.000609	0	0	0.049029	0	0	0.013105	0	0	0	0	0	0.014919	0	0	0	0	0	0.0031	0.129976	0	0	0.002949	0	0
Santa Clara	2024	LDT2	Aggregate	Aggregate	Electricity	1597.567	55532.59	0	55532.59	8150.927	21440.16	0	0	0	0	0	0	0.002	0.001526	0	0	0	0.008	0.004359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	LDT2	Aggregate	Aggregate	Plug-in Hyb	2116.58	94757.71	44376.61	50381.09	8752.056	15216.59	0.003073	0	0.11551	0.000467	0	0.001672	0.002	0.001383	0.000508	0	0.001819	0.008	0.003953	130.578	0	78.06	0.000416	0	0.042233	0.000547	0	0.020569	0.001329	0	0.173285	0.025949	0.023686	0.309385	0.001939	0	0.189725	0.025949	0.023686	0.309385	0.019635	0.201506	0	1.339893	0.001291	0	0.000772
Santa Clara	2024	LHDT1	Aggregate	Aggregate	Gasoline	19314.14	722529.3	722529.3	0	287751.9	0	0.17374	0.036221	0.636996	0.001534	0	0.000302	0.002	0.0273	0.001668	0	0.000328	0.008	0.078	871.4559	119.0993	25.78022	0.008358	0.112945	0.032997	0.009778	0.002977	0.050968	0.041718	0.415023	0.163611	0.047402	0.263136	2.768514	0.060875	0.605601	0.179134	0.047402	0.263136	2.768514	0.044898	1.142278	3.756209	3.123927	0.008615	0.001177	0.000255
Santa Clara	2024	LHDT1	Aggregate	Aggregate	Diesel	10107.74	398004.1	398004.1	0	127142.6	0	1.563015	1.92168	0	0.035058	0.026804	0	0.003	0.0273	0.036643	0.028016	0	0.012	0.078	631.4008	131.1503	0	0.008006	0.005098	0	0.099477	0.020663	0	0.172364	0.10976	0	0	0	0	0.196225	0.124954	0	0	0	0	0	0.172781	0.473594	0.909745	0	0.005983	0.001243	0	0
Santa Clara	2024	LHDT1	Aggregate	Aggregate	Electricity	70.82836	5110.544	0	5110.544	989.4273	3345.376	0	0	0	0	0	0	0.002	0.01365	0	0	0	0.008	0.039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	LHDT2	Aggregate	Aggregate	Gasoline	2506.906	91452.57	91452.57	0	37349.16	0	0.16518	0.035604	0.621534	0.00139	0	0.000239	0.002	0.03185	0.001512	0	0.000259	0.008	0.091	980.0361	137.5922	25.51292	0.006183	0.111453	0.031983	0.009819	0.00291	0.049384	0.028613	0.40822	0.157242	0.04419	0.238167	2.558385	0.041752	0.595674	0.17216	0.04419	0.238167	2.558385	0.044971	0.899209	3.762546	3.129931	0.009689	0.00136	0.000252
Santa Clara	2024	LHDT2	Aggregate	Aggregate	Diesel	4663.455	183558.4	183558.4	0	58660.4	0	1.266102	1.895403	0	0.032055	0.027	0	0.003	0.03185	0.033504	0.028221	0	0.012	0.091	756.8682	209.5618	0	0.007406	0.005098	0	0.119245	0.033017	0	0.159439	0.10976	0	0	0	0	0.18151	0.124954	0	0	0	0	0	0.184132	0.411861	0.909745	0	0.007172	0.001986	0	0
Santa Clara	2024	LHDT2	Aggregate	Aggregate	Electricity	18.33259	1253.286	0	1253.286	242.668	808.0022	0	0	0	0	0	0	0.002	0.015925	0	0	0	0.008	0.0455	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	MCY	Aggregate	Aggregate	Gasoline	28171.51	1660222.3	1660222.3	0	56343.02	0	0.571344	0	0.135477	0.001779	0	0.003248	0.001	0.0042	0.001902	0	0.003456	0.004	0.012	187.743	0	48.37697	0.162609	0	0.181972	0.039558	0	0.00802	1.062175	0	1.345317	3.559276	3.75283	3.900294	1.276951	0	1.462608	3.559276	3.75283	3.900294	0.088808	12.6697	0	8.002987	0.001856	0	0.000478
Santa Clara	2024	MDV	Aggregate	Aggregate	Gasoline	156642.4	5468054	5468054	0	726101.1	0	0.101279	0	0.42828	0.001229	0	0.002042	0.002	0.003184	0.001336	0	0.002221	0.008	0.009096	418.13	0	107.2801	0.003873	0	0.10186	0.007628	0	0.040967	0.01626	0	0.508806	0.097051	0.275722	1.677059	0.023715	0	0.557077	0.097051	0.275722	1.677059	0.036179	0.972241	0	4.022964	0.004134	0	0.001061
Santa Clara	2024	MDV	Aggregate	Aggregate	Diesel	2400.615	86292.69	86292.69	0	11318.82	0	0.048844	0	0	0.004909	0	0	0.002	0.003206	0.005131	0	0	0.008	0.009159	409.13	0	0	0.00051	0	0	0.064459	0	0	0.010978	0	0	0	0	0	0.012498	0	0	0	0	0	0.0031	0.201538	0	0	0.003877	0	0
Santa Clara	2024	MDV	Aggregate	Aggregate	Electricity	1678.684	58660.63	0	58660.63	8578.496	22647.84	0	0	0	0	0	0	0.002	0.001525	0	0	0	0.008	0.004358	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	MDV	Aggregate	Aggregate	Plug-in Hyb	1250.857	52904.03	25301.52	27602.51	5172.294	8336.781	0.003138	0	0.11551	0.000561	0	0.001962	0.002	0.001382	0.00061	0	0.002134	0.008	0.003948	133.3485	0	96.65661	0.000423	0	0.042047	0.000554	0	0.020395	0.001357	0	0.173285	0.030318	0.026684	0.341695	0.00198	0	0.189725	0.030318	0.026684	0.341695	0.020087	0.205781	0	1.339893	0.001318	0	0.000956
Santa Clara	2024	MH	Aggregate	Aggregate	Gasoline	2420.57	22012.3	22012.3	0	242.1538	0	0.420938	0	0.419963	0.001679	0	0.000404	0.003	0.015756	0.001826	0	0.000439	0.012	0.045017	1947.501	0	31.65056	0.015478	0	0.037539	0.025731	0	0.04407	0.06827	0	0.159123	12.21143	0.286769	4.596479	0.09962	0	0.174219	12.21143	0.286769	4.596479	0.044846	1.682224	0	3.497247	0.019253	0	0.000313
Santa Clara	2024	MH	Aggregate	Aggregate	Diesel	977.3606	9498.302	9498.302	0	97.73606	0	4.117169	0	0	0.091772	0	0	0.004	0.015675	0.095921	0	0	0.016	0.044785	1081.931	0	0	0.005558	0	0	0.170459	0	0	0.11965	0	0	0	0	0	0.136214	0	0	0	0	0	0.155539	0.397281	0	0	0.010252	0	0
Santa Clara	2024	MHDT	Aggregate	Aggregate	Gasoline	1414.552	71600.35	71600.35	0	28302.35	0	0.470752	0.088485	0.440963	0.001362	0	0.000533	0.003	0.015756	0.001482	0	0.000579	0.012	0.045017	1768.687	531.8002	46.25227	0.015051	0.25808	0.047572	0.022913	0.00727	0.03271	0.074951	1.01271	0.265405	0.033945	0.276365	2.798712	0.103968	1.477744	0.290585	0.033945	0.276365	2.798712	0.04498	1.56073	15.11634	5.825814	0.017485	0.005257	0.000457
Santa Clara	2024	MHDT	Aggregate	Aggregate	Diesel	1039.53	4340443.6	4340443.6	0	123939	0	1.232824	13.14099	1.642732	0.014397	0.029902	0	0.003	0.015941	0.015048	0.031254	0	0.012	0.045546	1147.309	2248.547	0	0.001507	0.01158	0	0.180759	0.35426	0	0.032455	0.249319	0	0	0	0	0.036947	0.283831	0	0	0	0	0	0.210532	0.120871	7.556027	0	0.010864	0.021292	0	0
Santa Clara	2024	MHDT	Aggregate	Aggregate	Electricity	30.91601	1660.353	0	1660.353	407.4536	1841.064	0	0	0	0	0	0	0.003	0.007956	0	0	0	0.012	0.022732	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	MHDT	Aggregate	Aggregate	Natural Ga	90.59449	4303.581	4303.581	0	827.6228	0	0.133415	6.499719	0	0.001179	0.018131	0	0.003	0.016007	0.001282	0.019719	0	0.012	0.045734	984.6917	5301.101	0	0.74573	17.31409	0	0.200736	1.080664	0	0.010655	0.247384	0	0	0	0	0.761072	17.6703	0	0	0	0	0	1.06	2.995842	34.7393	0	0	0	0	0
Santa Clara	2024	OBUS	Aggregate	Aggregate	Gasoline	443.1467	19894.31	19894.31	0	8866.48	0	0.49672	0.06506	0.408547	0.000907	0	0.000252	0.003	0.01568	0.000987	0	0.000274	0.012	0.044799	1764.001	379.4143	31.61308	0.013757	0.195733	0.03606	0.024018	0.005304	0.031028	0.067076	0.746281	0.190964	0.033873	0.154922	2.818385	0.097877	1.088971	0.209081	0.033873	0.154922	2.818385	0.044969	1.491576	5.774637	4.000641	0.017439	0.003751	0.000313
Santa Clara	2024	OBUS	Aggregate	Aggregate	Diesel	893.1376	61949.05	61949.05	0	9141.625	0	1.178643	7.363387	1.543157	0.019849	0.008167	0	0.003	0.018015	0.020746	0.008536	0	0.012	0.051472	1273.38	1538.564	0	0.001935	0.020479	0	0.200622	0.242401	0	0.04166	0.440905	0	0	0	0	0.047427	0.501937	0	0	0	0	0	0.216021	0.150181	7.500483	0	0.012058	0.014569	0	0
Santa Clara	2024	OBUS	Aggregate	Aggregate	Electricity	1.087483	92.50105	0	92.50105	21.75833	102.477	0	0	0	0	0	0	0.003	0.00784	0	0	0	0.012	0.022399	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	OBUS	Aggregate	Aggregate	Natural Ga	7.05737	469.3876	469.3876	0	62.81059	0	0.190585	1.537414	0	0.00106	0.003899	0	0.003	0.016148	0.001153	0.004241	0	0.012	0.046137	1004.237	1191.581	0	0.789796	4.236895	0	0.20472	0.242912	0	0.011285	0.060537	0	0	0	0	0.806045	4.324062	0	0	0	0	0	1.06	3.254325	7.353064	0	0	0	0	0
Santa Clara	2024	SBUS	Aggregate	Aggregate	Gasoline	172.6948	8584.866	8584.866	0	690.7791	0	0.50288	0.925939	0.716801	0.000864	0	0.000567	0.002	0.015721	0.000939	0	0.000616	0.008	0.044917	810.6064	2589.131	58.1367	0.011135	2.464862	0.074893	0.027101	0.086311	0.065929	0.054059	10.63288	0.426367	0.113914	0.274691	1.686167	0.078883	15.51547	0.466819	0.113914	0.274691	1.686167	0.045	1.38705	82.18841	10.36621	0.008014	0.025596	0.000575
Santa Clara	2024	SBUS	Aggregate	Aggregate	Diesel	670.5958	15345.26	15345.26	0	9710.228	0	3.821388	21.90481	0.482851	0.019766	0.019703	0	0.003	0.015721	0.02066	0.020594	0	0.012	0.044917	1144.18	2229	0	0.002665	0.008001	0	0.180266	0.35118	0	0.057376	0.172257	0	0	0	0	0.065318	0.196101	0	0	0	0	0	0.148025	0.1775	4.677792	0	0.010835	0.021107	0	0
Santa Clara	2024	SBUS	Aggregate	Aggregate	Electricity	2.064666	64.35501	0	64.35501	23.64639	67.79515	0	0	0	0	0	0	0.002	0.002539	0.00786	0	0	0	0.010157	0.022459	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	SBUS	Aggregate	Aggregate	Natural Ga	24.3995	612.0941	612.0941	0	353.3048	0	0.567729	5.270895	0	0.003378	0.011357	0	0.003	0.015721	0.003674	0.012352	0	0.012	0.044917	1261.305	4066.736	0	3.436672	15.25665	0	0.257125	0.829031	0	0.049103	0.217987	0	0	0	0	3.507376	15.57053	0	0	0	0	0	1.06	11.64901	20.74693	0	0	0	0	0
Santa Clara	2024	UBUS	Aggregate	Aggregate	Gasoline	46.08313	4812.451	4812.451	0	184.3325	0	0.027483	0	0.457232	0.001143	0	0.000128	0.002	0.03185	0.001243	0	0.00014	0.008	0.091	926.0836	0	36.94783	0.002034	0	0.043067	0.004288	0	0.071717	0.005634	0	0.152979	0.038099	0.092116	0.456438	0.008221	0	0.167492	0.038099	0.092116	0.456438	0.045	0.581148	0	6.130495	0.009155	0	0.000365
Santa Clara	2024	UBUS	Aggregate	Aggregate	Diesel	437.4745	48917.61	48917.61	0	1749.898	0	0.386257	0	0	0.007023	0	0	0.003	0.0083	0.0385	0.00734	0	0	0.0332	0.11	1101.14	0	0.003215	0	0	0.173485	0	0	0.069208	0	0	0	0	0	0.078788	0	0	0	0	0	0.187908	0.079368	0	0	0.010434	0	0
Santa Clara	2024	UBUS	Aggregate	Aggregate	Electricity	5.347565	235.0626	0	235.0626	21.39026	409.7714	0	0	0	0	0	0	0.003	0.00888	0.01925	0	0	0	0.03552	0.055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2024	UBUS	Aggregate	Aggregate	Natural Ga	42.58696	4865.187	4865.187	0	170.3478	0	0.058788	0	0	0.000282	0	0	0.003	0.008183	0.0385	0.000295	0	0	0.032731	0.11	1299.206	0	0	4.246059	0	0	0.264852	0	0	0.060668	0	0	0	0	0	4.333415	0	0	0	0	0	0.97	49.04786	0	0	0	0	0

Source: EMFAC2021 (v1.0.1) Emission Rates
Region Type: County
Region: Santa Clara
Calendar Year: 2026
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Energy Con	NOx_RUNEX	NOx_IDLEX	NOx_STREX	PM2.5_RU	PM2.5_IDL	PM2.5_STR	PM2.5_PM	PM2.5_PM	PM10_RUN	PM10_IDLE	PM10_STR	PM10_PM	PM10_PM	CO2_RUNEX	CO2_IDLEX	CO2_STREX	CH4_RUNEX	CH4_IDLEX	CH4_STREX	N2O_RUNEX	N2O_IDLEX	N2O_STREX	ROG_RUNEX	ROG_IDLEX	ROG_STREX	ROG_HOTSO	ROG_RUNL	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_HOTSO	TOG_RUNL	TOG_DIUR	NH3_RUNEX	CO_RUNEX	CO_IDLEX	CO_STREX	SOx_RUNE	SOx_IDLEX	SOx_STREX
Santa Clara	2026	HHDT	Aggregate	Aggregate	Gasoline	1.890208	133.7551	133.7551	0	37.81927	0	3.912832	0	0.833967	0.00242	0	0.001119	0.005	0.0327	0.002632	0	0.001218	0.02	0.093428	2030.337	0	50.00574	0.151681	0	0.000277	0.138602	0	0.029726	0.841165	0	0.001504	0.124256	1.119044	7.839877	1.227426	0	0.001647	0.124256	1.119044	7.839877	0.044272	33.21272	0	2.727013	0.020072	0	0.000494
Santa Clara	2026	HHDT	Aggregate	Aggregate	Diesel	8867.795	1016012	1016012	0	130549	0	1.761105	62.0312	2.955473	0.025195	0.027767	0	0.008774	0.027513	0.026334	0.029023	0	0.035095	0.07861	1583.151	11526.41	0	0.000725	0.23528	0	0.249426	1.815991	0	0.015602	5.065515	0	0	0	0	0.017762	5.766703	0	0	0	0	0.215914	0.07407	73.94194	0	0.014991	0.109148	0
Santa Clara	2026	HHDT	Aggregate	Aggregate	Electricity	110.5302	11535.57	0	11535.57	1443.078	21268.51	0	0	0	0	0	0	0.008558	0.014729	0	0	0	0.034232	0.042083	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	HHDT	Aggregate	Aggregate	Natural Ga	863.4608	56635.39	56635.39	0	7769.707	0	0.976371	12.77067	0	0.001645	0.025604	0	0.0099	0.049192	0.001789	0.027847	0	0.036	0.140547	1365.074	10446.87	0	2.127999	33.90059	0	0.278279	2.129663	0	0.043949	0.508241	0	0	0	0	0.835034	12.62839	75.02016	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	LDA	Aggregate	Aggregate	Gasoline	598869.8	22031466	22031466	0	2780456	0	0.034968	0	0.23463	0.001102	0	0.001828	0.002	0.002655	0.001199	0	0.001988	0.008	0.007585	268.3766	0	67.64288	0.001934	0	0.063951	0.004196	0	0.031426	0.007138	0	0.285908	0.083161	0.217573	1.338275	0.019415	0	0.313033	0.083161	0.217573	1.338275	0.036474	0.653928	0	2.884139	0.002653	0	0.000669
Santa Clara	2026	LDA	Aggregate	Aggregate	Diesel	1478.944	42434.32	42434.32	0	6277.405	0	0.163286	0	0	0.013397	0	0	0.002	0.002717	0.014003	0	0	0.008	0.007761	228.026	0	0	0.001079	0	0	0.035926	0	0	0.023239	0	0	0.026457	0	0	0	0	0	0	0	0	0	0.0031	0.307439	0	0	0.002161	0	0
Santa Clara	2026	LDA	Aggregate	Aggregate	Electricity	64495.24	2739705	0	2739705	312996.4	1057752	0	0	0	0	0	0	0.002	0.001535	0	0	0	0.008	0.004385	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	LDA	Aggregate	Aggregate	Plug-in Hyb	20380.43	866414.1	412496.8	453917.3	84273.1	137096.6	0.003124	0	0.11551	0.000542	0	0.001902	0.002	0.001386	0.000589	0	0.002068	0.008	0.00396	132.7519	0	64.33622	0.000421	0	0.042044	0.000552	0	0.020392	0.001351	0	0.173285	0.040391	0.037456	0.436203	0.019017	0.204877	0	0.133893	0.001312	0	0.000636
Santa Clara	2026	LDT1	Aggregate	Aggregate	Gasoline	50750.47	1625960	1625960	0	225981.5	0	0.104002	0	0.340042	0.001548	0	0.002421	0.002	0.003241	0.001684	0	0.002633	0.008	0.009261	319.1884	0	83.2086	0.005058	0	0.092241	0.008041	0	0.036412	0.022051	0	0.461638	0.148727	0.41724	2.377298	0.032177	0	0.505436	0.148727	0.41724	2.377298	0.036833	1.219346	0	4.549174	0.003156	0	0.000823
Santa Clara	2026	LDT1	Aggregate	Aggregate	Diesel	18.47771	256.5587	256.5587	0	50.46	0	1.626008	0	0	0.235786	0	0	0.002	0.003714	0.246448	0	0	0.008	0.010612	414.3219	0	0	0.013655	0	0	0.065277	0	0	0.293995	0	0	0	0	0	0.334693	0	0	0	0	0	0.0031	1.580267	0	0	0.003926	0	0
Santa Clara	2026	LDT1	Aggregate	Aggregate	Electricity	263.5822	10628.88	0	10628.88	1254.204	4103.625	0	0	0	0	0	0	0.002	0.001536	0	0	0	0.008	0.004388	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	LDT1	Aggregate	Aggregate	Plug-in Hyb	130.6819	5898.082	2516.052	3382.03	540.3696	1021.474	0.002799	0	0.11551	0.000332	0	0.001311	0.002	0.001397	0.000362	0	0.001426	0.008	0.003992	118.9473	0	69.43161	0.000375	0	0.041793	0.000489	0	0.020158	0.00121	0	0.173285	0.023415	0.020044	0.275174	0.001766	0	0.189725	0.023415	0.020044	0.275174	0.017917	0.183572	0	1.339893	0.001176	0	0.000686
Santa Clara	2026	LDT2	Aggregate	Aggregate	Gasoline	296178.9	10561285	10561285	0	1383934	0	0.057197	0	0.297788	0.00115	0	0.001868	0.002	0.003134	0.00125	0	0.002032	0.008	0.008953	332.1248	0	84.47809	0.002453	0	0.074444	0.005294	0	0.035027	0.009395	0	0.338458	0.076755	0.212879	1.330363	0.013709	0	0.370569	0.076755	0.212879	1.330363	0.037798	0.757265	0	3.299571	0.003283	0	0.000835
Santa Clara	2026	LDT2	Aggregate	Aggregate	Diesel	1079.589	39200.14	39200.14	0	5104.36	0	0.037108	0	0	0.004598	0	0	0.002	0.00313	0.004806	0	0	0.008	0.008943	302.0718	0	0	0.000595	0	0	0.047592	0	0	0.012807	0	0	0.014558	0	0	0	0	0	0	0	0	0	0.0031	0.12935	0	0	0.002862	0	0
Santa Clara	2026	LDT2	Aggregate	Aggregate	Electricity	2705.079	90693.22	0	90693.22	13682.37	35015.07	0	0	0	0	0	0	0.002	0.001528	0	0	0	0.008	0.004365	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	LDT2	Aggregate	Aggregate	Plug-in Hyb	2986.353	127896.3	57308.29	70587.98	12348.57	21319.68	0.00294	0	0.11551	0.000411	0	0.00154	0.002	0.001392	0.000447	0	0.001675	0.008	0.003978	124.9411	0	76.35739	0.000394	0	0.041776	0.000513	0	0.020142	0.001271	0	0.173285	0.025698	0.023308	0.30414	0.001855	0	0.189725	0.025698	0.023308	0.30414	0.018799	0.192822	0	1.339893	0.001235	0	0.000755
Santa Clara	2026	LHDT1	Aggregate	Aggregate	Gasoline	19567.35	734252.9	734252.9	0	291524.3	0	0.134825	0.034078	0.592259	0.00144	0	0.000258	0.002	0.0273	0.001567	0	0.00028	0.008	0.078	841.5517	116.9335	25.61185	0.00645	0.107779	0.030306	0.00767	0.002904	0.048837	0.03157	0.390607	0.14863	0.042429	0.244239	2.568634	0.046067	0.569973	0.162731	0.042429	0.244239	2.568634	0.044952	1.000325	3.761042	3.194844	0.00832	0.001156	0.000253
Santa Clara	2026	LHDT1	Aggregate	Aggregate	Diesel	10635.31	416619.3	416619.3	0	133778.8	0	1.219281	1.732484	0	0.030022	0.026603	0	0.003	0.0273	0.031379	0.027806	0	0.012	0.078	625.228	128.0664	0	0.006994	0.005098	0	0.098505	0.020177	0	0.150578	0.10976	0	0	0	0	0.171423	0.124954	0	0	0	0	0.184377	0.40172	0.909745	0	0.005924	0.001213	0
Santa Clara	2026	LHDT1	Aggregate	Aggregate	Electricity	378.0593	23974.57	0	23974.57	5290.738	15701.21	0	0	0	0	0	0	0.002	0.01365	0	0	0	0.008	0.039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	LHDT2	Aggregate	Aggregate	Gasoline	2513.651	91174.03	91174.03	0	37449.66	0	0.127191	0.033359	0.581518	0.001301	0	0.0002	0.002	0.03185	0.001415	0	0.000218	0.008	0.091	950.6797	135.3583	25.11699	0.00457	0.105616	0.029314	0.007823	0.002803	0.047205	0.020413	0.382638	0.142338	0.039798	0.221425	2.401547	0.029786	0.558345	0.155842	0.039798	0.221425	2.401547	0.04499	0.781956	3.768092	3.147796	0.009398	0.001338	0.000248
Santa Clara	2026	LHDT2	Aggregate	Aggregate	Diesel	4995.258	193100.7	193100.7	0	62834.06	0	1.030069	1.717944	0	0.028773	0.027014	0	0.003	0.03185	0.030074	0.028235	0	0.012	0.091	744.6842	205.1133	0	0.00672	0.005098	0	0.117325	0.032316	0	0.146681	0.10976	0	0	0	0	0.16471	0.124954	0	0	0	0	0.19232	0.367309	0.909745	0	0.007056	0.001944	0
Santa Clara	2026	LHDT2	Aggregate	Aggregate	Electricity	96.38373	5822.064	0	5822.064	1278.565	3755.595	0	0	0	0	0	0	0.002	0.015925	0	0	0	0.008	0.0455	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	MCY	Aggregate	Aggregate	Gasoline	28797.04	167092.5	167092.5	0	57594.08	0	0.54585	0	0.123182	0.001818	0	0.003256	0.001	0.0042	0.001945	0	0.00347	0.004	0.012	186.8446	0	46.30646	0.154451	0	0.172746	0.038475	0	0.007381	0.991178	0	1.267526	3.558543	3.769688	3.854231	1.200425	0	1.378329	3.558543	3.769688	3.854231	0.008889	11.99329	0	7.931677	0.001847	0	0.000458
Santa Clara	2026	MDV	Aggregate	Aggregate	Gasoline	162557.9	5631323	5631323	0	753924.4	0	0.077249	0	0.361249	0.00113	0	0.001888	0.002	0.003182	0.001228	0	0.002053	0.008	0.00909	402.7076	0	102.7358	0.003084	0	0.087398	0.006351	0	0.037495	0.012544	0	0.424623	0.087977	0.255029	1.559913	0.018304	0	0.464909	0.087977	0.255029	1.559913	0.037518	0.838043	0	3.531694	0.003981	0	0.001016
Santa Clara	2026	MDV	Aggregate	Aggregate	Diesel	2430.299	84111.54	84111.54	0	11337.22	0	0.040802	0	0	0.004381	0	0	0.002	0.003241	0.004579	0	0	0.008	0.009261	399.673	0	0	0.000469	0	0	0.062969	0	0	0.010103	0	0	0	0	0	0.011502	0	0	0	0	0	0.0031	0.197458	0	0	0.003787	0	0
Santa Clara	2026	MDV	Aggregate	Aggregate	Electricity	2850.956	95858.35	0	95858.35	14435.41	37009.23	0	0	0	0	0	0	0.002	0.001528	0	0	0	0.008	0.004365	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	MDV	Aggregate	Aggregate	Plug-in Hyb	1813.351	74577.72	33714.26	40863.46	7498.208	12341.98	0.002966	0	0.11551	0.000463	0	0.001713	0.002	0.001392	0.000504	0	0.001863	0.008	0.003977	126.0521	0	93.79299	0.000396	0	0.041612	0.000513	0	0.019989	0.001283	0	0.173285	0.029908	0.026996	0.337381	0.001872	0	0.189725	0.029908	0.026996	0.337381	0.018987	0.194537	0	1.339893	0.001246	0	0.000927
Santa Clara	2026	MH	Aggregate	Aggregate	Gasoline	2263.186	21108.38	21108.38	0	226.4092	0	0.335195	0	0.432131	0.001549	0	0.000374	0.003	0.015756	0.001685	0	0.000406	0.012	0.045017	1946.632	0	31.26805	0.012049	0	0.036404	0.022132	0	0.046519	0.050974	0	0.149854	10.64717	0.254614	4.131655	0.074381	0	0.164071	10.64717	0.254614	4.131655	0.044921	1.181993	0	3.275797	0.019244	0	0.000309
Santa Clara	2026	MH	Aggregate	Aggregate	Diesel	1010.774	9718.417	9718.417	0	101.0774	0	3.846579	0	0	0.08072	0	0	0.004	0.015675	0.084369	0	0	0.016	0.044785	1082.849	0	0	0.005293	0	0	0.170603	0	0	0.11395	0	0	0	0	0	0.129725	0	0	0	0	0	0.16529	0.373655	0	0	0.010261	0	0
Santa Clara	2026	MHDT	Aggregate	Aggregate	Gasoline	1410.726	72468.64	72468.64	0	28225.8	0	0.333028	0.083566	0.407845	0.001339	0	0.000499	0.003	0.015756	0.001457	0	0.000542	0.012	0.045017	1727.179	521.8124	44.55752	0.010627	0.263675	0.044579	0.017598	0.007127	0.032029	0.051634	1.01721	0.242322	0.028744	0.236552	2.400687	0.075345	1.48431	0.265312	0.028744	0.236552	2.400687	0.044997	1.050142	15.1686	5.262786	0.017075	0.005159	0.00044
Santa Clara	2026	MHDT	Aggregate	Aggregate	Diesel	10675.11	435455.4	435455.4	0	127504.2	0	1.02886	12.38939	1.644141	0.010796	0.020382	0	0.003	0.015941	0.011284	0.021304	0	0.012	0.045545	1134.952	2210.329	0	0.001134	0.010419	0	0.178812	0.348238	0	0.024422	0.224312	0	0	0	0	0.027803	0.255363	0	0	0	0	0.213113	0.099563	7.520816	0	0.010747	0.02093	0
Santa Clara	2026	MHDT	Aggregate	Aggregate	Electricity	167.5841	8816.663	0	8816.663	2173.174	9651.078	0	0	0	0	0	0	0.003	0.007951	0	0	0	0.012	0.022716	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	MHDT	Aggregate	Aggregate	Natural Ga	107.6314	4901.771	4901.771	0	1001.682	0	0.116472	6.407029	0	0.001266	0.018977	0	0.003	0.01601	0.001377	0.020639	0	0.012	0.045743	973.703	5277.958	0	0.755705	16.66564	0	0.198496	1.075946	0	0.010798	0.238119	0	0	0	0	0.771252	17.00851	0	0	0	0	1.06	2.995274	36.69576	0	0	0	0
Santa Clara	2026	OBUS	Aggregate	Aggregate	Gasoline	419.1997	18162.11	18162.11	0	8387.348	0	0.418185	0.062602	0.399155	0.00097	0	0.000258	0.003	0.01568	0.001055	0	0.000281	0.012	0.044799	1724.911	374.6239	31.08783	0.011431	0.195819	0.035179	0.020728	0.005108	0.030453	0.055331	0.746751	0.186435	0.035194	0.177337	3.200029	0.080739	1.089657	0.204123	0.035194	0.177337	3.200029	0.044499	1.215872	5.777453	3.882011	0.017053	0.003704	0.000307
Santa Clara	2026	OBUS	Aggregate	Aggregate	Diesel	949.0452	62674.48	62674.48	0	9750.025	0	1.092349	6.912226	1.518478	0.018173	0.007147	0	0.003	0.018049	0.018995	0.00747	0	0.012	0.05157	1245.043	1523.794	0	0.001766	0.020826	0	0.196157	0.240074	0	0.038011	0.448385	0	0	0	0	0.043273	0.510453	0	0	0	0	0.216379	0.139488	7.649271	0	0.01179	0.014429	0
Santa Clara	2026	OBUS	Aggregate	Aggregate	Electricity	4.484159	364.7881	0	364.7881	89.71906	404.1294	0	0	0	0	0	0	0.003	0.00784	0	0	0	0.012	0.022399	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	OBUS	Aggregate	Aggregate	Natural Ga	9.101244	599.9791	599.9791	0	81.00107	0	0.145347	1.518344	0	0.001276	0.004354	0	0.003	0.016148	0.001388	0.004735	0	0.012	0.046137	975.0003	1187.914	0	0.81456	4.001439	0	0.19876	0.242164	0	0.011638	0.057173	0	0	0	0	0.831318	4.083762	0	0	0	0	1.06	3.321042	8.378673	0	0	0	0
Santa Clara	2026	SBUS	Aggregate	Aggregate	Gasoline	183.7933	9054.551	9054.551	0	735.1732	0	0.474165	0.887577	0.73371	0.000873	0	0.00058	0.002	0.015721	0.00095	0	0.000631	0.008	0.044917	802.4349	2565.528	57.27504	0.01005	2.4667	0.074539	0.025921	0.082658	0.067212	0.048718	10.63718	0.423572	0.1241	0.322638	1.96833	0.07109	15.52175	0.463758	0.1241	0.322638	1.96833	0.045	1.246814	82.21455	10.07789	0.007933	0.025363	0.000566
Santa Clara	2026	SBUS	Aggregate	Aggregate	Diesel	674.9981	15210.89	15210.89	0	9773.973	0	3.406071	20.83077	0.509343	0.017715	0.016839	0	0.003	0.015721	0.018516	0.017601	0	0.012	0.044917	1135.538	2209.663	0	0.002498	0.007888	0	0.178905	0.348133	0	0.053781	0.169828	0	0	0	0	0.061225	0.193336	0	0	0	0	0.155771	0.169257	4.880858	0	0.010753	0.020924	0
Santa Clara	2026	SBUS	Aggregate	Aggregate	Electricity	7.587222	244.2395	0	244.2395	87.39442	257.2955	0	0	0	0	0	0	0.002	0.00786	0	0	0	0.01027	0.022459	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	SBUS	Aggregate	Aggregate	Natural Ga	26.16468	642.5523	642.5523	0	378.8645	0	0.532059	5.249897	0	0.003378	0.011858	0	0.003	0.015721	0.003674	0.012897	0	0.012	0.044917	1243.421	4080.833	0	3.338467	14.99739	0	0.25348	0.831904	0	0.0477	0.214283	0	0	0	0	3.407151	15.30593	0	0	0	0	1.06	11.18687	21.87624	0	0	0	0
Santa Clara	2026	UBUS	Aggregate	Aggregate	Gasoline	46.35522	4840.865	4840.865	0	185.4209	0	0.026897	0	0.439741	0.001143	0	0.000128	0.002	0.03185	0.001243	0	0.00014	0.008	0.091	925.6516	0	36.30949	0.001945	0	0.042807	0.004209	0	0.069602	0.005374	0	0.151507	0.043604	0.092107	0.471119	0.007841	0	0.165881	0.043604	0.092107	0.471119	0.045	0.590355	0	5.738214	0.009151	0	0.000359
Santa Clara	2026	UBUS	Aggregate	Aggregate	Diesel	396.77	44084.04	44084.04	0	1587.08	0	0.382074	0	0	0.006946	0	0	0.002	0.03185	0.008221	0.0385	0.00726	0	0.032883	0.11	1310.339	0	0.003187	0	0	0.174934	0	0	0.068625	0	0	0	0	0	0.078125	0	0	0	0	0	0.22	0.078518	0	0	0.010521	0	0
Santa Clara	2026	UBUS	Aggregate	Aggregate	Electricity	28.65959	2995.558	0	2995.558	114.6384	5221.989	0	0	0	0	0	0	0.008972	0.01925	0	0	0	0.035887	0.055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2026	UBUS	Aggregate	Aggregate	Natural Ga	62.84535	7257.192	7257.192	0	251.3814	0	0.060787	0	0	0.000288	0	0	0.008445	0.0385	0.000301	0	0	0.033781	0.11	1320.935	0	0	4.332576	0	0	0.269281	0	0	0.061904	0	0	0	0	0	4.421712	0	0	0	0	0	0.97	50.5588	0	0	0	0	0

CalEEMod EMFAC2021 Emission Factors Input

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
A	CH4_IDLEX	0	0	0	0	0.005024	0.002901	0.014329	0.224308568	0.007552	0	0	0.077545	0
A	CH4_RUNEX	0.001675	0.00501	0.002402	0.002962	0.006511	0.00591	0.009525	0.111846137	0.009865	0.533854641	0.154451	0.090415	0.009919
A	CH4_STREX	0.056959	0.091594	0.07317	0.0841	0.020518	0.010947	0.007919	7.49827E-08	0.016116	0.003711567	0.172746	0.004993	0.025168
A	CO_IDLEX	0	0	0	0	0.193382	0.139764	0.664762	5.153655195	0.53297	0	0	1.729088	0
A	CO_RUNEX	0.573055	1.207794	0.74197	0.807087	0.767637	0.490256	0.257149	0.733099915	0.401188	6.307010922	11.99329	0.836984	0.927158
A	CO_STREX	2.554061	4.515511	3.238665	3.39519	2.163001	1.175504	0.934813	0.000737725	1.778436	0.497532984	7.931677	0.675054	2.264736
A	CO2_NBIO_IDLEX	0	0	0	0	8.476906	13.60976	156.6958	795.6699429	88.15791	0	0	188.587	0
A	CO2_NBIO_RUNEX	235.102	316.4191	326.7826	392.6003	747.6667	794.4808	1196.529	1554.973392	1344.054	1064.852599	186.8446	1007.354	1674.317
A	CO2_NBIO_STREX	60.77252	82.69943	83.28568	99.28707	17.33995	9.379616	7.914622	0.013527798	14.24203	3.148221534	46.30646	3.836494	21.6173
A	NOX_IDLEX	0	0	0	0	0.04434	0.086409	0.837392	4.013652026	0.3605	0	0	1.308491	0
A	NOX_RUNEX	0.030375	0.103204	0.056004	0.074529	0.516639	0.725632	0.906229	1.701647234	0.930849	0.294278253	0.54585	2.244119	1.44219
A	NOX_STREX	0.20795	0.337562	0.292244	0.347081	0.400976	0.21716	1.391692	2.760133946	0.991531	0.038127875	0.123182	0.502734	0.298756
A	PM10_IDLEX	0	0	0	0	0.000687	0.001406	0.001445	0.002012959	0.00039	0	0	0.001113	0
A	PM10_PMBW	0.007122	0.009211	0.008856	0.008951	0.077204	0.090087	0.045088	0.081458247	0.049896	0.125580022	0.012	0.044699	0.044944
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009418	0.010663	0.012	0.035131691	0.012	0.044105924	0.004	0.010543	0.013261
A	PM10_RUNEX	0.001071	0.001706	0.001243	0.001247	0.012107	0.020463	0.009635	0.024769283	0.014798	0.005547054	0.001945	0.011633	0.027752
A	PM10_STREX	0.001791	0.002615	0.002002	0.001984	0.00019	8.13E-05	9.63E-05	3.29375E-07	0.000129	1.21095E-05	0.00347	4.23E-05	0.000281
A	PM25_IDLEX	0	0	0	0	0.000657	0.001346	0.001382	0.001919468	0.000373	0	0	0.001064	0
A	PM25_PMBW	0.002493	0.003224	0.0031	0.003133	0.027021	0.03153	0.015781	0.028510387	0.017464	0.043953008	0.0042	0.015645	0.01573
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002355	0.002666	0.003	0.008782923	0.003	0.011026481	0.001	0.002636	0.003315
A	PM25_RUNEX	0.000986	0.00157	0.001144	0.001149	0.011546	0.019561	0.00921	0.02369428	0.014149	0.005303299	0.001818	0.011114	0.026508
A	PM25_STREX	0.001647	0.002404	0.001841	0.001824	0.000174	7.48E-05	8.86E-05	3.02848E-07	0.000118	1.11343E-05	0.003256	3.89E-05	0.000258
A	ROG_DIURN	0.254504	0.529723	0.279092	0.322903	0.116726	0.060196	0.021313	0.000106002	0.073271	0.010212124	3.854231	0.032962	28.55295
A	ROG_HTSK	0.07369	0.147578	0.075291	0.084543	0.028726	0.014862	0.005106	3.36143E-05	0.016123	0.003780717	3.558543	0.008313	7.360966
A	ROG_IDLEX	0	0	0	0	0.020461	0.015058	0.024261	0.32445582	0.04037	0	0	0.189085	0
A	ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
A	ROG_RUNEX	0.006207	0.021876	0.009232	0.012163	0.073128	0.102722	0.027662	0.017018907	0.041494	0.059153068	0.991178	0.051281	0.070828
A	ROG_RUNLS	0.190989	0.413908	0.208399	0.244508	0.165357	0.082688	0.042018	0.000302729	0.081242	0.00798618	3.769688	0.021611	0.176029
A	ROG_STREX	0.254258	0.45831	0.332523	0.408327	0.100626	0.053154	0.043043	4.06848E-07	0.08541	0.013136414	1.267526	0.028372	0.103602
A	SO2_IDLEX	0	0	0	0	8.25E-05	0.00013	0.001452	0.006923512	0.000833	0	0	0.001712	0
A	SO2_RUNEX	0.002324	0.003128	0.00323	0.003879	0.0073	0.007651	0.011344	0.014049606	0.012819	0.008586151	0.001847	0.009359	0.016412
A	SO2_STREX	0.000601	0.000818	0.000823	0.000982	0.000171	9.27E-05	7.82E-05	1.33736E-07	0.000141	3.11234E-05	0.000458	3.79E-05	0.000214
A	TOG_DIURN	0.254504	0.529723	0.279092	0.322903	0.116726	0.060196	0.021313	0.000106002	0.073271	0.010212124	0.085098	0.032962	28.55295
A	TOG_HTSK	0.07369	0.147578	0.075291	0.084543	0.028726	0.014862	0.005106	3.36143E-05	0.016123	0.003780717	3.558543	0.008313	7.360966
A	TOG_IDLEX	0	0	0	0	0.028987	0.020219	0.041853	0.579654551	0.053441	0	0	0.308305	0
A	TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
A	TOG_RUNEX	0.009046	0.031907	0.013457	0.017701	0.08958	0.119	0.040924	0.131035808	0.057178	0.601092032	1.200425	0.149659	0.091829
A	TOG_RUNLS	0.190989	0.413908	0.208399	0.244508	0.165357	0.082688	0.042018	0.000302729	0.081242	0.00798618	3.769688	0.021611	0.176029
A	TOG_STREX	0.27838	0.501792	0.364071	0.447067	0.110173	0.058197	0.047127	4.45447E-07	0.093513	0.01438272	1.378329	0.031064	0.113431
A	N2O_IDLEX	0	0	0	0	0.00063	0.00168	0.024186	0.128345993	0.012682	0	0	0.024778	0
A	N2O_RUNEX	0.003678	0.007971	0.005347	0.006983	0.039725	0.080555	0.153578	0.248265947	0.156351	0.163683708	0.038475	0.124	0.068939
A	N2O_STREX	0.027983	0.036165	0.034432	0.036101	0.033064	0.017628	0.005689	8.0417E-06	0.013951	0.006034849	0.007381	0.004502	0.032161

CalEEMod EMFAC2021 Fleet Mix Input

FleetMixLandUseSubType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
	0.525374	0.039228	0.232277	0.130076	0.023447	0.005831	0.009477	0.007547	0.001059	0.00041	0.022079	0.000684	0.00251

Source: EMFAC2021 (v1.0.1) Emission Rates
Region Type: County
Region: Santa Clara
Calendar Year: 2030
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Energy Con	NOx_RUNEX	NOx_IDLEX	NOx_STREX	PM2.5_RU	PM2.5_IDL	PM2.5_STR	PM2.5_PM	PM10_RUN	PM10_IDLE	PM10_STR	PM10_PM	PM10_EMI	CO2_RUNEX	CO2_IDLEX	CO2_STREX	CH4_RUNEX	CH4_IDLEX	CH4_STREX	N2O_RUNEX	N2O_IDLEX	N2O_STREX	ROG_RUNEX	ROG_IDLEX	ROG_STREX	ROG_HOTSO	ROG_RUNL	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_HOTSO	TOG_RUNL	TOG_DIUR	NH3_RUNEX	CO_RUNEX	CO_IDLEX	CO_STREX	SOx_RUNE	SOx_IDLEX	SOx_STREX
Santa Clara	2030	HHDT	Aggregate	Aggregate	Gasoline	1.487616	172.8499	172.8499	0	29.76421	0	2.911619	0	0.534862	0.001674	0	0.000674	0.005	0.032468	0.00182	0	0.000733	0.02	0.092765	1924.768	0	48.04273	0.102337	0	0.000224	0.119593	0	0.0192	0.501241	0	0.001214	0.064624	0.580293	4.097317	0.731409	0	0.000133	0.064624	0.580293	4.097317	0.045	26.13927	0	4.442251	0.019028	0	0.000475
Santa Clara	2030	HHDT	Aggregate	Aggregate	Diesel	9231.234	1024357	1024357	0	136537.8	0	1.54454	61.29817	2.88955	0.024765	0.0244	0	0.008788	0.028144	0.025885	0.025504	0	0.035154	0.080413	1474.596	10772.22	0	0.000646	0.235119	0	0.232323	1.697167	0	0.013904	5.062058	0	0	0	0	0.015828	5.762768	0	0	0	0	0.217216	0.061916	74.26736	0	0.013964	0.102006	0
Santa Clara	2030	HHDT	Aggregate	Aggregate	Electricity	530.2501	54761.35	0	54761.35	6663.697	101036	0	0	0	0	0	0	0.008533	0.015514	0	0	0	0.03413	0.044327	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2030	HHDT	Aggregate	Aggregate	Natural Ga	938.2726	57937.93	57937.93	0	8287.795	0	0.731127	11.54643	0.001557	0.027291	0	0	0.009	0.05172	0.001694	0.029682	0	0.036	0.147772	1322.875	10241.21	0	1.710465	30.09558	0	0.269677	2.087739	0	0.033169	0.444488	0	0	0	0	1.755601	30.73125	0	0	0	0	0.811239	11.16082	76.40969	0	0	0	0
Santa Clara	2030	LDA	Aggregate	Aggregate	Gasoline	602124.6	21985013	21985013	0	2796634	0	0.027128	0	0.204379	0.000885	0	0.001532	0.002	0.002653	0.000962	0	0.001666	0.008	0.00758	252.5101	0	62.99349	0.00146	0	0.051774	0.003674	0	0.028877	0.005055	0	0.223494	0.069299	0.197319	1.209286	0.077376	0	0.244698	0.069299	0.197319	1.209286	0.039301	0.56355	0	2.385556	0.002496	0	0.000623
Santa Clara	2030	LDA	Aggregate	Aggregate	Diesel	966.5715	27899.12	27899.12	0	4169.431	0	0.084622	0	0	0.00656	0	0	0.002	0.002722	0.006857	0	0	0.008	0.007776	216.2434	0	0	0.000652	0	0	0.034069	0	0	0.014035	0	0	0	0	0	0.015978	0	0	0	0	0	0.00231	0.244061	0	0.002049	0	0
Santa Clara	2030	LDA	Aggregate	Aggregate	Electricity	74807.28	2981995	0	2981995	356618	1151296	0	0	0	0	0	0	0.002	0.001537	0	0	0	0.008	0.004391	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2030	LDA	Aggregate	Aggregate	Plug-in Hyb	2466.152	986083.3	441285.3	544798	101975.4	1645445.2	0.002937	0	0.11551	0.000402	0	0.001538	0.002	0.001398	0.000437	0	0.001673	0.008	0.003994	124.7883	0	62.09864	0.00039	0	0.041401	0.000504	0	0.019792	0.00127	0	0.173285	0.041078	0.050398	0.518869	0.018326	0.192609	0	1.339893	0.001234	0	0.000614							
Santa Clara	2030	LDT1	Aggregate	Aggregate	Gasoline	47587.45	1511766	1511766	0	212019.3	0	0.06744	0	0.276451	0.001181	0	0.001933	0.002	0.003236	0.001284	0	0.002102	0.008	0.009245	301.4361	0	77.09479	0.003341	0	0.071607	0.005993	0	0.032827	0.01396	0	0.342108	0.122517	0.361736	2.125938	0.203571	0	0.374565	0.122517	0.361736	2.125938	0.038435	0.913385	0	3.462484	0.00298	0	0.000762
Santa Clara	2030	LDT1	Aggregate	Aggregate	Diesel	0.768467	17.0557	17.0557	0	2.625517	0	0.541325	0	0	0.080932	0	0	0.002	0.003285	0.084591	0	0	0.008	0.009386	366.951	0	0	0.006227	0	0	0.057813	0	0	0.134063	0	0	0	0	0	0.152622	0	0	0	0	0	0.00031	0.953187	0	0.003477	0	0
Santa Clara	2030	LDT1	Aggregate	Aggregate	Electricity	459.5988	19527.57	0	19527.57	2229.168	7539.252	0	0	0	0	0	0	0.002	0.001532	0	0	0	0.008	0.004379	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2030	LDT1	Aggregate	Aggregate	Plug-in Hyb	311.9596	13308.96	5503.171	7805.787	1289.953	2357.58	0.002713	0	0.11551	0.000237	0	0.000982	0.002	0.001404	0.000258	0	0.001068	0.008	0.004012	115.302	0	67.69965	0.00036	0	0.041331	0.000464	0	0.019726	0.001173	0	0.173285	0.023088	0.020052	0.277122	0.001712	0	0.189725	0.023088	0.020052	0.277122	0.017367	0.17796	0	1.339893	0.00114	0	0.000669
Santa Clara	2030	LDT2	Aggregate	Aggregate	Gasoline	315384	11011602	11011602	0	1467133	0	0.042522	0	0.254325	0.000923	0	0.001563	0.002	0.003147	0.001004	0	0.001699	0.008	0.008992	313.0844	0	78.91261	0.001939	0	0.061959	0.004491	0	0.03252	0.007052	0	0.272663	0.065379	0.191547	1.192189	0.010291	0	0.298532	0.065379	0.191547	1.192189	0.039832	0.659365	0	2.809133	0.003095	0	0.00078
Santa Clara	2030	LDT2	Aggregate	Aggregate	Diesel	1158.99	40906.35	40906.35	0	5439.347	0	0.030058	0	0	0.003988	0	0	0.002	0.003143	0.004169	0	0	0.008	0.008981	285.9943	0	0	0.000559	0	0	0.045059	0	0	0.012039	0	0	0	0	0	0.013706	0	0	0	0	0	0.0031	0.125642	0	0.00271	0	0
Santa Clara	2030	LDT2	Aggregate	Aggregate	Electricity	5453.194	171699	0	171699	27128.05	66289.98	0	0	0	0	0	0	0.002	0.001531	0	0	0	0.008	0.004374	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2030	LDT2	Aggregate	Aggregate	Plug-in Hyb	4846.712	193738.5	82854.31	110884.1	20041.15	33490.32	0.002806	0	0.11551	0.000301	0	0.001204	0.002	0.001402	0.000327	0	0.00131	0.008	0.004007	119.2524	0	74.25998	0.000371	0	0.041171	0.000476	0	0.019577	0.001214	0	0.173285	0.026751	0.026025	0.323076	0.017953	0.184065	0	1.339893	0.001179	0	0.000734							
Santa Clara	2030	LHDT1	Aggregate	Aggregate	Gasoline	19753.02	727605.5	727605.5	0	294290.5	0	0.082552	0.030634	0.51718	0.001329	0	0.000195	0.002	0.0273	0.001446	0	0.000212	0.008	0.078	802.0575	113.4696	25.10498	0.003719	0.099174	0.025985	0.00491	0.002766	0.044981	0.016744	0.351327	0.123637	0.032922	0.194989	2.054962	0.024432	0.512656	0.135367	0.032922	0.194989	2.054962	0.045	0.768194	3.76818	3.242124	0.007929	0.001122	0.000248
Santa Clara	2030	LHDT1	Aggregate	Aggregate	Diesel	11269.28	427352.8	427352.8	0	141753.3	0	0.789576	1.444738	0	0.023821	0.026284	0	0.003	0.0273	0.024898	0.027472	0	0.012	0.078	617.2105	123.3953	0	0.005662	0.005098	0	0.097242	0.019441	0	0.121909	0.10976	0	0	0	0	0.138785	0.124954	0	0	0	0	0.199336	0.314077	0.909745	0	0.005848	0.001169	0
Santa Clara	2030	LHDT1	Aggregate	Aggregate	Electricity	2074.538	117461.4	0	117461.4	29061.96	76947.26	0	0	0	0	0	0	0.002	0.01365	0	0	0	0.008	0.039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2030	LHDT2	Aggregate	Aggregate	Gasoline	2461.018	87198.4	87198.4	0	36665.5	0	0.076883	0.029634	0.510604	0.001202	0	0.000149	0.002	0.03185	0.001308	0	0.000162	0.008	0.091	909.7177	131.684	24.47216	0.00272	0.095769	0.024975	0.005151	0.002617	0.043301	0.011255	0.340122	0.118021	0.031894	0.187158	2.069204	0.016423	0.496305	0.129219	0.031894	0.187158	2.069204	0.045	0.659048	3.775132	3.178541	0.008993	0.001302	0.000242
Santa Clara	2030	LHDT2	Aggregate	Aggregate	Diesel	5433.248	199824.8	199824.8	0	68343.42	0	0.748874	1.460368	0	0.024929	0.026926	0	0.003	0.03185	0.026056	0.028143	0	0.012	0.091	728.4033	198.6254	0	0.005847	0.005098	0	0.11476	0.031294	0	0.125888	0.10976	0	0	0	0	0.143315	0.124954	0	0	0	0	0.202684	0.318068	0.909745	0	0.006902	0.001882	0
Santa Clara	2030	LHDT2	Aggregate	Aggregate	Electricity	523.4249	28364.01	0	28364.01	6941.368	18295.8	0	0	0	0	0	0	0.002	0.015925	0	0	0	0.008	0.0455	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2030	MCY	Aggregate	Aggregate	Gasoline	29945.67	170059	170059	0	59891.34	0	0.509869	0	0.103081	0.001864	0	0.003197	0.001	0.0042	0.001997	0	0.003416	0.004	0.012	185.5769	0	42.83228	0.142987	0	0.157242	0.036967	0	0.006341	0.890508	0	1.134366	3.555147	3.783469	3.680755	1.091848	0	1.234067	3.555147	3.783469	3.680755	0.009004	11.04655	0	7.830862	0.001835	0	0.000423
Santa Clara	2030	MDV	Aggregate	Aggregate	Gasoline	174344	5962227	5962227	0	807535.9	0	0.050767	0	0.286849	0.000902	0	0.001551	0.002	0.003188	0.000981	0	0.001687	0.008	0.00911	378.9313	0	95.79397	0.002213	0	0.068559	0.004925	0	0.033878	0.008456	0	0.317272	0.072796	0.219895	1.355815	0.012339	0	0.347373	0.072796	0.219895	1.355815	0.03954	0.69525	0	2.93398	0.003746	0	0.000947
Santa Clara	2030	MDV	Aggregate	Aggregate	Diesel	2406.787	79682.09	79682.09	0	11072.82	0	0.026422	0	0	0.003049	0	0	0.002	0.00327	0.003187	0	0	0.008	0.009343	380.8057	0	0	0.000373	0	0	0.059996	0	0	0.008029	0	0	0	0	0	0.00914	0	0	0	0	0	0.0031	0.181562	0	0.003608	0	0
Santa Clara	2030	MDV	Aggregate	Aggregate	Electricity	5418.753	169876.9	0	169876.9	26922.58	65586.51	0	0	0	0	0	0	0.002	0.001532	0	0	0	0.008	0.004377	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2030	MDV	Aggregate	Aggregate	Plug-in Hyb	2963.422	115546.2	49482.19	66063.98	12253.75	19953.29	0.00281	0	0.11551	0.000321	0	0.001277	0.002	0.001403	0.000349	0	0.001389	0.008	0.004008	119.4157	0	90.62083	0.00037	0	0.041054	0.000474	0	0.019467	0.001215	0	0.173285	0.028447	0.028695	0.345627	0.001773	0	0.189725	0.028447	0.028695	0.345627	0.017986	0.184317	0	1.339893	0.001181	0	0.000896
Santa Clara	2030	MH	Aggregate	Aggregate	Gasoline	2034.688	19970.26	19970.26	0	203.5502	0	0.205296	0	0.454071	0.001366	0	0.000326	0.003	0.015756	0.001486	0	0.000355	0.012	0.045017	1945.26	0	30.65867	0.006703	0	0.034694	0.016757	0	0.050507	0.023566	0	0.135475	7.46433	0.181652	3.092727	0.043387	0	0.148329	7.46433	0.181652	3.092727	0.045	0.391655	0	2.922173	0.019231	0	0.000303
Santa Clara	2030	MH	Aggregate	Aggregate	Diesel	1064.938	10092.31	10092.31	0	106.4938	0	3.402012	0	0.062183	0	0	0	0.004	0.015675	0.064995	0	0	0.016	0.044785	1084.369	0	0	0.00483	0	0	0.170843	0	0	0.103997	0	0	0	0	0	0.118394	0	0	0	0	0	0.181066	0.332398	0	0.010275	0	0
Santa Clara	2030	MHDT	Aggregate	Aggregate	Gasoline	1369.784	69786.55	69786.55	0	27406.63	0	0.182504	0.074436	0.34723	0.001338	0	0.000467	0.003	0.015756	0.001455	0	0.000508	0.012	0.045017	1664.876	504.5675	41.89188	0.006139	0.269683	0.040602	0.011558	0.006658	0.029379	0.027836	1.022884	0.21089	0.021107	0.176695	1.842352	0.040618	1.49259	0.230898	0.021107	0.176695	1.842352	0.045	0.52486	15.23455	4.434866	0.016459	0.004988	0.000414
Santa Clara	2030	MHDT	Aggregate	Aggregate	Diesel	10679.13	4158333.4	415833.4	0	127641.8	0	0.730884	11.4465	1.543564	0.006512	0.00966	0	0.003	0.015941	0.006806	0.010097	0	0.012	0.045547	1109.144	2139.822	0	0.000682	0.00913	0	0.174746	0.33713	0	0.014684	0.196569	0	0	0	0	0.016716	0.223779	0	0	0	0	0.21635	0.072794	7.506963	0	0.010503	0.020263	0
Santa Clara	2030	MHDT	Aggregate	Aggregate	Electricity	991.1386	51102.91	0	51102.91	12793.33	55704.06	0	0	0	0	0	0	0.003	0.007951	0	0	0	0.012	0.022716	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2030	MHDT	Aggregate	Aggregate	Natural Ga	136.8437	5799.937	5799.937	0	1320.474	0	0.096762	6.249105	0	0.001362	0.019752	0	0.003	0.016004	0.001481	0.021482	0	0.012	0.045726	958.0225	5202.364	0	0.762569	15.80303	0	0.195299	1.060536	0	0.010896	0.225794	0	0	0	0	0.778258	16.12815	0	0	0	0	1.06	2.989146	38.55016	0	0	0	0
Santa Clara	2030	OBUS	Aggregate	Aggregate	Gasoline	373.8509	15017.96	15017.96	0	7480.008	0	0.303475	0.05759	0.379431	0.001075	0	0.000273	0.003	0.01568	0.001169	0	0.000296	0.012	0.044799	1659.483	366.2829	30.178	0.008294	0.194656	0.033726	0.01556	0.004647	0.028492	0.039512	0.74712	0.179242	0.035188	0.193999	3.485652	0.057656	1.090195	0.196247	0.035188	0.193999	3.485652	0.045	0.869951	5.779659	3.676722	0.016406	0.003621	0.000298
Santa Clara	2030	OBUS	Aggregate	Aggregate	Diesel	1041.415	64198.49	64198.49	0	10721.4	0	0.980356	5.976871	1.366725	0.015111	0.005302	0	0.003	0.018208	0.015794	0.005542	0	0.012	0.052023	1187.709	1474.191	0	0.001456	0.020843	0	0.187124	0.232259	0	0.031354	0.448735	0	0	0	0	0.035694	0.51085	0	0	0	0	0.217102	0.12266	7.728975	0	0.011247	0.01396	0
Santa Clara	2030	OBUS	Aggregate	Aggregate	Electricity	23.4704	1822.619	0	1822.619	469.5957	2019.183	0	0	0	0	0	0	0.003	0.00784	0	0	0	0.012	0.022399	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2030	OBUS	Aggregate	Aggregate	Natural Ga	12.4197	789.0472	789.0472	0	110.5354	0	0.10256	1.499304	0	0.00148	0.004808	0	0.003	0.016148	0.001609	0.005229	0	0.012	0.046137	931.8762	1168.573	0	0.837982	3.766358	0	0.189969	0.238221	0	0.011973	0.053814	0	0	0	0	0.855222	3.843845	0	0	0	0	1.06	3.384146	9.402647	0	0	0	0
Santa Clara	2030	SBUS	Aggregate	Aggregate	Gasoline	198.1997	9649.073	9649.073	0	792.7989	0	0.406238	0.82859	0.759705	0.000888	0	0.000598	0.002	0.015721	0.000966	0	0.00065	0.008	0.044917	789.8243	2529.341	55.78331	0.007921	2.470848	0.074041	0.023184	0.077325	0.068817	0.038133	10.64152	0.418393	0.132523	0.393216	2.367471	0.055643	15.52808	0.458087	0.132523	0.393216	2.367471	0.045	0.979717	82.24088	9.529837	0.007808	0.025005	0.000551
Santa Clara	2030	SBUS	Aggregate	Aggregate	Diesel	659.3029	14502.39	14502.39	0	9546.705	0	2.539504	18.10728	0.550768	0.01404	0.011608	0	0.003	0.015721	0.014674	0.012133	0	0.012	0.044917	1118.5	2161.652	0	0.002094	0.007833	0	0.17622	0.340569	0	0.04508	0.168645	0	0	0	0	0.051321	0.19199	0	0	0	0	0.171795	0.148382	5.367405	0	0.010592	0.02047	0
Santa Clara	2030	SBUS	Aggregate	Aggregate	Electricity	42.27556	1362.719	0	1362.719	492.3385	1435.564	0	0	0	0	0	0	0.002592	0.00786	0	0	0	0.010366	0.022459	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2030	SBUS	Aggregate	Aggregate	Natural Ga	29.19835	683.5221	683.5221	0	422.7921	0	0.477489	5.21952	0	0.003378	0.012583	0	0.003	0.015721	0.003674	0.013685	0	0.012	0.044917	1216.036	4101.156	0	3.18823	14.62233	0	0.247897	0.836047	0	0.045554	0.208924	0	0	0	0	3.253822	14.92316	0	0	0	0	1.06	10.47986	23.50992	0	0	0	0
Santa Clara	2030	UBUS	Aggregate	Aggregate	Gasoline	46.8994	4897.693	4897.693	0	187.5976	0	0.01748	0	0.295043	0.001197	0	0.000134	0.002	0.03185	0.001302	0	0.000145	0.008	0.091	850.5412	0	34.89923	0.001406	0	0.028862	0.003131	0	0.052846	0.003661	0	0.096632	0.024197	0.090857	0.324693	0.005342	0	0.1058	0.024197	0.090857	0.324693	0.045	0.587543	0	6.131541	0.008408	0	0.000345
Santa Clara	2030	UBUS	Aggregate	Aggregate	Diesel	338.5092	37119.08	37119.08	0	1354.037	0	0.396482	0	0	0.007709	0	0	0.002	0.008494	0.0385	0.007535	0	0	0.033877	0.11	1140.779	0	0.003281	0	0	0.17973	0	0	0.070632	0	0	0	0	0	0.080409	0	0	0	0	0	0.22	0.081446	0	0	0.010809	0	0
Santa Clara	2030	UBUS	Aggregate	Aggregate	Electricity	78.67225	8935.028	0	8935.028	314.689	15575.94	0	0	0	0	0	0	0.007594	0.01925	0	0	0	0.030375	0.055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara	2030	UBUS	Aggregate	Aggregate	Natural Ga	76.82557	8920.557	8920.557	0	307.3023	0	0.058538	0	0	0.000282	0	0	0.00815	0.0385	0.000294	0	0	0.032599	0.11	1296.487	0	0	4.23523	0	0	0.264297	0	0	0.060513	0	0	0	0	0	4.322362	0	0	0	0	0	0.97	48.85872	0	0	0	0

CalEEMod EMFAC2021 Emission Factors Input

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
A	CH4_IDLEX	0	0	0	0	0.004335	0.002508	0.015544	0.200689575	0.007521	0	0	0.081907	0
A	CH4_RUNEX	0.001251	0.003273	0.001878	0.002097	0.004028	0.004457	0.009465	0.087739612	0.010745	0.633168094	0.142987	0.08726	0.006074
A	CH4_STREX	0.045719	0.070684	0.060357	0.065129	0.016442	0.00872	0.006578	4.40093E-08	0.013432	0.002502449	0.157242	0.005216	0.022777
A	CO_IDLEX	0	0	0	0	0.182077	0.135546	0.628457	4.997868655	0.549826	0	0	1.823721	0
A	CO_RUNEX	0.484447	0.895501	0.639473	0.660784	0.544761	0.383737	0.155266	0.628349624	0.288528	7.378159276	11.04655	0.716417	0.371762
A	CO_STREX	2.08878	3.413929	2.729559	2.781248	2.051418	1.109837	0.71851	0.00087263	1.464305	0.531636543	7.830862	0.671301	1.918466
A	CO2_NBIO_IDLEX	0	0	0	0	7.808851	13.36322	143.3801	719.710734	89.80588	0	0	181.8136	0
A	CO2_NBIO_RUNEX	218.6415	296.0222	304.9904	364.0422	665.9344	713.025	1074.538	1395.928332	1245.372	969.9926525	185.5769	941.807	1656.25
A	CO2_NBIO_STREX	55.99265	76.24029	77.1602	91.4769	15.88489	8.544837	6.787068	0.009437452	12.01881	3.025945099	42.83228	3.929487	20.12804
A	NOX_IDLEX	0	0	0	0	0.036306	0.076255	0.72827	3.806064714	0.333548	0	0	1.088868	0
A	NOX_RUNEX	0.023158	0.066035	0.041164	0.048222	0.312391	0.495733	0.584719	1.446947564	0.825827	0.255958394	0.509869	1.567888	1.278466
A	NOX_STREX	0.178975	0.272625	0.247045	0.271696	0.32724	0.178285	1.220957	2.603954429	0.931305	0.025581732	0.103081	0.520702	0.298107
A	PM10_IDLEX	0	0	0	0	0.000666	0.001456	0.000655	0.001737607	0.000311	0	0	0.000746	0
A	PM10_PMBW	0.007078	0.009138	0.008838	0.008892	0.0744	0.086908	0.04333	0.082108579	0.049981	0.147119217	0.012	0.043749	0.04494
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009343	0.010534	0.012	0.035145225	0.012	0.05700071	0.004	0.010442	0.013343
A	PM10_RUNEX	0.000838	0.00126	0.000989	0.000971	0.009189	0.01687	0.00542	0.023402177	0.012621	0.004822062	0.001997	0.008575	0.022807
A	PM10_STREX	0.001482	0.002074	0.001658	0.001608	0.000134	5.67E-05	8.23E-05	1.43954E-07	0.000118	1.26121E-05	0.003416	4.58E-05	0.000233
A	PM25_IDLEX	0	0	0	0	0.000637	0.001393	0.000626	0.001655588	0.000297	0	0	0.000713	0
A	PM25_PMBW	0.002477	0.003198	0.003093	0.003112	0.02604	0.030418	0.015165	0.028738003	0.017493	0.051491726	0.0042	0.015312	0.015729
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002336	0.002634	0.003	0.008786306	0.003	0.014250178	0.001	0.00261	0.003336
A	PM25_RUNEX	0.000771	0.001159	0.00091	0.000894	0.008761	0.016127	0.005178	0.022386582	0.012067	0.00460949	0.001864	0.008187	0.021783
A	PM25_STREX	0.001362	0.001907	0.001524	0.001478	0.000123	5.22E-05	7.56E-05	1.3236E-07	0.000109	1.15963E-05	0.003197	4.21E-05	0.000214
A	ROG_DIURN	0.227323	0.469769	0.248439	0.276762	0.087274	0.048494	0.014918	4.02275E-05	0.069383	0.007038146	3.680755	0.041692	20.29626
A	ROG_HTSK	0.060745	0.120653	0.063468	0.068938	0.020831	0.011136	0.00342	1.26947E-05	0.014014	0.002098044	3.555147	0.009335	4.900484
A	ROG_IDLEX	0	0	0	0	0.01758	0.01365	0.020875	0.311156106	0.039789	0	0	0.197824	0
A	ROG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
A	ROG_RUNEX	0.00434	0.013675	0.006865	0.008091	0.050519	0.082873	0.014952	0.014289903	0.031966	0.05310504	0.890508	0.040189	0.050568
A	ROG_RUNLS	0.170881	0.355945	0.18526	0.207423	0.123377	0.065349	0.028627	0.000113992	0.077263	0.007877766	3.783469	0.027699	0.119258
A	ROG_STREX	0.197184	0.337555	0.26551	0.301161	0.07823	0.041209	0.034167	2.38553E-07	0.071386	0.008378471	1.134366	0.029472	0.088942
A	SO2_IDLEX	0	0	0	0	7.6E-05	0.000128	0.00132	0.006214699	0.000846	0	0	0.001639	0
A	SO2_RUNEX	0.002161	0.002926	0.003015	0.003597	0.006498	0.00686	0.010167	0.012580529	0.011835	0.007389377	0.001835	0.008739	0.016224
A	SO2_STREX	0.000554	0.000754	0.000763	0.000904	0.000157	8.45E-05	6.71E-05	9.32988E-08	0.000119	2.99145E-05	0.000423	3.88E-05	0.000199
A	TOG_DIURN	0.227323	0.469769	0.248439	0.276762	0.087274	0.048494	0.014918	4.02275E-05	0.069383	0.007038146	0.080793	0.041692	20.29626
A	TOG_HTSK	0.060745	0.120653	0.063468	0.068938	0.020831	0.011136	0.00342	1.26947E-05	0.014014	0.002098044	3.555147	0.009335	4.900484
A	TOG_IDLEX	0	0	0	0	0.0248	0.018097	0.03926	0.541395418	0.052568	0	0	0.32342	0
A	TOG_RESTL	0	0	0	0	0	0	0	0	0	0	0	0	0
A	TOG_RUNEX	0.006329	0.019954	0.010004	0.011775	0.060583	0.095343	0.026358	0.103810529	0.046832	0.694289379	1.091848	0.133799	0.062589
A	TOG_RUNLS	0.170881	0.355945	0.18526	0.207423	0.123377	0.065349	0.028627	0.000113992	0.077263	0.007877766	3.783469	0.027699	0.119258
A	TOG_STREX	0.215892	0.36958	0.2907	0.329734	0.085652	0.045119	0.037409	2.61185E-07	0.078158	0.009173371	1.234067	0.032269	0.097381
A	N2O_IDLEX	0	0	0	0	0.000589	0.00168	0.022195	0.116327365	0.013129	0	0	0.023481	0
A	N2O_RUNEX	0.003165	0.00587	0.004501	0.005405	0.035467	0.074134	0.137514	0.223022009	0.151496	0.151061958	0.036967	0.112558	0.068485
A	N2O_STREX	0.025397	0.032408	0.031653	0.032172	0.028461	0.015119	0.00476	3.77164E-06	0.011347	0.00458201	0.006341	0.004848	0.033159

CalEEMod EMFAC2021 Fleet Mix Input

FleetMixLandUseSubType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
	0.514977	0.035448	0.239576	0.135703	0.02426	0.00617	0.009659	0.007844	0.001064	0.000396	0.02195	0.000681	0.002272

Attachment 4: Project Construction Emissions and Health Risk Calculations

1601 Civic Center Drive, Santa Clara, CA

DPM Emissions and Modeling Emission Rates - Unmitigated

Construction Year	Activity	DPM (ton/year)	Area Source	DPM Emissions (lb/yr)	DPM Emissions (lb/hr)	DPM Emissions (g/s)	Modeled Area (m^2)	DPM Emission Rate ($g/s/m^2$)
2023	Construction	0.0240	CON_DPM	48.0	0.01645	2.07E-03	5,770	3.59E-07
2024 & 2025	Construction	0.0411	CON_DPM	82.2	0.02816	3.55E-03	5,770	6.15E-07
Total		***0.0651***		***130.3***	***0.0446***	***0.0056***		

Construction Hours

hr/day =	8	(7am - 3pm)
days/yr =	365	
hours/year =	2920	

1601 Civic Center Drive, Santa Clara, CA

PM2.5 Fugitive Dust Emissions for Modeling - Unmitigated

Construction Year	Activity	Area Source	PM2.5 Emissions (ton/year)	PM2.5 Emissions (lb/yr)	PM2.5 Emissions (lb/hr)	PM2.5 Emissions (g/s)	Modeled Area (m^2)	PM2.5 Emission Rate $g/s/m^2$
2023	Construction	CON_FUG	0.0705	140.9	0.04827	6.08E-03	5,770	1.05E-06
2024 & 2025	Construction	CON_FUG	0.0009	1.8	0.00061	7.66E-05	5,770	1.33E-08
Total			***0.0714***	***142.7***	***0.0489***	***0.0062***		

Construction Hours

hr/day =	8	(7am - 3pm)
days/yr =	365	
hours/year =	2920	

DPM Construction Emissions and Modeling Emission Rates - With Mitigation

Construction Year	Activity	DPM (ton/year)	Area Source	DPM Emissions (lb/yr)	DPM Emissions (lb/hr)	DPM Emissions (g/s)	Modeled Area (m^2)	DPM Emission Rate ($g/s/m^2$)
2023	Construction	0.0029	CON_DPM	5.8	0.00197	2.49E-04	5,770	4.31E-08
2024 & 2025	Construction	0.0138	CON_DPM	27.7	0.00947	1.19E-03	5,770	2.07E-07
Total		***0.0167***		***33.4***	***0.0114***	***0.0014***		

Construction Hours

hr/day =	8	(7am - 3pm)
days/yr =	365	
hours/year =	2920	

PM2.5 Fugitive Dust Construction Emissions for Modeling - With Mitigation

Construction Year	Activity	Area Source	PM2.5 Emissions (ton/year)	PM2.5 Emissions (lb/yr)	PM2.5 Emissions (lb/hr)	PM2.5 Emissions (g/s)	Modeled Area (m^2)	PM2.5 Emission Rate $g/s/m^2$
2023	Construction	CON_FUG	0.0319	63.7	0.02183	2.75E-03	5,770	4.77E-07
2024 & 2025	Construction	CON_FUG	0.0009	1.8	0.00061	7.66E-05	5,770	1.33E-08
Total			***0.0328***	***65.5***	***0.0224***	***0.0028***		

Construction Hours

hr/day =	8	(7am - 3pm)
days/yr =	365	
hours/year =	2920	

1601 Civic Center Drive, Santa Clara, CA
Construction Health Impact Summary

Maximum Impacts at MEI Location - Without Mitigation

Emissions Year	Maximum Concentrations: Exhaust PM10/DPM (µg/m^3)	Maximum Concentrations: Fugitive PM2.5 (µg/m^3)	Cancer Risk (per million): Infant/Child	Cancer Risk (per million): Adult	Hazard Index (-)	Maximum Annual PM2.5 Concentration (µg/m^3)
2023	0.0516	0.3072	9.18	0.15	0.01	0.36
2024 & 2025	0.0884	0.0039	14.52	0.25	0.02	0.09
Total	-	-	**23.70**	**0.40**		-
Maximum	0.0884	0.3072	**-**	**-**	**0.02**	**0.36**

Maximum Impacts at MEI Location - With Mitigation

Emissions Year	Maximum Concentrations: Exhaust PM10/DPM (µg/m^3)	Maximum Concentrations: Fugitive PM2.5 (µg/m^3)	Cancer Risk (per million): Infant/Child	Cancer Risk (per million): Adult	Hazard Index (-)	Maximum Annual PM2.5 Concentration (µg/m^3)
2023	0.0062	0.1395	1.10	0.02	0.00	0.15
2024 & 2025	0.0298	0.0039	4.89	0.09	0.01	0.03
Total	-	-	**5.99**	**0.10**	-	-
Maximum	0.0298	0.1395	**-**	**-**	**0.01**	**0.15**

- Tier 4 Interim Engine and BMP Mitigation

1601 Civic Center Drive, Santa Clara, CA - Construction Impacts - Without Mitigation
Maximum DPM Cancer Risk and PM2.5 Calculations From Construction
Impacts at Off-Site MEI Location - 7.6 meter receptor height

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
CPF =	1.10E+00	1.10E+00	1.10E+00	1.10E+00
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

			Infant/Child - Exposure Information				Adult - Exposure Information						
							Modeled				Maximum		
Exposure Year	Exposure Duration (years)	Age	DPM Conc (ug/m3) Year	DPM Conc (ug/m3) Annual	Age Sensitivity Factor	Infant/Child Cancer Risk (per million)	DPM Conc (ug/m3) Year	DPM Conc (ug/m3) Annual	Age Sensitivity Factor	Adult Cancer Risk (per million)	Hazard Index	Fugitive PM2.5	Total PM2.5
0	0.25	-0.25 - 0*	2023	0.0067	10	0.09	2023	0.0067	-	-			
1	1	0 - 1	2023	0.0067	10	1.10	2023	0.0067	1	0.02	0.001	0.02	0.03
2	1	1 - 2	2024 & 2025	0.0115	10	1.88	2024 & 2025	0.0115	1	0.03	0.002	0.0003	0.01
3	1	2 - 3		0.0000	3	0.00		0.0000	1	0.00			
4	1	3 - 4		0.0000	3	0.00		0.0000	1	0.00			
5	1	4 - 5		0.0000	3	0.00		0.0000	1	0.00			
6	1	5 - 6		0.0000	3	0.00		0.0000	1	0.00			
7	1	6 - 7		0.0000	3	0.00		0.0000	1	0.00			
8	1	7 - 8		0.0000	3	0.00		0.0000	1	0.00			
9	1	8 - 9		0.0000	3	0.00		0.0000	1	0.00			
10	1	9 - 10		0.0000	3	0.00		0.0000	1	0.00			
11	1	10 - 11		0.0000	3	0.00		0.0000	1	0.00			
12	1	11 - 12		0.0000	3	0.00		0.0000	1	0.00			
13	1	12 - 13		0.0000	3	0.00		0.0000	1	0.00			
14	1	13 - 14		0.0000	3	0.00		0.0000	1	0.00			
15	1	14 - 15		0.0000	3	0.00		0.0000	1	0.00			
16	1	15 - 16		0.0000	3	0.00		0.0000	1	0.00			
17	1	16-17		0.0000	1	0.00		0.0000	1	0.00			
18	1	17-18		0.0000	1	0.00		0.0000	1	0.00			
19	1	18-19		0.0000	1	0.00		0.0000	1	0.00			
20	1	19-20		0.0000	1	0.00		0.0000	1	0.00			
21	1	20-21		0.0000	1	0.00		0.0000	1	0.00			
22	1	21-22		0.0000	1	0.00		0.0000	1	0.00			
23	1	22-23		0.0000	1	0.00		0.0000	1	0.00			
24	1	23-24		0.0000	1	0.00		0.0000	1	0.00			
25	1	24-25		0.0000	1	0.00		0.0000	1	0.00			
26	1	25-26		0.0000	1	0.00		0.0000	1	0.00			
27	1	26-27		0.0000	1	0.00		0.0000	1	0.00			
28	1	27-28		0.0000	1	0.00		0.0000	1	0.00			
29	1	28-29		0.0000	1	0.00		0.0000	1	0.00			
30	1	29-30		0.0000	1	0.00		0.0000	1	0.00			
Total Increased Cancer Risk						**3.07**				**0.05**			

* Third trimester of pregnancy

1601 Civic Center Drive, Santa Clara, CA - Construction Impacts - Without Mitigation
Maximum DPM Cancer Risk and PM2.5 Calculations From Construction
Impacts at Off-Site MEI Location - 4.5 meter receptor height

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
CPF =	1.10E+00	1.10E+00	1.10E+00	1.10E+00
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

			Infant/Child - Exposure Information				Adult - Exposure Information						
							Modeled				Maximum		
Exposure Year	Exposure Duration (years)	Age	DPM Conc (ug/m3) Year	DPM Conc (ug/m3) Annual	Age Sensitivity Factor	Infant/Child Cancer Risk (per million)	DPM Conc (ug/m3) Year	DPM Conc (ug/m3) Annual	Age Sensitivity Factor	Adult Cancer Risk (per million)	Hazard Index	Fugitive PM2.5	Total PM2.5
0	0.25	-0.25 - 0*	2023	0.0173	10	0.23	2023	0.0173	-	-			
1	1	0 - 1	2023	0.0173	10	2.83	2023	0.0173	1	0.05	0.003	0.059	0.08
2	1	1 - 2	2024 & 2025	0.0296	10	4.85	2024 & 2025	0.0296	1	0.08	0.006	0.001	0.03
3	1	2 - 3		0.0000	3	0.00		0.0000	1	0.00			
4	1	3 - 4		0.0000	3	0.00		0.0000	1	0.00			
5	1	4 - 5		0.0000	3	0.00		0.0000	1	0.00			
6	1	5 - 6		0.0000	3	0.00		0.0000	1	0.00			
7	1	6 - 7		0.0000	3	0.00		0.0000	1	0.00			
8	1	7 - 8		0.0000	3	0.00		0.0000	1	0.00			
9	1	8 - 9		0.0000	3	0.00		0.0000	1	0.00			
10	1	9 - 10		0.0000	3	0.00		0.0000	1	0.00			
11	1	10 - 11		0.0000	3	0.00		0.0000	1	0.00			
12	1	11 - 12		0.0000	3	0.00		0.0000	1	0.00			
13	1	12 - 13		0.0000	3	0.00		0.0000	1	0.00			
14	1	13 - 14		0.0000	3	0.00		0.0000	1	0.00			
15	1	14 - 15		0.0000	3	0.00		0.0000	1	0.00			
16	1	15 - 16		0.0000	3	0.00		0.0000	1	0.00			
17	1	16-17		0.0000	1	0.00		0.0000	1	0.00			
18	1	17-18		0.0000	1	0.00		0.0000	1	0.00			
19	1	18-19		0.0000	1	0.00		0.0000	1	0.00			
20	1	19-20		0.0000	1	0.00		0.0000	1	0.00			
21	1	20-21		0.0000	1	0.00		0.0000	1	0.00			
22	1	21-22		0.0000	1	0.00		0.0000	1	0.00			
23	1	22-23		0.0000	1	0.00		0.0000	1	0.00			
24	1	23-24		0.0000	1	0.00		0.0000	1	0.00			
25	1	24-25		0.0000	1	0.00		0.0000	1	0.00			
26	1	25-26		0.0000	1	0.00		0.0000	1	0.00			
27	1	26-27		0.0000	1	0.00		0.0000	1	0.00			
28	1	27-28		0.0000	1	0.00		0.0000	1	0.00			
29	1	28-29		0.0000	1	0.00		0.0000	1	0.00			
30	1	29-30		0.0000	1	0.00		0.0000	1	0.00			
Total Increased Cancer Risk						**7.92**				**0.13**			

* Third trimester of pregnancy

1601 Civic Center Drive, Santa Clara, CA - Construction Impacts - Without Mitigation
Maximum DPM Cancer Risk and PM2.5 Calculations From Construction
Impacts at Off-Site MEI Location - 1.5 meter receptor height

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
CPF =	1.10E+00	1.10E+00	1.10E+00	1.10E+00
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

			Infant/Child - Exposure Information				Adult - Exposure Information						
							Modeled				Maximum		
Exposure Year	Exposure Duration (years)	Age	DPM Conc (ug/m3) Year	DPM Conc (ug/m3) Annual	Age Sensitivity Factor	Infant/Child Cancer Risk (per million)	DPM Conc (ug/m3) Year	DPM Conc (ug/m3) Annual	Age Sensitivity Factor	Adult Cancer Risk (per million)	Hazard Index	Fugitive PM2.5	Total PM2.5
0	0.25	-0.25 - 0*	2023	0.0516	10	0.70	2023	0.0516	-	-			
1	1	0 - 1	2023	0.0516	10	8.48	2023	0.0516	1	0.15	0.01	0.307	0.36
2	1	1 - 2	2024 & 2025	0.0884	10	14.52	2024 & 2025	0.0884	1	0.25	0.02	0.004	0.09
3	1	2 - 3		0.0000	3	0.00		0.0000	1	0.00			
4	1	3 - 4		0.0000	3	0.00		0.0000	1	0.00			
5	1	4 - 5		0.0000	3	0.00		0.0000	1	0.00			
6	1	5 - 6		0.0000	3	0.00		0.0000	1	0.00			
7	1	6 - 7		0.0000	3	0.00		0.0000	1	0.00			
8	1	7 - 8		0.0000	3	0.00		0.0000	1	0.00			
9	1	8 - 9		0.0000	3	0.00		0.0000	1	0.00			
10	1	9 - 10		0.0000	3	0.00		0.0000	1	0.00			
11	1	10 - 11		0.0000	3	0.00		0.0000	1	0.00			
12	1	11 - 12		0.0000	3	0.00		0.0000	1	0.00			
13	1	12 - 13		0.0000	3	0.00		0.0000	1	0.00			
14	1	13 - 14		0.0000	3	0.00		0.0000	1	0.00			
15	1	14 - 15		0.0000	3	0.00		0.0000	1	0.00			
16	1	15 - 16		0.0000	3	0.00		0.0000	1	0.00			
17	1	16-17		0.0000	1	0.00		0.0000	1	0.00			
18	1	17-18		0.0000	1	0.00		0.0000	1	0.00			
19	1	18-19		0.0000	1	0.00		0.0000	1	0.00			
20	1	19-20		0.0000	1	0.00		0.0000	1	0.00			
21	1	20-21		0.0000	1	0.00		0.0000	1	0.00			
22	1	21-22		0.0000	1	0.00		0.0000	1	0.00			
23	1	22-23		0.0000	1	0.00		0.0000	1	0.00			
24	1	23-24		0.0000	1	0.00		0.0000	1	0.00			
25	1	24-25		0.0000	1	0.00		0.0000	1	0.00			
26	1	25-26		0.0000	1	0.00		0.0000	1	0.00			
27	1	26-27		0.0000	1	0.00		0.0000	1	0.00			
28	1	27-28		0.0000	1	0.00		0.0000	1	0.00			
29	1	28-29		0.0000	1	0.00		0.0000	1	0.00			
30	1	29-30		0.0000	1	0.00		0.0000	1	0.00			
Total Increased Cancer Risk						**23.70**				**0.40**			

* Third trimester of pregnancy

1601 Civic Center Drive, Santa Clara, CA - Construction Impacts - With Mitigation
Maximum DPM Cancer Risk and PM2.5 Calculations From Construction
Impacts at Off-Site MEI Location - 7.6 meter receptor height

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
CPF =	1.10E+00	1.10E+00	1.10E+00	1.10E+00
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

			Infant/Child - Exposure Information				Adult - Exposure Information						
							Modeled				Maximum		
Exposure Year	Exposure Duration (years)	Age	DPM Conc (ug/m3) Year	DPM Conc (ug/m3) Annual	Age Sensitivity Factor	Infant/Child Cancer Risk (per million)	DPM Conc (ug/m3) Year	DPM Conc (ug/m3) Annual	Age Sensitivity Factor	Adult Cancer Risk (per million)	Hazard Index	Fugitive PM2.5	Total PM2.5
0	0.25	-0.25 - 0*	2023	0.0008	10	0.01	2023	0.0008	-	-			
1	1	0 - 1	2023	0.0008	10	0.13	2023	0.0008	1	0.00	0.0002	0.009	0.01
2	1	1 - 2	2024 & 2025	0.0039	10	0.63	2024 & 2025	0.0039	1	0.01	0.001	0.0003	0.004
3	1	2 - 3		0.0000	3	0.00		0.0000	1	0.00			
4	1	3 - 4		0.0000	3	0.00		0.0000	1	0.00			
5	1	4 - 5		0.0000	3	0.00		0.0000	1	0.00			
6	1	5 - 6		0.0000	3	0.00		0.0000	1	0.00			
7	1	6 - 7		0.0000	3	0.00		0.0000	1	0.00			
8	1	7 - 8		0.0000	3	0.00		0.0000	1	0.00			
9	1	8 - 9		0.0000	3	0.00		0.0000	1	0.00			
10	1	9 - 10		0.0000	3	0.00		0.0000	1	0.00			
11	1	10 - 11		0.0000	3	0.00		0.0000	1	0.00			
12	1	11 - 12		0.0000	3	0.00		0.0000	1	0.00			
13	1	12 - 13		0.0000	3	0.00		0.0000	1	0.00			
14	1	13 - 14		0.0000	3	0.00		0.0000	1	0.00			
15	1	14 - 15		0.0000	3	0.00		0.0000	1	0.00			
16	1	15 - 16		0.0000	3	0.00		0.0000	1	0.00			
17	1	16-17		0.0000	1	0.00		0.0000	1	0.00			
18	1	17-18		0.0000	1	0.00		0.0000	1	0.00			
19	1	18-19		0.0000	1	0.00		0.0000	1	0.00			
20	1	19-20		0.0000	1	0.00		0.0000	1	0.00			
21	1	20-21		0.0000	1	0.00		0.0000	1	0.00			
22	1	21-22		0.0000	1	0.00		0.0000	1	0.00			
23	1	22-23		0.0000	1	0.00		0.0000	1	0.00			
24	1	23-24		0.0000	1	0.00		0.0000	1	0.00			
25	1	24-25		0.0000	1	0.00		0.0000	1	0.00			
26	1	25-26		0.0000	1	0.00		0.0000	1	0.00			
27	1	26-27		0.0000	1	0.00		0.0000	1	0.00			
28	1	27-28		0.0000	1	0.00		0.0000	1	0.00			
29	1	28-29		0.0000	1	0.00		0.0000	1	0.00			
30	1	29-30		0.0000	1	0.00		0.0000	1	0.00			
Total Increased Cancer Risk						**0.77**				**0.01**			

* Third trimester of pregnancy

1601 Civic Center Drive, Santa Clara, CA - Construction Impacts - With Mitigation
Maximum DPM Cancer Risk and PM2.5 Calculations From Construction
Impacts at Off-Site MEI Location - 4.5 meter receptor height

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Values

	Infant/Child			Adult
Age --> / Parameter	3rd Trimester	0 - 2	2 - 16	16 - 30
ASF =	10	10	3	1
CPF =	1.10E+00	1.10E+00	1.10E+00	1.10E+00
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Exposure Year	Exposure Duration (years)	Age	Infant/Child - Exposure Information: DPM Conc (ug/m3) Year	DPM Conc (ug/m3) Annual	Age Sensitivity Factor	Infant/Child Cancer Risk (per million)	Adult - Exposure Information: Modeled DPM Conc (ug/m3) Year	DPM Conc (ug/m3) Annual	Age Sensitivity Factor	Adult Cancer Risk (per million)	Maximum Hazard Index	Maximum Fugitive PM2.5	Maximum Total PM2.5
0	0.25	-0.25 - 0*	2023	0.0021	10	0.03	2023	0.0021	-	-			
1	1	0 - 1	2023	0.0021	10	0.34	2023	0.0021	1	0.01	0.000	0.03	0.03
2	1	1 - 2	2024 & 2025	0.0100	10	1.63	2024 & 2025	0.0100	1	0.03	0.002	0.00	0.01
3	1	2 - 3		0.0000	3	0.00		0.0000	1	0.00			
4	1	3 - 4		0.0000	3	0.00		0.0000	1	0.00			
5	1	4 - 5		0.0000	3	0.00		0.0000	1	0.00			
6	1	5 - 6		0.0000	3	0.00		0.0000	1	0.00			
7	1	6 - 7		0.0000	3	0.00		0.0000	1	0.00			
8	1	7 - 8		0.0000	3	0.00		0.0000	1	0.00			
9	1	8 - 9		0.0000	3	0.00		0.0000	1	0.00			
10	1	9 - 10		0.0000	3	0.00		0.0000	1	0.00			
11	1	10 - 11		0.0000	3	0.00		0.0000	1	0.00			
12	1	11 - 12		0.0000	3	0.00		0.0000	1	0.00			
13	1	12 - 13		0.0000	3	0.00		0.0000	1	0.00			
14	1	13 - 14		0.0000	3	0.00		0.0000	1	0.00			
15	1	14 - 15		0.0000	3	0.00		0.0000	1	0.00			
16	1	15 - 16		0.0000	3	0.00		0.0000	1	0.00			
17	1	16-17		0.0000	1	0.00		0.0000	1	0.00			
18	1	17-18		0.0000	1	0.00		0.0000	1	0.00			
19	1	18-19		0.0000	1	0.00		0.0000	1	0.00			
20	1	19-20		0.0000	1	0.00		0.0000	1	0.00			
21	1	20-21		0.0000	1	0.00		0.0000	1	0.00			
22	1	21-22		0.0000	1	0.00		0.0000	1	0.00			
23	1	22-23		0.0000	1	0.00		0.0000	1	0.00			
24	1	23-24		0.0000	1	0.00		0.0000	1	0.00			
25	1	24-25		0.0000	1	0.00		0.0000	1	0.00			
26	1	25-26		0.0000	1	0.00		0.0000	1	0.00			
27	1	26-27		0.0000	1	0.00		0.0000	1	0.00			
28	1	27-28		0.0000	1	0.00		0.0000	1	0.00			
29	1	28-29		0.0000	1	0.00		0.0000	1	0.00			
30	1	29-30		0.0000	1	0.00		0.0000	1	0.00			
Total Increased Cancer Risk						**2.00**				**0.03**			

* Third trimester of pregnancy

1601 Civic Center Drive, Santa Clara, CA - Construction Impacts - With Mitigation
Maximum DPM Cancer Risk and PM2.5 Calculations From Construction
Impacts at Off-Site MEI Location - 1.5 meter receptor height

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Values

	Infant/Child			Adult
Age -->	3rd Trimester	0 - 2	2 - 16	16 - 30
Parameter				
ASF =	10	10	3	1
CPF =	1.10E+00	1.10E+00	1.10E+00	1.10E+00
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

			Infant/Child - Exposure Information				Adult - Exposure Information				Maximum		
			DPM Conc (ug/m3)		Age	Infant/Child	Modeled DPM Conc (ug/m3)		Age	Adult			
Exposure Year	Exposure Duration (years)	Age	Year	Annual	Sensitivity Factor	Cancer Risk (per million)	Year	Annual	Sensitivity Factor	Cancer Risk (per million)	Hazard Index	Fugitive PM2.5	Total PM2.5
0	0.25	-0.25 - 0*	2023	0.0062	10	0.08	2023	0.0062	-	-			
1	1	0 - 1	2023	0.0062	10	1.02	2023	0.0062	1	0.02	0.001	0.14	0.15
2	1	1 - 2	2024 & 2025	0.0298	10	4.89	2024 & 2025	0.0298	1	0.09	0.006	0.004	0.03
3	1	2 - 3		0.0000	3	0.00		0.0000	1	0.00			
4	1	3 - 4		0.0000	3	0.00		0.0000	1	0.00			
5	1	4 - 5		0.0000	3	0.00		0.0000	1	0.00			
6	1	5 - 6		0.0000	3	0.00		0.0000	1	0.00			
7	1	6 - 7		0.0000	3	0.00		0.0000	1	0.00			
8	1	7 - 8		0.0000	3	0.00		0.0000	1	0.00			
9	1	8 - 9		0.0000	3	0.00		0.0000	1	0.00			
10	1	9 - 10		0.0000	3	0.00		0.0000	1	0.00			
11	1	10 - 11		0.0000	3	0.00		0.0000	1	0.00			
12	1	11 - 12		0.0000	3	0.00		0.0000	1	0.00			
13	1	12 - 13		0.0000	3	0.00		0.0000	1	0.00			
14	1	13 - 14		0.0000	3	0.00		0.0000	1	0.00			
15	1	14 - 15		0.0000	3	0.00		0.0000	1	0.00			
16	1	15 - 16		0.0000	3	0.00		0.0000	1	0.00			
17	1	16-17		0.0000	1	0.00		0.0000	1	0.00			
18	1	17-18		0.0000	1	0.00		0.0000	1	0.00			
19	1	18-19		0.0000	1	0.00		0.0000	1	0.00			
20	1	19-20		0.0000	1	0.00		0.0000	1	0.00			
21	1	20-21		0.0000	1	0.00		0.0000	1	0.00			
22	1	21-22		0.0000	1	0.00		0.0000	1	0.00			
23	1	22-23		0.0000	1	0.00		0.0000	1	0.00			
24	1	23-24		0.0000	1	0.00		0.0000	1	0.00			
25	1	24-25		0.0000	1	0.00		0.0000	1	0.00			
26	1	25-26		0.0000	1	0.00		0.0000	1	0.00			
27	1	26-27		0.0000	1	0.00		0.0000	1	0.00			
28	1	27-28		0.0000	1	0.00		0.0000	1	0.00			
29	1	28-29		0.0000	1	0.00		0.0000	1	0.00			
30	1	29-30		0.0000	1	0.00		0.0000	1	0.00			
Total Increased Cancer Risk						**5.99**				**0.10**			

* Third trimester of pregnancy

Attachment 5: Community Risk Modeling Information and Calculations

Roadways Emission Factors 2023 and 2026

```
          File Name:   El Camion Real 2023.EF
CT-EMFAC2017 Version:   1.0.2.27401
            Run Date:   11/22/2021 10:05:53 AM
                Area:   Santa Clara (SF)
       Analysis Year:   2023
              Season:   Annual

======================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.015                   0.487                   0.513
         Truck 2             0.020                   0.938                   0.047
       Non-Truck             0.965                   0.014                   0.958

======================================================================

              Road Type:       Major/Collector
     Silt Loading Factor:                  CARB        0.032 g/m2
Precipitation Correction:                  CARB        P = 64 days     N = 365 days

======================================================================

Fleet Average Running Exhaust Emission Factors (grams/veh-mile)

       Pollutant Name        35 mph
                PM2.5      0.001511
                  TOG      0.030861
           Diesel PM       0.000350

======================================================================

Fleet Average Running Loss Emission Factors (grams/veh-hour)

       Pollutant Name   Emission Factor
                  TOG          1.357610

======================================================================

Fleet Average Tire Wear Factors (grams/veh-mile)

       Pollutant Name   Emission Factor
                PM2.5          0.002108

======================================================================

Fleet Average Brake Wear Factors (grams/veh-mile)

       Pollutant Name   Emission Factor
                PM2.5          0.016808

======================================================================

Fleet Average Road Dust Factors (grams/veh-mile)

       Pollutant Name   Emission Factor
                PM2.5          0.014855

============================END=======================================
```

```
          File Name:   El Camion Real 2026.EF
CT-EMFAC2017 Version:   1.0.2.27401
            Run Date:   11/22/2021 10:06:51 AM
                Area:   Santa Clara (SF)
       Analysis Year:   2026
              Season:   Annual

======================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.015                   0.508                   0.492
         Truck 2             0.020                   0.935                   0.049
       Non-Truck             0.965                   0.015                   0.949

======================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:                  CARB         0.032 g/m2
Precipitation Correction:                  CARB         P = 64 days     N = 365 days

======================================================================

Fleet Average Running Exhaust Emission Factors (grams/veh-mile)

       Pollutant Name        35 mph
                PM2.5      0.001341
                  TOG      0.026106
            Diesel PM      0.000317

======================================================================

Fleet Average Running Loss Emission Factors (grams/veh-hour)

       Pollutant Name   Emission Factor
                  TOG         1.210741

======================================================================

Fleet Average Tire Wear Factors (grams/veh-mile)

       Pollutant Name   Emission Factor
                PM2.5         0.002109

======================================================================

Fleet Average Brake Wear Factors (grams/veh-mile)

       Pollutant Name   Emission Factor
                PM2.5         0.016799

======================================================================

Fleet Average Road Dust Factors (grams/veh-mile)

       Pollutant Name   Emission Factor
                PM2.5         0.014818

============================END=======================================
```

1601 Civic Center, Santa Clara, CA - Off-Site Residential
Cumulative Operation - El Camino Real
DPM Modeling - Roadway Links, Traffic Volumes, and DPM Emissions
Year = **2023**

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
DPM_EB_ECR	El Camion Real Eastbound	EB	3	651.0	0.40	17.0	55.7	3.4	35	13,200
DPM_WB_ECR	El Camino Real Westbound	WB	3	669.3	0.42	17.0	55.7	3.4	35	13,200
									Total	26,400

Emission Factors

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle (g/VMT)	0.00035			

Emisson Factors from CT-EMFAC2017

2023 Hourly Traffic Volumes and DPM Emissions - DPM_EB_ECR

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	3.91%	516	2.03E-05	9	6.50%	858	3.37E-05	17	5.58%	736	2.90E-05
2	2.59%	342	1.34E-05	10	7.36%	972	3.82E-05	18	3.28%	433	1.70E-05
3	2.88%	380	1.49E-05	11	6.33%	835	3.28E-05	19	2.36%	311	1.22E-05
4	3.34%	440	1.73E-05	12	6.84%	903	3.55E-05	20	0.92%	121	4.78E-06
5	2.19%	288	1.13E-05	13	6.15%	812	3.19E-05	21	2.99%	395	1.55E-05
6	3.39%	448	1.76E-05	14	6.15%	812	3.19E-05	22	4.14%	547	2.15E-05
7	5.98%	789	3.10E-05	15	5.23%	691	2.72E-05	23	2.47%	326	1.28E-05
8	4.66%	615	2.42E-05	16	3.91%	516	2.03E-05	24	0.86%	114	4.48E-06
								Total		13,200	

2023 Hourly Traffic Volumes Per Direction and DPM Emissions - DPM_WB_ECR

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	3.91%	516	2.09E-05	9	6.50%	858	3.47E-05	17	5.58%	736	2.98E-05
2	2.59%	342	1.38E-05	10	7.36%	972	3.93E-05	18	3.28%	433	1.75E-05
3	2.88%	380	1.53E-05	11	6.33%	835	3.38E-05	19	2.36%	311	1.26E-05
4	3.34%	440	1.78E-05	12	6.84%	903	3.65E-05	20	0.92%	121	4.91E-06
5	2.19%	288	1.17E-05	13	6.15%	812	3.28E-05	21	2.99%	395	1.60E-05
6	3.39%	448	1.81E-05	14	6.15%	812	3.28E-05	22	4.14%	547	2.21E-05
7	5.98%	789	3.19E-05	15	5.23%	691	2.79E-05	23	2.47%	326	1.32E-05
8	4.66%	615	2.49E-05	16	3.91%	516	2.09E-05	24	0.86%	114	4.60E-06
								Total		13,200	

1601 Civic Center, Santa Clara, CA - Off-Site Residential
Cumulative Operation - El Camino Real
PM2.5 Modeling - Roadway Links, Traffic Volumes, and PM2.5 Emissions
Year = 2023

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
PM2.5_EB_ECR	El Camion Real Eastbound	EB	3	651.0	0.40	17.0	56	1.3	35	13,200
PM2.5_WB_ECR	El Camino Real Westbound	WB	3	669.3	0.42	17.0	56	1.3	35	13,200
									Total	26,400

Emission Factors - PM2.5

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle (g/VMT)	0.001511			

Emisson Factors from CT-EMFAC2017

2023 Hourly Traffic Volumes and PM2.5 Emissions - PM2.5_EB_ECR

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	152	2.58E-05	9	7.11%	939	1.59E-04	17	7.38%	975	1.65E-04
2	0.42%	55	9.36E-06	10	4.39%	580	9.84E-05	18	8.17%	1079	1.83E-04
3	0.41%	54	9.14E-06	11	4.66%	616	1.05E-04	19	5.70%	752	1.28E-04
4	0.26%	35	5.90E-06	12	5.89%	777	1.32E-04	20	4.27%	564	9.58E-05
5	0.50%	66	1.12E-05	13	6.15%	812	1.38E-04	21	3.26%	430	7.30E-05
6	0.90%	119	2.03E-05	14	6.04%	797	1.35E-04	22	3.30%	435	7.39E-05
7	3.79%	501	8.50E-05	15	7.01%	926	1.57E-04	23	2.46%	325	5.51E-05
8	7.76%	1025	1.74E-04	16	7.14%	942	1.60E-04	24	1.86%	246	4.18E-05
								Total		13,200	

2023 Hourly Traffic Volumes Per Direction and PM2.5 Emissions - PM2.5_WB_ECR

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	152	2.65E-05	9	7.11%	939	1.64E-04	17	7.38%	975	1.70E-04
2	0.42%	55	9.62E-06	10	4.39%	580	1.01E-04	18	8.17%	1079	1.88E-04
3	0.41%	54	9.39E-06	11	4.66%	616	1.07E-04	19	5.70%	752	1.31E-04
4	0.26%	35	6.06E-06	12	5.89%	777	1.36E-04	20	4.27%	564	9.85E-05
5	0.50%	66	1.15E-05	13	6.15%	812	1.42E-04	21	3.26%	430	7.51E-05
6	0.90%	119	2.08E-05	14	6.04%	797	1.39E-04	22	3.30%	435	7.60E-05
7	3.79%	501	8.74E-05	15	7.01%	926	1.62E-04	23	2.46%	325	5.67E-05
8	7.76%	1025	1.79E-04	16	7.14%	942	1.64E-04	24	1.86%	246	4.29E-05
								Total		13,200	

1601 Civic Center, Santa Clara, CA - Off-Site Residential
Cumulative Operation - El Camino Real
TOG Exhaust Modeling - Roadway Links, Traffic Volumes, and TOG Exhaust Emissions
Year = 2023

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
TEXH_EB_ECR	El Camion Real Eastbound	EB	3	651.0	0.40	17.0	56	1.3	35	13,200
TEXH_WB_ECR	El Camino Real Westbound	WB	3	669.3	0.42	17.0	56	1.3	35	13,200
									Total	26,400

Emission Factors - TOG Exhaust

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle (g/VMT)	0.03086			

Emisson Factors from CT-EMFAC2017

2023 Hourly Traffic Volumes and TOG Exhaust Emissions - TEXH_EB_ECR

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	152	5.27E-04	9	7.11%	939	3.26E-03	17	7.38%	975	3.38E-03
2	0.42%	55	1.91E-04	10	4.39%	580	2.01E-03	18	8.17%	1079	3.74E-03
3	0.41%	54	1.87E-04	11	4.66%	616	2.13E-03	19	5.70%	752	2.61E-03
4	0.26%	35	1.20E-04	12	5.89%	777	2.70E-03	20	4.27%	564	1.96E-03
5	0.50%	66	2.29E-04	13	6.15%	812	2.82E-03	21	3.26%	430	1.49E-03
6	0.90%	119	4.14E-04	14	6.04%	797	2.76E-03	22	3.30%	435	1.51E-03
7	3.79%	501	1.74E-03	15	7.01%	926	3.21E-03	23	2.46%	325	1.13E-03
8	7.76%	1025	3.55E-03	16	7.14%	942	3.27E-03	24	1.86%	246	8.53E-04
								Total		13,200	

2023 Hourly Traffic Volumes Per Direction and TOG Exhaust Emissions - TEXH_WB_ECR

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	152	5.42E-04	9	7.11%	939	3.35E-03	17	7.38%	975	3.48E-03
2	0.42%	55	1.96E-04	10	4.39%	580	2.07E-03	18	8.17%	1079	3.85E-03
3	0.41%	54	1.92E-04	11	4.66%	616	2.19E-03	19	5.70%	752	2.68E-03
4	0.26%	35	1.24E-04	12	5.89%	777	2.77E-03	20	4.27%	564	2.01E-03
5	0.50%	66	2.36E-04	13	6.15%	812	2.90E-03	21	3.26%	430	1.53E-03
6	0.90%	119	4.26E-04	14	6.04%	797	2.84E-03	22	3.30%	435	1.55E-03
7	3.79%	501	1.79E-03	15	7.01%	926	3.30E-03	23	2.46%	325	1.16E-03
8	7.76%	1025	3.65E-03	16	7.14%	942	3.36E-03	24	1.86%	246	8.77E-04
								Total		13,200	

1601 Civic Center, Santa Clara, CA - Off-Site Residential
Cumulative Operation - El Camino Real
TOG Evaporative Emissions Modeling - Roadway Links, Traffic Volumes, and TOG Evaporative Emissions
Year = 2023

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
TEVAP_EB_ECR	El Camion Real Eastbound	EB	3	651.0	0.40	17.0	56	1.3	35	13,200
TEVAP_WB_ECR	El Camino Real Westbound	WB	3	669.3	0.42	17.0	56	1.3	35	13,200
									Total	26,400

Emission Factors - PM2.5 - Evaporative TOG

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle per Hour (g/hour)	1.35761			
Emissions per Vehicle per Mile (g/VMT)	0.03879			

Emisson Factors from CT-EMFAC2017

2023 Hourly Traffic Volumes and TOG Evaporative Emissions - TEVAP_EB_ECR

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	152	6.63E-04	9	7.11%	939	4.09E-03	17	7.38%	975	4.25E-03
2	0.42%	55	2.40E-04	10	4.39%	580	2.53E-03	18	8.17%	1079	4.70E-03
3	0.41%	54	2.35E-04	11	4.66%	616	2.68E-03	19	5.70%	752	3.28E-03
4	0.26%	35	1.51E-04	12	5.89%	777	3.39E-03	20	4.27%	564	2.46E-03
5	0.50%	66	2.88E-04	13	6.15%	812	3.54E-03	21	3.26%	430	1.87E-03
6	0.90%	119	5.20E-04	14	6.04%	797	3.47E-03	22	3.30%	435	1.90E-03
7	3.79%	501	2.18E-03	15	7.01%	926	4.03E-03	23	2.46%	325	1.42E-03
8	7.76%	1025	4.47E-03	16	7.14%	942	4.10E-03	24	1.86%	246	1.07E-03
								Total		13,200	

2023 Hourly Traffic Volumes Per Direction and TOG Evaporative Emissions - TEVAP_WB_ECR

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	152	6.81E-04	9	7.11%	939	4.21E-03	17	7.38%	975	4.37E-03
2	0.42%	55	2.47E-04	10	4.39%	580	2.60E-03	18	8.17%	1079	4.83E-03
3	0.41%	54	2.41E-04	11	4.66%	616	2.76E-03	19	5.70%	752	3.37E-03
4	0.26%	35	1.56E-04	12	5.89%	777	3.48E-03	20	4.27%	564	2.53E-03
5	0.50%	66	2.96E-04	13	6.15%	812	3.64E-03	21	3.26%	430	1.93E-03
6	0.90%	119	5.35E-04	14	6.04%	797	3.57E-03	22	3.30%	435	1.95E-03
7	3.79%	501	2.24E-03	15	7.01%	926	4.15E-03	23	2.46%	325	1.45E-03
8	7.76%	1025	4.59E-03	16	7.14%	942	4.22E-03	24	1.86%	246	1.10E-03
								Total		13,200	

1601 Civic Center, Santa Clara, CA - Off-Site Residential
Cumulative Operation - El Camino Real
Fugitive Road PM2.5 Modeling - Roadway Links, Traffic Volumes, and Fugitive Road PM2.5 Emissions
Year = 2023

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
FUG_EB_ECR	El Camion Real Eastbound	EB	3	651.0	0.40	17.0	56	1.3	35	13,200
FUG_WB_ECR	El Camino Real Westbound	WB	3	669.3	0.42	17.0	56	1.3	35	13,200
									Total	26,400

Emission Factors - Fugitive PM2.5

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Tire Wear - Emissions per Vehicle (g/VMT)	0.00211			
Brake Wear - Emissions per Vehicle (g/VMT)	0.01681			
Road Dust - Emissions per Vehicle (g/VMT)	0.01486			
otal Fugitive PM2.5 - Emissions per Vehicle (g/VMT)	0.03377			

Emisson Factors from CT-EMFAC2017

2023 Hourly Traffic Volumes and Fugitive PM2.5 Emissions - FUG_EB_ECR

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	152	5.77E-04	9	7.11%	939	3.56E-03	17	7.38%	975	3.70E-03
2	0.42%	55	2.09E-04	10	4.39%	580	2.20E-03	18	8.17%	1079	4.09E-03
3	0.41%	54	2.04E-04	11	4.66%	616	2.34E-03	19	5.70%	752	2.85E-03
4	0.26%	35	1.32E-04	12	5.89%	777	2.95E-03	20	4.27%	564	2.14E-03
5	0.50%	66	2.51E-04	13	6.15%	812	3.08E-03	21	3.26%	430	1.63E-03
6	0.90%	119	4.53E-04	14	6.04%	797	3.02E-03	22	3.30%	435	1.65E-03
7	3.79%	501	1.90E-03	15	7.01%	926	3.51E-03	23	2.46%	325	1.23E-03
8	7.76%	1025	3.89E-03	16	7.14%	942	3.57E-03	24	1.86%	246	9.34E-04
								Total		13,200	

2023 Hourly Traffic Volumes Per Direction and Fugitive PM2.5 Emissions - FUG_WB_ECR

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	152	5.93E-04	9	7.11%	939	3.66E-03	17	7.38%	975	3.80E-03
2	0.42%	55	2.15E-04	10	4.39%	580	2.26E-03	18	8.17%	1079	4.21E-03
3	0.41%	54	2.10E-04	11	4.66%	616	2.40E-03	19	5.70%	752	2.93E-03
4	0.26%	35	1.36E-04	12	5.89%	777	3.03E-03	20	4.27%	564	2.20E-03
5	0.50%	66	2.58E-04	13	6.15%	812	3.17E-03	21	3.26%	430	1.68E-03
6	0.90%	119	4.66E-04	14	6.04%	797	3.11E-03	22	3.30%	435	1.70E-03
7	3.79%	501	1.95E-03	15	7.01%	926	3.61E-03	23	2.46%	325	1.27E-03
8	7.76%	1025	4.00E-03	16	7.14%	942	3.67E-03	24	1.86%	246	9.60E-04
								Total		13,200	

1601 Civic Center Drive, Santa Clara, CA - Off-Site Residential
Cumulative Operation - Scott Boulevard
DPM Modeling - Roadway Links, Traffic Volumes, and DPM Emissions
Year = 2023

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
DPM_NB_SCT	Scott Boulevard Northbound	NB	2	381.5	0.24	13.3	43.7	3.4	35	10,881
DPM_SB_SCT	Scott Boulevard Southbound	SB	2	340.1	0.21	13.3	43.7	3.4	35	10,881
									Total	21,762

Emission Factors

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle (g/VMT)	0.00035			

Emisson Factors from CT-EMFAC2017

2023 Hourly Traffic Volumes and DPM Emissions - DPM_NB_SCT

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	3.91%	425	9.81E-06	9	6.50%	707	1.63E-05	17	5.58%	607	1.40E-05
2	2.59%	282	6.49E-06	10	7.36%	801	1.85E-05	18	3.28%	357	8.22E-06
3	2.88%	313	7.21E-06	11	6.33%	688	1.59E-05	19	2.36%	257	5.91E-06
4	3.34%	363	8.36E-06	12	6.84%	745	1.72E-05	20	0.92%	100	2.31E-06
5	2.19%	238	5.48E-06	13	6.15%	670	1.54E-05	21	2.99%	325	7.50E-06
6	3.39%	369	8.51E-06	14	6.15%	670	1.54E-05	22	4.14%	451	1.04E-05
7	5.98%	651	1.50E-05	15	5.23%	569	1.31E-05	23	2.47%	269	6.20E-06
8	4.66%	507	1.17E-05	16	3.91%	425	9.81E-06	24	0.86%	94	2.16E-06
								Total		10,881	

2023 Hourly Traffic Volumes Per Direction and DPM Emissions - DPM_SB_SCT

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	3.91%	425	8.74E-06	9	6.50%	707	1.45E-05	17	5.58%	607	1.25E-05
2	2.59%	282	5.79E-06	10	7.36%	801	1.65E-05	18	3.28%	357	7.33E-06
3	2.88%	313	6.43E-06	11	6.33%	688	1.41E-05	19	2.36%	257	5.27E-06
4	3.34%	363	7.46E-06	12	6.84%	745	1.53E-05	20	0.92%	100	2.06E-06
5	2.19%	238	4.89E-06	13	6.15%	670	1.38E-05	21	2.99%	325	6.68E-06
6	3.39%	369	7.58E-06	14	6.15%	670	1.38E-05	22	4.14%	451	9.26E-06
7	5.98%	651	1.34E-05	15	5.23%	569	1.17E-05	23	2.47%	269	5.53E-06
8	4.66%	507	1.04E-05	16	3.91%	425	8.74E-06	24	0.86%	94	1.93E-06
								Total		10,881	

1601 Civic Center Drive, Santa Clara, CA - Off-Site Residential
Cumulative Operation - Scott Boulevard
PM2.5 Modeling - Roadway Links, Traffic Volumes, and PM2.5 Emissions
Year = 2023

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
PM2.5_NB_SCT	Scott Boulevard Northbound	NB	2	381.5	0.24	13.3	44	1.3	35	10,881
PM2.5_SB_SCT	Scott Boulevard Southbound	SB	2	340.1	0.21	13.3	44	1.3	35	10,881
									Total	21,762

Emission Factors - PM2.5

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle (g/VMT)	0.001511			

Emisson Factors from CT-EMFAC2017

2023 Hourly Traffic Volumes and PM2.5 Emissions - PM2.5_NB_SCT

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	125	1.25E-05	9	7.11%	774	7.70E-05	17	7.38%	804	7.99E-05
2	0.42%	45	4.52E-06	10	4.39%	478	4.76E-05	18	8.17%	889	8.85E-05
3	0.41%	44	4.41E-06	11	4.66%	507	5.05E-05	19	5.70%	620	6.17E-05
4	0.26%	29	2.85E-06	12	5.89%	641	6.38E-05	20	4.27%	465	4.63E-05
5	0.50%	54	5.42E-06	13	6.15%	669	6.66E-05	21	3.26%	355	3.53E-05
6	0.90%	98	9.79E-06	14	6.04%	657	6.54E-05	22	3.30%	359	3.57E-05
7	3.79%	413	4.11E-05	15	7.01%	763	7.59E-05	23	2.46%	268	2.66E-05
8	7.76%	845	8.40E-05	16	7.14%	776	7.72E-05	24	1.86%	203	2.02E-05
								Total		10,881	

2023 Hourly Traffic Volumes Per Direction and PM2.5 Emissions - PM2.5_SB_SCT

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	125	1.11E-05	9	7.11%	774	6.86E-05	17	7.38%	804	7.13E-05
2	0.42%	45	4.03E-06	10	4.39%	478	4.24E-05	18	8.17%	889	7.89E-05
3	0.41%	44	3.93E-06	11	4.66%	507	4.50E-05	19	5.70%	620	5.50E-05
4	0.26%	29	2.54E-06	12	5.89%	641	5.68E-05	20	4.27%	465	4.12E-05
5	0.50%	54	4.83E-06	13	6.15%	669	5.94E-05	21	3.26%	355	3.15E-05
6	0.90%	98	8.73E-06	14	6.04%	657	5.83E-05	22	3.30%	359	3.18E-05
7	3.79%	413	3.66E-05	15	7.01%	763	6.77E-05	23	2.46%	268	2.37E-05
8	7.76%	845	7.49E-05	16	7.14%	776	6.89E-05	24	1.86%	203	1.80E-05
								Total		10,881	

1601 Civic Center Drive, Santa Clara, CA - Off-Site Residential
Cumulative Operation - Scott Boulevard
TOG Exhaust Modeling - Roadway Links, Traffic Volumes, and TOG Exhaust Emissions
Year = 2023

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
TEXH_NB_SCT	Scott Boulevard Northbound	NB	2	381.5	0.24	13.3	44	1.3	35	10,881
TEXH_SB_SCT	Scott Boulevard Southbound	SB	2	340.1	0.21	13.3	44	1.3	35	10,881
									Total	21,762

Emission Factors - TOG Exhaust

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle (g/VMT)	0.03086			

Emisson Factors from CT-EMFAC2017

2023 Hourly Traffic Volumes and TOG Exhaust Emissions - TEXH_NB_SCT

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	125	2.55E-04	9	7.11%	774	1.57E-03	17	7.38%	804	1.63E-03
2	0.42%	45	9.23E-05	10	4.39%	478	9.71E-04	18	8.17%	889	1.81E-03
3	0.41%	44	9.01E-05	11	4.66%	507	1.03E-03	19	5.70%	620	1.26E-03
4	0.26%	29	5.82E-05	12	5.89%	641	1.30E-03	20	4.27%	465	9.45E-04
5	0.50%	54	1.11E-04	13	6.15%	669	1.36E-03	21	3.26%	355	7.21E-04
6	0.90%	98	2.00E-04	14	6.04%	657	1.33E-03	22	3.30%	359	7.29E-04
7	3.79%	413	8.39E-04	15	7.01%	763	1.55E-03	23	2.46%	268	5.44E-04
8	7.76%	845	1.72E-03	16	7.14%	776	1.58E-03	24	1.86%	203	4.12E-04
								Total		10,881	

2023 Hourly Traffic Volumes Per Direction and TOG Exhaust Emissions - TEXH_SB_SCT

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	125	2.27E-04	9	7.11%	774	1.40E-03	17	7.38%	804	1.46E-03
2	0.42%	45	8.23E-05	10	4.39%	478	8.66E-04	18	8.17%	889	1.61E-03
3	0.41%	44	8.03E-05	11	4.66%	507	9.19E-04	19	5.70%	620	1.12E-03
4	0.26%	29	5.19E-05	12	5.89%	641	1.16E-03	20	4.27%	465	8.42E-04
5	0.50%	54	9.87E-05	13	6.15%	669	1.21E-03	21	3.26%	355	6.42E-04
6	0.90%	98	1.78E-04	14	6.04%	657	1.19E-03	22	3.30%	359	6.50E-04
7	3.79%	413	7.48E-04	15	7.01%	763	1.38E-03	23	2.46%	268	4.85E-04
8	7.76%	845	1.53E-03	16	7.14%	776	1.41E-03	24	1.86%	203	3.67E-04
								Total		10,881	

1601 Civic Center Drive, Santa Clara, CA - Off-Site Residential
Cumulative Operation - Scott Boulevard
TOG Evaporative Emissions Modeling - Roadway Links, Traffic Volumes, and TOG Evaporative Emissions
Year = 2023

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
TEVAP_NB_SCT	Scott Boulevard Northbound	NB	2	381.5	0.24	13.3	44	1.3	35	10,881
TEVAP_SB_SCT	Scott Boulevard Southbound	SB	2	340.1	0.21	13.3	44	1.3	35	10,881
									Total	21,762

Emission Factors - PM2.5 - Evaporative TOG

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle per Hour (g/hour)	1.35761			
Emissions per Vehicle per Mile (g/VMT)	0.03879			

Emisson Factors from CT-EMFAC2017

2023 Hourly Traffic Volumes and TOG Evaporative Emissions - TEVAP_NB_SCT

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	125	3.20E-04	9	7.11%	774	1.98E-03	17	7.38%	804	2.05E-03
2	0.42%	45	1.16E-04	10	4.39%	478	1.22E-03	18	8.17%	889	2.27E-03
3	0.41%	44	1.13E-04	11	4.66%	507	1.30E-03	19	5.70%	620	1.58E-03
4	0.26%	29	7.31E-05	12	5.89%	641	1.64E-03	20	4.27%	465	1.19E-03
5	0.50%	54	1.39E-04	13	6.15%	669	1.71E-03	21	3.26%	355	9.06E-04
6	0.90%	98	2.51E-04	14	6.04%	657	1.68E-03	22	3.30%	359	9.17E-04
7	3.79%	413	1.05E-03	15	7.01%	763	1.95E-03	23	2.46%	268	6.84E-04
8	7.76%	845	2.16E-03	16	7.14%	776	1.98E-03	24	1.86%	203	5.18E-04
								Total		10,881	

2023 Hourly Traffic Volumes Per Direction and TOG Evaporative Emissions - TEVAP_SB_SCT

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	125	2.85E-04	9	7.11%	774	1.76E-03	17	7.38%	804	1.83E-03
2	0.42%	45	1.03E-04	10	4.39%	478	1.09E-03	18	8.17%	889	2.02E-03
3	0.41%	44	1.01E-04	11	4.66%	507	1.16E-03	19	5.70%	620	1.41E-03
4	0.26%	29	6.52E-05	12	5.89%	641	1.46E-03	20	4.27%	465	1.06E-03
5	0.50%	54	1.24E-04	13	6.15%	669	1.52E-03	21	3.26%	355	8.07E-04
6	0.90%	98	2.24E-04	14	6.04%	657	1.50E-03	22	3.30%	359	8.17E-04
7	3.79%	413	9.40E-04	15	7.01%	763	1.74E-03	23	2.46%	268	6.09E-04
8	7.76%	845	1.92E-03	16	7.14%	776	1.77E-03	24	1.86%	203	4.62E-04
								Total		10,881	

1601 Civic Center Drive, Santa Clara, CA - Off-Site Residential
Cumulative Operation - Scott Boulevard
Fugitive Road PM2.5 Modeling - Roadway Links, Traffic Volumes, and Fugitive Road PM2.5 Emissions
Year = **2023**

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
FUG_NB_SCT	Scott Boulevard Northbound	NB	2	381.5	0.24	13.3	44	1.3	35	10,881
FUG_SB_SCT	Scott Boulevard Southbound	SB	2	340.1	0.21	13.3	44	1.3	35	10,881
									Total	21,762

Emission Factors - Fugitive PM2.5

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Tire Wear - Emissions per Vehicle (g/VMT)	0.00211			
Brake Wear - Emissions per Vehicle (g/VMT)	0.01681			
Road Dust - Emissions per Vehicle (g/VMT)	0.01486			
otal Fugitive PM2.5 - Emissions per Vehicle (g/VMT)	0.03377			

Emisson Factors from CT-EMFAC2017

2023 Hourly Traffic Volumes and Fugitive PM2.5 Emissions - FUG_NB_SCT

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	125	2.79E-04	9	7.11%	774	1.72E-03	17	7.38%	804	1.79E-03
2	0.42%	45	1.01E-04	10	4.39%	478	1.06E-03	18	8.17%	889	1.98E-03
3	0.41%	44	9.86E-05	11	4.66%	507	1.13E-03	19	5.70%	620	1.38E-03
4	0.26%	29	6.37E-05	12	5.89%	641	1.42E-03	20	4.27%	465	1.03E-03
5	0.50%	54	1.21E-04	13	6.15%	669	1.49E-03	21	3.26%	355	7.89E-04
6	0.90%	98	2.19E-04	14	6.04%	657	1.46E-03	22	3.30%	359	7.98E-04
7	3.79%	413	9.18E-04	15	7.01%	763	1.70E-03	23	2.46%	268	5.95E-04
8	7.76%	845	1.88E-03	16	7.14%	776	1.73E-03	24	1.86%	203	4.51E-04
								Total		10,881	

2023 Hourly Traffic Volumes Per Direction and Fugitive PM2.5 Emissions - FUG_SB_SCT

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	125	2.48E-04	9	7.11%	774	1.53E-03	17	7.38%	804	1.59E-03
2	0.42%	45	9.01E-05	10	4.39%	478	9.48E-04	18	8.17%	889	1.76E-03
3	0.41%	44	8.79E-05	11	4.66%	507	1.01E-03	19	5.70%	620	1.23E-03
4	0.26%	29	5.68E-05	12	5.89%	641	1.27E-03	20	4.27%	465	9.22E-04
5	0.50%	54	1.08E-04	13	6.15%	669	1.33E-03	21	3.26%	355	7.03E-04
6	0.90%	98	1.95E-04	14	6.04%	657	1.30E-03	22	3.30%	359	7.12E-04
7	3.79%	413	8.18E-04	15	7.01%	763	1.51E-03	23	2.46%	268	5.31E-04
8	7.76%	845	1.67E-03	16	7.14%	776	1.54E-03	24	1.86%	203	4.02E-04
								Total		10,881	

1601 Civic Center Dr, Santa Clara, CA - El Camino Real Traffic - TACs & PM2.5
AERMOD Risk Modeling Parameters and Maximum Concentrations
at Construction Residential MEI Receptors (2 Locations - 1.5 meter receptor height)

Emission Year	2023
Receptor Information	Construction Residential MEI receptor
Number of Receptors	2
Receptor Height	1.5 Meters
Receptor Distances	At Construction Residential MEI locations

Meteorological Conditions

BAAQMD San Jose International Airport Met Da	2013-2017
Land Use Classification	Urban
Wind Speed	Variable
Wind Direction	Variable

Construction Residential MEI Cancer Risk Maximum Concentrations

Meteorological Data Years	Concentration (µg/m3)*		
	DPM	Exhaust TOG	Evaporative TOG
2013-2017	0.0006	0.0401	0.0503

Construction Residential MEI PM2.5 Maximum Concentrations

Meteorological Data Years	PM2.5 Concentration (µg/m3)*		
	Total PM2.5	Fugitive PM2.5	Vehicle PM2.5
2013-2017	0.0498	0.0477	0.0021

1601 Civic Center Dr, Santa Clara, CA - Scott Boulevard Traffic - TACs & PM2.5
AERMOD Risk Modeling Parameters and Maximum Concentrations
at Construction Residential MEI Receptors (2 Locations - 1.5 meter receptor height)

Emission Year	2023
Receptor Information	Construction Residential MEI receptor
Number of Receptors	2
Receptor Height	1.5 Meters
Receptor Distances	At Construction Residential MEI locations

Meteorological Conditions

BAAQMD San Jose International Airport Met Da	2013-2017
Land Use Classification	Urban
Wind Speed	Variable
Wind Direction	Variable

Construction Residential MEI Cancer Risk Maximum Concentrations

Meteorological Data Years	Concentration (µg/m3)*		
	DPM	Exhaust TOG	Evaporative TOG
2013-2017	0.0002	0.0222	0.0280

Construction Residential MEI PM2.5 Maximum Concentrations

Meteorological Data Years	PM2.5 Concentration (µg/m3)*		
	Total PM2.5	Fugitive PM2.5	Vehicle PM2.5
2013-2017	0.0269	0.0258	0.0012

1601 Civic Center Dr, Santa Clara, CA - El Camino Real Traffic Cancer Risk
Impacts at Construction Residential MEI - 1.5 meter receptor height
30 Year Residential Exposure

Cancer Risk Calculation Method

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air $(\mu g/m^3)$
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Cancer Potency Factors $(mg/kg\text{-}day)^{-1}$

TAC	CPF
DPM	1.10E+00
Vehicle TOG Exhaust	6.28E-03
Vehicle TOG Evaporative	3.70E-04

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Maximum - Exposure Information					Concentration (ug/m3)			Cancer Risk (per million)			TOTAL
Exposure Year	Exposure Duration (years)	Age	Year	Age Sensitivity Factor	DPM	Exhaust TOG	Evaporative TOG	DPM	Exhaust TOG	Evaporative TOG	
0	0.25	-0.25 - 0*	2022	10	0.0006	0.0401	0.0503	0.009	0.003	0.0002	0.01
1	1	0 - 1	2022	10	0.0006	0.0401	0.0503	0.103	0.038	0.0028	0.14
2	1	1 - 2	2023	10	0.0006	0.0401	0.0503	0.103	0.038	0.0028	0.14
3	1	2 - 3	2024	3	0.0006	0.0401	0.0503	0.016	0.006	0.0004	0.02
4	1	3 - 4	2025	3	0.0006	0.0401	0.0503	0.016	0.006	0.0004	0.02
5	1	4 - 5	2026	3	0.0006	0.0401	0.0503	0.016	0.006	0.0004	0.02
6	1	5 - 6	2027	3	0.0006	0.0401	0.0503	0.016	0.006	0.0004	0.02
7	1	6 - 7	2028	3	0.0006	0.0401	0.0503	0.016	0.006	0.0004	0.02
8	1	7 - 8	2029	3	0.0006	0.0401	0.0503	0.016	0.006	0.0004	0.02
9	1	8 - 9	2030	3	0.0006	0.0401	0.0503	0.016	0.006	0.0004	0.02
10	1	9 - 10	2031	3	0.0006	0.0401	0.0503	0.016	0.006	0.0004	0.02
11	1	10 - 11	2032	3	0.0006	0.0401	0.0503	0.016	0.006	0.0004	0.02
12	1	11 - 12	2033	3	0.0006	0.0401	0.0503	0.016	0.006	0.0004	0.02
13	1	12 - 13	2034	3	0.0006	0.0401	0.0503	0.016	0.006	0.0004	0.02
14	1	13 - 14	2035	3	0.0006	0.0401	0.0503	0.016	0.006	0.0004	0.02
15	1	14 - 15	2036	3	0.0006	0.0401	0.0503	0.016	0.006	0.0004	0.02
16	1	15 - 16	2037	3	0.0006	0.0401	0.0503	0.016	0.006	0.0004	0.02
17	1	16-17	2038	1	0.0006	0.0401	0.0503	0.002	0.001	0.0000	0.00
18	1	17-18	2039	1	0.0006	0.0401	0.0503	0.002	0.001	0.0000	0.00
19	1	18-19	2040	1	0.0006	0.0401	0.0503	0.002	0.001	0.0000	0.00
20	1	19-20	2041	1	0.0006	0.0401	0.0503	0.002	0.001	0.0000	0.00
21	1	20-21	2042	1	0.0006	0.0401	0.0503	0.002	0.001	0.0000	0.00
22	1	21-22	2043	1	0.0006	0.0401	0.0503	0.002	0.001	0.0000	0.00
23	1	22-23	2044	1	0.0006	0.0401	0.0503	0.002	0.001	0.0000	0.00
24	1	23-24	2045	1	0.0006	0.0401	0.0503	0.002	0.001	0.0000	0.00
25	1	24-25	2046	1	0.0006	0.0401	0.0503	0.002	0.001	0.0000	0.00
26	1	25-26	2047	1	0.0006	0.0401	0.0503	0.002	0.001	0.0000	0.00
27	1	26-27	2048	1	0.0006	0.0401	0.0503	0.002	0.001	0.0000	0.00
28	1	27-28	2049	1	0.0006	0.0401	0.0503	0.002	0.001	0.0000	0.00
29	1	28-29	2050	1	0.0006	0.0401	0.0503	0.002	0.001	0.0000	0.00
30	1	29-30	2051	1	0.0006	0.0401	0.0503	0.002	0.001	0.0000	0.00
Total Increased Cancer Risk								0.47	0.170	0.013	**0.65**

Maximum Hazard Index	Maximum Fugitive PM2.5	Total PM2.5
0.0001	0.05	0.05

* Third trimester of pregnancy

1601 Civic Center Dr, Santa Clara, CA - Scott Boulevard Traffic Cancer Risk
Impacts at Construction Residential MEI - 1.5 meter receptor height
30 Year Residential Exposure

Cancer Risk Calculation Method

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air $(\mu g/m^3)$
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Cancer Potency Factors $(mg/kg\text{-}day)^{-1}$

TAC	CPF
DPM	1.10E+00
Vehicle TOG Exhaust	6.28E-03
Vehicle TOG Evaporative	3.70E-04

Values

	Infant/Child			Adult
Age -->	3rd Trimester	0 - 2	2 - 16	16 - 30
Parameter				
ASF =	10	10	3	1
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Maximum - Exposure Information					Concentration (ug/m3)			Cancer Risk (per million)			TOTAL
Exposure Year	Exposure Duration (years)	Age	Year	Age Sensitivity Factor	DPM	Exhaust TOG	Evaporative TOG	DPM	Exhaust TOG	Evaporative TOG	
0	0.25	-0.25 - 0*	2022	10	0.0002	0.0222	0.0280	0.003	0.002	0.0001	0.00
1	1	0 - 1	2022	10	0.0002	0.0222	0.0280	0.038	0.021	0.0015	0.06
2	1	1 - 2	2023	10	0.0002	0.0222	0.0280	0.038	0.021	0.0015	0.06
3	1	2 - 3	2024	3	0.0002	0.0222	0.0280	0.006	0.003	0.0002	0.01
4	1	3 - 4	2025	3	0.0002	0.0222	0.0280	0.006	0.003	0.0002	0.01
5	1	4 - 5	2026	3	0.0002	0.0222	0.0280	0.006	0.003	0.0002	0.01
6	1	5 - 6	2027	3	0.0002	0.0222	0.0280	0.006	0.003	0.0002	0.01
7	1	6 - 7	2028	3	0.0002	0.0222	0.0280	0.006	0.003	0.0002	0.01
8	1	7 - 8	2029	3	0.0002	0.0222	0.0280	0.006	0.003	0.0002	0.01
9	1	8 - 9	2030	3	0.0002	0.0222	0.0280	0.006	0.003	0.0002	0.01
10	1	9 - 10	2031	3	0.0002	0.0222	0.0280	0.006	0.003	0.0002	0.01
11	1	10 - 11	2032	3	0.0002	0.0222	0.0280	0.006	0.003	0.0002	0.01
12	1	11 - 12	2033	3	0.0002	0.0222	0.0280	0.006	0.003	0.0002	0.01
13	1	12 - 13	2034	3	0.0002	0.0222	0.0280	0.006	0.003	0.0002	0.01
14	1	13 - 14	2035	3	0.0002	0.0222	0.0280	0.006	0.003	0.0002	0.01
15	1	14 - 15	2036	3	0.0002	0.0222	0.0280	0.006	0.003	0.0002	0.01
16	1	15 - 16	2037	3	0.0002	0.0222	0.0280	0.006	0.003	0.0002	0.01
17	1	16-17	2038	1	0.0002	0.0222	0.0280	0.001	0.000	0.0000	0.00
18	1	17-18	2039	1	0.0002	0.0222	0.0280	0.001	0.000	0.0000	0.00
19	1	18-19	2040	1	0.0002	0.0222	0.0280	0.001	0.000	0.0000	0.00
20	1	19-20	2041	1	0.0002	0.0222	0.0280	0.001	0.000	0.0000	0.00
21	1	20-21	2042	1	0.0002	0.0222	0.0280	0.001	0.000	0.0000	0.00
22	1	21-22	2043	1	0.0002	0.0222	0.0280	0.001	0.000	0.0000	0.00
23	1	22-23	2044	1	0.0002	0.0222	0.0280	0.001	0.000	0.0000	0.00
24	1	23-24	2045	1	0.0002	0.0222	0.0280	0.001	0.000	0.0000	0.00
25	1	24-25	2046	1	0.0002	0.0222	0.0280	0.001	0.000	0.0000	0.00
26	1	25-26	2047	1	0.0002	0.0222	0.0280	0.001	0.000	0.0000	0.00
27	1	26-27	2048	1	0.0002	0.0222	0.0280	0.001	0.000	0.0000	0.00
28	1	27-28	2049	1	0.0002	0.0222	0.0280	0.001	0.000	0.0000	0.00
29	1	28-29	2050	1	0.0002	0.0222	0.0280	0.001	0.000	0.0000	0.00
30	1	29-30	2051	1	0.0002	0.0222	0.0280	0.001	0.000	0.0000	0.00
Total Increased Cancer Risk								0.17	0.095	0.007	**0.27**

Maximum Hazard Index	Maximum Fugitive PM2.5	Total PM2.5
0.0000	0.03	0.03

* Third trimester of pregnancy

1601 Civic Center, Santa Clara, CA - Off-Site Residential
Cumulative Operation - El Camino Real
DPM Modeling - Roadway Links, Traffic Volumes, and DPM Emissions
Year = **2026**

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
DPM_EB_ECR	El Camion Real Eastbound	EB	3	651.0	0.40	17.0	55.7	3.4	35	13,563
DPM_WB_ECR	El Camino Real Westbound	WB	3	669.3	0.42	17.0	55.7	3.4	35	13,563
									Total	27,127

Emission Factors

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle (g/VMT)	0.00032			

Emisson Factors from CT-EMFAC2017

2026 Hourly Traffic Volumes and DPM Emissions - DPM_EB_ECR

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	3.98%	539	1.92E-05	9	6.44%	873	3.11E-05	17	5.53%	750	2.67E-05
2	2.67%	362	1.29E-05	10	7.40%	1003	3.57E-05	18	3.14%	426	1.52E-05
3	2.84%	385	1.37E-05	11	6.32%	857	3.05E-05	19	2.35%	318	1.13E-05
4	3.30%	447	1.59E-05	12	6.88%	934	3.33E-05	20	0.86%	117	4.16E-06
5	2.16%	293	1.04E-05	13	6.27%	850	3.03E-05	21	3.08%	417	1.49E-05
6	3.30%	447	1.59E-05	14	6.21%	842	3.00E-05	22	4.21%	571	2.04E-05
7	6.03%	818	2.91E-05	15	5.13%	696	2.48E-05	23	2.62%	356	1.27E-05
8	4.56%	619	2.20E-05	16	3.88%	526	1.88E-05	24	0.85%	116	4.12E-06
								Total		13,563	

2026 Hourly Traffic Volumes Per Direction and DPM Emissions - DPM_WB_ECR

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	3.98%	539	1.98E-05	9	6.44%	873	3.20E-05	17	5.53%	750	2.75E-05
2	2.67%	362	1.33E-05	10	7.40%	1003	3.67E-05	18	3.14%	426	1.56E-05
3	2.84%	385	1.41E-05	11	6.32%	857	3.14E-05	19	2.35%	318	1.17E-05
4	3.30%	447	1.64E-05	12	6.88%	934	3.42E-05	20	0.86%	117	4.28E-06
5	2.16%	293	1.07E-05	13	6.27%	850	3.11E-05	21	3.08%	417	1.53E-05
6	3.30%	447	1.64E-05	14	6.21%	842	3.08E-05	22	4.21%	571	2.09E-05
7	6.03%	818	3.00E-05	15	5.13%	696	2.55E-05	23	2.62%	356	1.30E-05
8	4.56%	619	2.27E-05	16	3.88%	526	1.93E-05	24	0.85%	116	4.23E-06
								Total		13,563	

1601 Civic Center, Santa Clara, CA - Off-Site Residential
Cumulative Operation - El Camino Real
PM2.5 Modeling - Roadway Links, Traffic Volumes, and PM2.5 Emissions
Year = 2026

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
PM2.5_EB_ECR	El Camion Real Eastbound	EB	3	651.0	0.40	17.0	56	1.3	35	13,563
PM2.5_WB_ECR	El Camino Real Westbound	WB	3	669.3	0.42	17.0	56	1.3	35	13,563
									Total	27,127

Emission Factors - PM2.5

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle (g/VMT)	0.001341			

Emisson Factors from CT-EMFAC2017

2026 Hourly Traffic Volumes and PM2.5 Emissions - PM2.5_EB_ECR

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	156	2.35E-05	9	7.11%	965	1.45E-04	17	7.38%	1002	1.51E-04
2	0.42%	57	8.60E-06	10	4.39%	595	8.97E-05	18	8.18%	1109	1.67E-04
3	0.41%	55	8.28E-06	11	4.66%	632	9.53E-05	19	5.70%	773	1.16E-04
4	0.26%	35	5.33E-06	12	5.89%	799	1.20E-04	20	4.27%	579	8.73E-05
5	0.50%	68	1.02E-05	13	6.15%	835	1.26E-04	21	3.26%	442	6.66E-05
6	0.90%	123	1.85E-05	14	6.04%	819	1.23E-04	22	3.30%	448	6.74E-05
7	3.79%	514	7.74E-05	15	7.01%	951	1.43E-04	23	2.46%	334	5.03E-05
8	7.76%	1053	1.59E-04	16	7.14%	968	1.46E-04	24	1.87%	253	3.82E-05
								Total		13,563	

2026 Hourly Traffic Volumes Per Direction and PM2.5 Emissions - PM2.5_WB_ECR

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	156	2.42E-05	9	7.11%	965	1.49E-04	17	7.38%	1002	1.55E-04
2	0.42%	57	8.84E-06	10	4.39%	595	9.22E-05	18	8.18%	1109	1.72E-04
3	0.41%	55	8.52E-06	11	4.66%	632	9.80E-05	19	5.70%	773	1.20E-04
4	0.26%	35	5.48E-06	12	5.89%	799	1.24E-04	20	4.27%	579	8.97E-05
5	0.50%	68	1.05E-05	13	6.15%	835	1.29E-04	21	3.26%	442	6.85E-05
6	0.90%	123	1.90E-05	14	6.04%	819	1.27E-04	22	3.30%	448	6.93E-05
7	3.79%	514	7.96E-05	15	7.01%	951	1.47E-04	23	2.46%	334	5.17E-05
8	7.76%	1053	1.63E-04	16	7.14%	968	1.50E-04	24	1.87%	253	3.92E-05
								Total		13,563	

1601 Civic Center, Santa Clara, CA - Off-Site Residential
Cumulative Operation - El Camino Real
TOG Exhaust Modeling - Roadway Links, Traffic Volumes, and TOG Exhaust Emissions
Year = **2026**

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
TEXH_EB_ECR	El Camion Real Eastbound	EB	3	651.0	0.40	17.0	56	1.3	35	13,563
TEXH_WB_ECR	El Camino Real Westbound	WB	3	669.3	0.42	17.0	56	1.3	35	13,563
									Total	27,127

Emission Factors - TOG Exhaust

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle (g/VMT)	0.02611			

Emisson Factors from CT-EMFAC2017

2026 Hourly Traffic Volumes and TOG Exhaust Emissions - TEXH_EB_ECR

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	156	4.57E-04	9	7.11%	965	2.83E-03	17	7.38%	1002	2.94E-03
2	0.42%	57	1.67E-04	10	4.39%	595	1.75E-03	18	8.18%	1109	3.25E-03
3	0.41%	55	1.61E-04	11	4.66%	632	1.86E-03	19	5.70%	773	2.27E-03
4	0.26%	35	1.04E-04	12	5.89%	799	2.34E-03	20	4.27%	579	1.70E-03
5	0.50%	68	1.98E-04	13	6.15%	835	2.45E-03	21	3.26%	442	1.30E-03
6	0.90%	123	3.60E-04	14	6.04%	819	2.40E-03	22	3.30%	448	1.31E-03
7	3.79%	514	1.51E-03	15	7.01%	951	2.79E-03	23	2.46%	334	9.80E-04
8	7.76%	1053	3.09E-03	16	7.14%	968	2.84E-03	24	1.87%	253	7.43E-04
								Total		13,563	

2026 Hourly Traffic Volumes Per Direction and TOG Exhaust Emissions - TEXH_WB_ECR

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	156	4.70E-04	9	7.11%	965	2.91E-03	17	7.38%	1002	3.02E-03
2	0.42%	57	1.72E-04	10	4.39%	595	1.79E-03	18	8.18%	1109	3.34E-03
3	0.41%	55	1.66E-04	11	4.66%	632	1.91E-03	19	5.70%	773	2.33E-03
4	0.26%	35	1.07E-04	12	5.89%	799	2.41E-03	20	4.27%	579	1.75E-03
5	0.50%	68	2.04E-04	13	6.15%	835	2.52E-03	21	3.26%	442	1.33E-03
6	0.90%	123	3.70E-04	14	6.04%	819	2.47E-03	22	3.30%	448	1.35E-03
7	3.79%	514	1.55E-03	15	7.01%	951	2.87E-03	23	2.46%	334	1.01E-03
8	7.76%	1053	3.18E-03	16	7.14%	968	2.92E-03	24	1.87%	253	7.64E-04
								Total		13,563	

1601 Civic Center, Santa Clara, CA - Off-Site Residential
Cumulative Operation - El Camino Real
TOG Evaporative Emissions Modeling - Roadway Links, Traffic Volumes, and TOG Evaporative Emissions
Year = 2026

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
TEVAP_EB_ECR	El Camion Real Eastbound	EB	3	651.0	0.40	17.0	56	1.3	35	13,563
TEVAP_WB_ECR	El Camino Real Westbound	WB	3	669.3	0.42	17.0	56	1.3	35	13,563
									Total	27,127

Emission Factors - PM2.5 - Evaporative TOG

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle per Hour (g/hour)	1.21074			
Emissions per Vehicle per Mile (g/VMT)	0.03459			

Emisson Factors from CT-EMFAC2017

2026 Hourly Traffic Volumes and TOG Evaporative Emissions - TEVAP_EB_ECR

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	156	6.06E-04	9	7.11%	965	3.75E-03	17	7.38%	1002	3.89E-03
2	0.42%	57	2.22E-04	10	4.39%	595	2.31E-03	18	8.18%	1109	4.31E-03
3	0.41%	55	2.14E-04	11	4.66%	632	2.46E-03	19	5.70%	773	3.00E-03
4	0.26%	35	1.37E-04	12	5.89%	799	3.10E-03	20	4.27%	579	2.25E-03
5	0.50%	68	2.63E-04	13	6.15%	835	3.24E-03	21	3.26%	442	1.72E-03
6	0.90%	123	4.77E-04	14	6.04%	819	3.18E-03	22	3.30%	448	1.74E-03
7	3.79%	514	2.00E-03	15	7.01%	951	3.70E-03	23	2.46%	334	1.30E-03
8	7.76%	1053	4.09E-03	16	7.14%	968	3.76E-03	24	1.87%	253	9.84E-04
								Total		13,563	

2026 Hourly Traffic Volumes Per Direction and TOG Evaporative Emissions - TEVAP_WB_ECR

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	156	6.23E-04	9	7.11%	965	3.86E-03	17	7.38%	1002	4.00E-03
2	0.42%	57	2.28E-04	10	4.39%	595	2.38E-03	18	8.18%	1109	4.43E-03
3	0.41%	55	2.20E-04	11	4.66%	632	2.53E-03	19	5.70%	773	3.09E-03
4	0.26%	35	1.41E-04	12	5.89%	799	3.19E-03	20	4.27%	579	2.31E-03
5	0.50%	68	2.70E-04	13	6.15%	835	3.34E-03	21	3.26%	442	1.77E-03
6	0.90%	123	4.90E-04	14	6.04%	819	3.27E-03	22	3.30%	448	1.79E-03
7	3.79%	514	2.05E-03	15	7.01%	951	3.80E-03	23	2.46%	334	1.33E-03
8	7.76%	1053	4.21E-03	16	7.14%	968	3.87E-03	24	1.87%	253	1.01E-03
								Total		13,563	

1601 Civic Center, Santa Clara, CA - Off-Site Residential
Cumulative Operation - El Camino Real
Fugitive Road PM2.5 Modeling - Roadway Links, Traffic Volumes, and Fugitive Road PM2.5 Emissions
Year = **2026**

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
FUG_EB_ECR	El Camion Real Eastbound	EB	3	651.0	0.40	17.0	56	1.3	35	13,563
FUG_WB_ECR	El Camino Real Westbound	WB	3	669.3	0.42	17.0	56	1.3	35	13,563
									Total	27,127

Emission Factors - Fugitive PM2.5

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Tire Wear - Emissions per Vehicle (g/VMT)	0.00211			
Brake Wear - Emissions per Vehicle (g/VMT)	0.01680			
Road Dust - Emissions per Vehicle (g/VMT)	0.01482			
otal Fugitive PM2.5 - Emissions per Vehicle (g/VMT)	0.03373			

Emisson Factors from CT-EMFAC2017

2026 Hourly Traffic Volumes and Fugitive PM2.5 Emissions - FUG_EB_ECR

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	156	5.91E-04	9	7.11%	965	3.66E-03	17	7.38%	1002	3.80E-03
2	0.42%	57	2.16E-04	10	4.39%	595	2.25E-03	18	8.18%	1109	4.20E-03
3	0.41%	55	2.08E-04	11	4.66%	632	2.40E-03	19	5.70%	773	2.93E-03
4	0.26%	35	1.34E-04	12	5.89%	799	3.03E-03	20	4.27%	579	2.20E-03
5	0.50%	68	2.56E-04	13	6.15%	835	3.16E-03	21	3.26%	442	1.67E-03
6	0.90%	123	4.65E-04	14	6.04%	819	3.10E-03	22	3.30%	448	1.70E-03
7	3.79%	514	1.95E-03	15	7.01%	951	3.60E-03	23	2.46%	334	1.27E-03
8	7.76%	1053	3.99E-03	16	7.14%	968	3.67E-03	24	1.87%	253	9.60E-04
								Total		13,563	

2026 Hourly Traffic Volumes Per Direction and Fugitive PM2.5 Emissions - FUG_WB_ECR

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	156	6.07E-04	9	7.11%	965	3.76E-03	17	7.38%	1002	3.90E-03
2	0.42%	57	2.22E-04	10	4.39%	595	2.32E-03	18	8.18%	1109	4.32E-03
3	0.41%	55	2.14E-04	11	4.66%	632	2.46E-03	19	5.70%	773	3.01E-03
4	0.26%	35	1.38E-04	12	5.89%	799	3.11E-03	20	4.27%	579	2.26E-03
5	0.50%	68	2.64E-04	13	6.15%	835	3.25E-03	21	3.26%	442	1.72E-03
6	0.90%	123	4.78E-04	14	6.04%	819	3.19E-03	22	3.30%	448	1.74E-03
7	3.79%	514	2.00E-03	15	7.01%	951	3.71E-03	23	2.46%	334	1.30E-03
8	7.76%	1053	4.10E-03	16	7.14%	968	3.77E-03	24	1.87%	253	9.87E-04
								Total		13,563	

1601 Civic Center Drive, Santa Clara, CA - Off-Site Residential
Cumulative Operation - Scott Boulevard
DPM Modeling - Roadway Links, Traffic Volumes, and DPM Emissions
Year = **2026**

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
DPM_NB_SCT	Scott Boulevard Northbound	NB	2	381.5	0.24	13.3	43.7	3.4	35	11,181
DPM_SB_SCT	Scott Boulevard Southbound	SB	2	340.1	0.21	13.3	43.7	3.4	35	11,181
									Total	22,361

Emission Factors

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle (g/VMT)	0.00032			

Emisson Factors from CT-EMFAC2017

2026 Hourly Traffic Volumes and DPM Emissions - DPM_NB_SCT

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	3.98%	445	9.28E-06	9	6.44%	720	1.50E-05	17	5.53%	618	1.29E-05
2	2.67%	299	6.23E-06	10	7.40%	827	1.73E-05	18	3.14%	351	7.33E-06
3	2.84%	318	6.63E-06	11	6.32%	706	1.47E-05	19	2.35%	262	5.48E-06
4	3.30%	368	7.69E-06	12	6.88%	770	1.61E-05	20	0.86%	96	2.01E-06
5	2.16%	241	5.04E-06	13	6.27%	701	1.46E-05	21	3.08%	344	7.18E-06
6	3.30%	368	7.69E-06	14	6.21%	694	1.45E-05	22	4.21%	471	9.83E-06
7	6.03%	674	1.41E-05	15	5.13%	574	1.20E-05	23	2.62%	293	6.12E-06
8	4.56%	510	1.06E-05	16	3.88%	434	9.06E-06	24	0.85%	95	1.99E-06
								Total		11,181	

2026 Hourly Traffic Volumes Per Direction and DPM Emissions - DPM_SB_SCT

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	3.98%	445	8.27E-06	9	6.44%	720	1.34E-05	17	5.53%	618	1.15E-05
2	2.67%	299	5.56E-06	10	7.40%	827	1.54E-05	18	3.14%	351	6.54E-06
3	2.84%	318	5.91E-06	11	6.32%	706	1.31E-05	19	2.35%	262	4.88E-06
4	3.30%	368	6.86E-06	12	6.88%	770	1.43E-05	20	0.86%	96	1.79E-06
5	2.16%	241	4.49E-06	13	6.27%	701	1.30E-05	21	3.08%	344	6.40E-06
6	3.30%	368	6.86E-06	14	6.21%	694	1.29E-05	22	4.21%	471	8.77E-06
7	6.03%	674	1.25E-05	15	5.13%	574	1.07E-05	23	2.62%	293	5.46E-06
8	4.56%	510	9.49E-06	16	3.88%	434	8.07E-06	24	0.85%	95	1.77E-06
								Total		11,181	

1601 Civic Center Drive, Santa Clara, CA - Off-Site Residential
Cumulative Operation - Scott Boulevard
PM2.5 Modeling - Roadway Links, Traffic Volumes, and PM2.5 Emissions
Year = 2026

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
PM2.5_NB_SCT	Scott Boulevard Northbound	NB	2	381.5	0.24	13.3	44	1.3	35	11,181
PM2.5_SB_SCT	Scott Boulevard Southbound	SB	2	340.1	0.21	13.3	44	1.3	35	11,181
									Total	22,361

Emission Factors - PM2.5

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle (g/VMT)	0.001341			

Emisson Factors from CT-EMFAC2017

2026 Hourly Traffic Volumes and PM2.5 Emissions - PM2.5_NB_SCT

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	129	1.13E-05	9	7.11%	795	7.02E-05	17	7.38%	826	7.29E-05
2	0.42%	47	4.15E-06	10	4.39%	490	4.33E-05	18	8.18%	914	8.07E-05
3	0.41%	45	4.00E-06	11	4.66%	521	4.60E-05	19	5.70%	637	5.63E-05
4	0.26%	29	2.57E-06	12	5.89%	658	5.81E-05	20	4.27%	477	4.22E-05
5	0.50%	56	4.92E-06	13	6.15%	688	6.07E-05	21	3.26%	364	3.22E-05
6	0.90%	101	8.93E-06	14	6.04%	675	5.96E-05	22	3.30%	369	3.26E-05
7	3.79%	423	3.74E-05	15	7.01%	784	6.92E-05	23	2.46%	275	2.43E-05
8	7.76%	868	7.66E-05	16	7.14%	798	7.05E-05	24	1.87%	209	1.84E-05
								Total		11,181	

2026 Hourly Traffic Volumes Per Direction and PM2.5 Emissions - PM2.5_SB_SCT

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	129	1.01E-05	9	7.11%	795	6.26E-05	17	7.38%	826	6.50E-05
2	0.42%	47	3.70E-06	10	4.39%	490	3.86E-05	18	8.18%	914	7.20E-05
3	0.41%	45	3.57E-06	11	4.66%	521	4.10E-05	19	5.70%	637	5.02E-05
4	0.26%	29	2.29E-06	12	5.89%	658	5.18E-05	20	4.27%	477	3.76E-05
5	0.50%	56	4.39E-06	13	6.15%	688	5.42E-05	21	3.26%	364	2.87E-05
6	0.90%	101	7.96E-06	14	6.04%	675	5.31E-05	22	3.30%	369	2.90E-05
7	3.79%	423	3.33E-05	15	7.01%	784	6.17E-05	23	2.46%	275	2.17E-05
8	7.76%	868	6.83E-05	16	7.14%	798	6.28E-05	24	1.87%	209	1.64E-05
								Total		11,181	

1601 Civic Center Drive, Santa Clara, CA - Off-Site Residential
Cumulative Operation - Scott Boulevard
TOG Exhaust Modeling - Roadway Links, Traffic Volumes, and TOG Exhaust Emissions
Year = **2026**

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
TEXH_NB_SCT	Scott Boulevard Northbound	NB	2	381.5	0.24	13.3	44	1.3	35	11,181
TEXH_SB_SCT	Scott Boulevard Southbound	SB	2	340.1	0.21	13.3	44	1.3	35	11,181
									Total	22,361

Emission Factors - TOG Exhaust

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle (g/VMT)	0.02611			

Emisson Factors from CT-EMFAC2017

2026 Hourly Traffic Volumes and TOG Exhaust Emissions - TEXH_NB_SCT

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	129	2.21E-04	9	7.11%	795	1.37E-03	17	7.38%	826	1.42E-03
2	0.42%	47	8.08E-05	10	4.39%	490	8.43E-04	18	8.18%	914	1.57E-03
3	0.41%	45	7.79E-05	11	4.66%	521	8.96E-04	19	5.70%	637	1.10E-03
4	0.26%	29	5.01E-05	12	5.89%	658	1.13E-03	20	4.27%	477	8.21E-04
5	0.50%	56	9.58E-05	13	6.15%	688	1.18E-03	21	3.26%	364	6.26E-04
6	0.90%	101	1.74E-04	14	6.04%	675	1.16E-03	22	3.30%	369	6.34E-04
7	3.79%	423	7.28E-04	15	7.01%	784	1.35E-03	23	2.46%	275	4.73E-04
8	7.76%	868	1.49E-03	16	7.14%	798	1.37E-03	24	1.87%	209	3.59E-04
								Total		11,181	

2026 Hourly Traffic Volumes Per Direction and TOG Exhaust Emissions - TEXH_SB_SCT

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	129	1.97E-04	9	7.11%	795	1.22E-03	17	7.38%	826	1.27E-03
2	0.42%	47	7.21E-05	10	4.39%	490	7.52E-04	18	8.18%	914	1.40E-03
3	0.41%	45	6.95E-05	11	4.66%	521	7.99E-04	19	5.70%	637	9.76E-04
4	0.26%	29	4.47E-05	12	5.89%	658	1.01E-03	20	4.27%	477	7.32E-04
5	0.50%	56	8.54E-05	13	6.15%	688	1.05E-03	21	3.26%	364	5.58E-04
6	0.90%	101	1.55E-04	14	6.04%	675	1.03E-03	22	3.30%	369	5.65E-04
7	3.79%	423	6.49E-04	15	7.01%	784	1.20E-03	23	2.46%	275	4.22E-04
8	7.76%	868	1.33E-03	16	7.14%	798	1.22E-03	24	1.87%	209	3.20E-04
								Total		11,181	

1601 Civic Center Drive, Santa Clara, CA - Off-Site Residential
Cumulative Operation - Scott Boulevard
TOG Evaporative Emissions Modeling - Roadway Links, Traffic Volumes, and TOG Evaporative Emissions
Year = 2026

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
TEVAP_NB_SCT	Scott Boulevard Northbound	NB	2	381.5	0.24	13.3	44	1.3	35	11,181
TEVAP_SB_SCT	Scott Boulevard Southbound	SB	2	340.1	0.21	13.3	44	1.3	35	11,181
									Total	22,361

Emission Factors - PM2.5 - Evaporative TOG

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Emissions per Vehicle per Hour (g/hour)	1.21074			
Emissions per Vehicle per Mile (g/VMT)	0.03459			

Emisson Factors from CT-EMFAC2017

2026 Hourly Traffic Volumes and TOG Evaporative Emissions - TEVAP_NB_SCT

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	129	2.93E-04	9	7.11%	795	1.81E-03	17	7.38%	826	1.88E-03
2	0.42%	47	1.07E-04	10	4.39%	490	1.12E-03	18	8.18%	914	2.08E-03
3	0.41%	45	1.03E-04	11	4.66%	521	1.19E-03	19	5.70%	637	1.45E-03
4	0.26%	29	6.64E-05	12	5.89%	658	1.50E-03	20	4.27%	477	1.09E-03
5	0.50%	56	1.27E-04	13	6.15%	688	1.57E-03	21	3.26%	364	8.30E-04
6	0.90%	101	2.30E-04	14	6.04%	675	1.54E-03	22	3.30%	369	8.40E-04
7	3.79%	423	9.65E-04	15	7.01%	784	1.79E-03	23	2.46%	275	6.27E-04
8	7.76%	868	1.98E-03	16	7.14%	798	1.82E-03	24	1.87%	209	4.75E-04
								Total		11,181	

2026 Hourly Traffic Volumes Per Direction and TOG Evaporative Emissions - TEVAP_SB_SCT

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	129	2.61E-04	9	7.11%	795	1.61E-03	17	7.38%	826	1.68E-03
2	0.42%	47	9.55E-05	10	4.39%	490	9.96E-04	18	8.18%	914	1.86E-03
3	0.41%	45	9.20E-05	11	4.66%	521	1.06E-03	19	5.70%	637	1.29E-03
4	0.26%	29	5.92E-05	12	5.89%	658	1.34E-03	20	4.27%	477	9.70E-04
5	0.50%	56	1.13E-04	13	6.15%	688	1.40E-03	21	3.26%	364	7.40E-04
6	0.90%	101	2.05E-04	14	6.04%	675	1.37E-03	22	3.30%	369	7.49E-04
7	3.79%	423	8.60E-04	15	7.01%	784	1.59E-03	23	2.46%	275	5.59E-04
8	7.76%	868	1.76E-03	16	7.14%	798	1.62E-03	24	1.87%	209	4.24E-04
								Total		11,181	

1601 Civic Center Drive, Santa Clara, CA - Off-Site Residential
Cumulative Operation - Scott Boulevard
Fugitive Road PM2.5 Modeling - Roadway Links, Traffic Volumes, and Fugitive Road PM2.5 Emissions
Year = **2026**

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day
FUG_NB_SCT	Scott Boulevard Northbound	NB	2	381.5	0.24	13.3	44	1.3	35	11,181
FUG_SB_SCT	Scott Boulevard Southbound	SB	2	340.1	0.21	13.3	44	1.3	35	11,181
									Total	22,361

Emission Factors - Fugitive PM2.5

Speed Category	1	2	3	4
Travel Speed (mph)	35			
Tire Wear - Emissions per Vehicle (g/VMT)	0.00211			
Brake Wear - Emissions per Vehicle (g/VMT)	0.01680			
Road Dust - Emissions per Vehicle (g/VMT)	0.01482			
otal Fugitive PM2.5 - Emissions per Vehicle (g/VMT)	0.03373			

Emisson Factors from CT-EMFAC2017

2026 Hourly Traffic Volumes and Fugitive PM2.5 Emissions - FUG_NB_SCT

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.15%	129	2.85E-04	9	7.11%	795	1.77E-03	17	7.38%	826	1.83E-03
2	0.42%	47	1.04E-04	10	4.39%	490	1.09E-03	18	8.18%	914	2.03E-03
3	0.41%	45	1.01E-04	11	4.66%	521	1.16E-03	19	5.70%	637	1.41E-03
4	0.26%	29	6.47E-05	12	5.89%	658	1.46E-03	20	4.27%	477	1.06E-03
5	0.50%	56	1.24E-04	13	6.15%	688	1.53E-03	21	3.26%	364	8.09E-04
6	0.90%	101	2.24E-04	14	6.04%	675	1.50E-03	22	3.30%	369	8.19E-04
7	3.79%	423	9.40E-04	15	7.01%	784	1.74E-03	23	2.46%	275	6.11E-04
8	7.76%	868	1.93E-03	16	7.14%	798	1.77E-03	24	1.87%	209	4.64E-04
								Total		11,181	

2026 Hourly Traffic Volumes Per Direction and Fugitive PM2.5 Emissions - FUG_SB_SCT

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.15%	129	2.54E-04	9	7.11%	795	1.57E-03	17	7.38%	826	1.63E-03
2	0.42%	47	9.31E-05	10	4.39%	490	9.71E-04	18	8.18%	914	1.81E-03
3	0.41%	45	8.97E-05	11	4.66%	521	1.03E-03	19	5.70%	637	1.26E-03
4	0.26%	29	5.77E-05	12	5.89%	658	1.30E-03	20	4.27%	477	9.45E-04
5	0.50%	56	1.10E-04	13	6.15%	688	1.36E-03	21	3.26%	364	7.21E-04
6	0.90%	101	2.00E-04	14	6.04%	675	1.34E-03	22	3.30%	369	7.30E-04
7	3.79%	423	8.38E-04	15	7.01%	784	1.55E-03	23	2.46%	275	5.45E-04
8	7.76%	868	1.72E-03	16	7.14%	798	1.58E-03	24	1.87%	209	4.13E-04
								Total		11,181	

1601 Civic Center Dr, Santa Clara, CA - El Camino Real Traffic - TACs & PM2.5
AERMOD Risk Modeling Parameters and Maximum Concentrations
at OnSite MEI Receptor (1 Location - 1.5 meter receptor height)

Emission Year	2026
Receptor Information	Construction Residential MEI receptor
Number of Receptors	12
Receptor Height	1.5 Meters
Receptor Distances	At Construction Residential MEI locations

Meteorological Conditions

BAAQMD San Jose International Airport Met Da	2013-2017
Land Use Classification	Urban
Wind Speed	Variable
Wind Direction	Variable

Construction Residential MEI Cancer Risk Maximum Concentrations

Meteorological Data Years	Concentration (µg/m3)*		
	DPM	Exhaust TOG	Evaporative TOG
2013-2017	0.0009	0.0527	0.0699

Construction Residential MEI PM2.5 Maximum Concentrations

Meteorological Data Years	PM2.5 Concentration (µg/m3)*		
	Total PM2.5	Fugitive PM2.5	Vehicle PM2.5
2013-2017	0.0708	0.0680	0.0027

1601 Civic Center Dr, Santa Clara, CA - El Camino Real Traffic - TACs & PM2.5
AERMOD Risk Modeling Parameters and Maximum Concentrations
at OnSite MEI Receptor (1 Location - 4.5 meter receptor height)

Emission Year	2026
Receptor Information	Construction Residential MEI receptor
Number of Receptors	69
Receptor Height	4.5 Meters
Receptor Distances	At Construction Residential MEI locations

Meteorological Conditions

BAAQMD San Jose International Airport Met Da	2013-2017
Land Use Classification	Urban
Wind Speed	Variable
Wind Direction	Variable

Construction Residential MEI Cancer Risk Maximum Concentrations

Meteorological Data Years	Concentration (µg/m3)*		
	DPM	Exhaust TOG	Evaporative TOG
2013-2017	0.0008	0.0491	0.0652

Construction Residential MEI PM2.5 Maximum Concentrations

Meteorological Data Years	PM2.5 Concentration (µg/m3)*		
	Total PM2.5	Fugitive PM2.5	Vehicle PM2.5
2013-2017	0.0660	0.0635	0.0025

1601 Civic Center Dr, Santa Clara, CA - El Camino Real Traffic - TACs & PM2.5
AERMOD Risk Modeling Parameters and Maximum Concentrations
at OnSite MEI Receptor (1 Location - 7.6 meter receptor height)

Emission Year	2026
Receptor Information	Construction Residential MEI receptor
Number of Receptors	69
Receptor Height	7.6 Meters
Receptor Distances	At Construction Residential MEI locations

Meteorological Conditions

BAAQMD San Jose International Airport Met Da	2013-2017
Land Use Classification	Urban
Wind Speed	Variable
Wind Direction	Variable

Construction Residential MEI Cancer Risk Maximum Concentrations

Meteorological Data Years	Concentration (µg/m3)*		
	DPM	Exhaust TOG	Evaporative TOG
2013-2017	0.0007	0.0414	0.0550

Construction Residential MEI PM2.5 Maximum Concentrations

Meteorological Data Years	PM2.5 Concentration (µg/m3)*		
	Total PM2.5	Fugitive PM2.5	Vehicle PM2.5
2013-2017	0.0556	0.0535	0.0021

1601 Civic Center Dr, Santa Clara, CA - Scott Boulevard Traffic - TACs & PM2.5
AERMOD Risk Modeling Parameters and Maximum Concentrations
at OnSite MEI Receptor (1 Location - 1.5 meter receptor height)

Emission Year	2023
Receptor Information	Construction Residential MEI receptor
Number of Receptors	12
Receptor Height	1.5 Meters
Receptor Distances	At Construction Residential MEI locations

Meteorological Conditions

BAAQMD San Jose International Airport Met Da	2013-2017
Land Use Classification	Urban
Wind Speed	Variable
Wind Direction	Variable

Construction Residential MEI Cancer Risk Maximum Concentrations

Meteorological Data Years	Concentration (µg/m3)*		
	DPM	Exhaust TOG	Evaporative TOG
2013-2017	0.0002	0.0202	0.0267

Construction Residential MEI PM2.5 Maximum Concentrations

Meteorological Data Years	PM2.5 Concentration (µg/m3)*		
	Total PM2.5	Fugitive PM2.5	Vehicle PM2.5
2013-2017	0.0270	0.0260	0.0010

1601 Civic Center Dr, Santa Clara, CA - Scott Boulevard Traffic - TACs & PM2.5
AERMOD Risk Modeling Parameters and Maximum Concentrations
at OnSite MEI Receptor (1 Location - 4.5 meter receptor height)

Emission Year	2023
Receptor Information	Construction Residential MEI receptor
Number of Receptors	69
Receptor Height	4.6 Meters
Receptor Distances	At Construction Residential MEI locations

Meteorological Conditions

BAAQMD San Jose International Airport Met Da	2013-2017
Land Use Classification	Urban
Wind Speed	Variable
Wind Direction	Variable

Construction Residential MEI Cancer Risk Maximum Concentrations

Meteorological Data Years	Concentration (µg/m3)*		
	DPM	Exhaust TOG	Evaporative TOG
2013-2017	0.0002	0.0190	0.0251

Construction Residential MEI PM2.5 Maximum Concentrations

Meteorological Data Years	PM2.5 Concentration (µg/m3)*		
	Total PM2.5	Fugitive PM2.5	Vehicle PM2.5
2013-2017	0.0254	0.0244	0.0010

1601 Civic Center Dr, Santa Clara, CA - Scott Boulevard Traffic - TACs & PM2.5
AERMOD Risk Modeling Parameters and Maximum Concentrations
at OnSite MEI Receptor (1 Location - 7.6 meter receptor height)

Emission Year	2023
Receptor Information	Construction Residential MEI receptor
Number of Receptors	69
Receptor Height	7.6 Meters
Receptor Distances	At Construction Residential MEI locations

Meteorological Conditions

BAAQMD San Jose International Airport Met Da	2013-2017
Land Use Classification	Urban
Wind Speed	Variable
Wind Direction	Variable

Construction Residential MEI Cancer Risk Maximum Concentrations

Meteorological Data Years	Concentration (µg/m3)*		
	DPM	Exhaust TOG	Evaporative TOG
2013-2017	0.0002	0.0168	0.0222

Construction Residential MEI PM2.5 Maximum Concentrations

Meteorological Data Years	PM2.5 Concentration (µg/m3)*		
	Total PM2.5	Fugitive PM2.5	Vehicle PM2.5
2013-2017	0.0225	0.0216	0.0009

1601 Civic Center Dr, Santa Clara, CA - El Camino Real Traffic Cancer Risk
Impacts at OnSite MEI - 1.5 meter receptor height
30 Year Residential Exposure

Cancer Risk Calculation Method

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air $(\mu g/m^3)$
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Cancer Potency Factors $(mg/kg\text{-}day)^{-1}$

TAC	CPF
DPM	1.10E+00
Vehicle TOG Exhaust	6.28E-03
Vehicle TOG Evaporative	3.70E-04

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Maximum - Exposure Information					Concentration (ug/m3)			Cancer Risk (per million)			TOTAL
Exposure Year	**Exposure Duration (years)**	**Age**	**Year**	**Age Sensitivity Factor**	**DPM**	**Exhaust TOG**	**Evaporative TOG**	**DPM**	**Exhaust TOG**	**Evaporative TOG**	
0	0.25	-0.25 - 0*	2022	10	0.0009	0.0527	0.0699	0.012	0.004	0.0003	0.02
1	1	0 - 1	2022	10	0.0009	0.0527	0.0699	0.140	0.049	0.0039	0.19
2	1	1 - 2	2023	10	0.0009	0.0527	0.0699	0.140	0.049	0.0039	0.19
3	1	2 - 3	2024	3	0.0009	0.0527	0.0699	0.022	0.008	0.0006	0.03
4	1	3 - 4	2025	3	0.0009	0.0527	0.0699	0.022	0.008	0.0006	0.03
5	1	4 - 5	2026	3	0.0009	0.0527	0.0699	0.022	0.008	0.0006	0.03
6	1	5 - 6	2027	3	0.0009	0.0527	0.0699	0.022	0.008	0.0006	0.03
7	1	6 - 7	2028	3	0.0009	0.0527	0.0699	0.022	0.008	0.0006	0.03
8	1	7 - 8	2029	3	0.0009	0.0527	0.0699	0.022	0.008	0.0006	0.03
9	1	8 - 9	2030	3	0.0009	0.0527	0.0699	0.022	0.008	0.0006	0.03
10	1	9 - 10	2031	3	0.0009	0.0527	0.0699	0.022	0.008	0.0006	0.03
11	1	10 - 11	2032	3	0.0009	0.0527	0.0699	0.022	0.008	0.0006	0.03
12	1	11 - 12	2033	3	0.0009	0.0527	0.0699	0.022	0.008	0.0006	0.03
13	1	12 - 13	2034	3	0.0009	0.0527	0.0699	0.022	0.008	0.0006	0.03
14	1	13 - 14	2035	3	0.0009	0.0527	0.0699	0.022	0.008	0.0006	0.03
15	1	14 - 15	2036	3	0.0009	0.0527	0.0699	0.022	0.008	0.0006	0.03
16	1	15 - 16	2037	3	0.0009	0.0527	0.0699	0.022	0.008	0.0006	0.03
17	1	16-17	2038	1	0.0009	0.0527	0.0699	0.002	0.001	0.0001	0.00
18	1	17-18	2039	1	0.0009	0.0527	0.0699	0.002	0.001	0.0001	0.00
19	1	18-19	2040	1	0.0009	0.0527	0.0699	0.002	0.001	0.0001	0.00
20	1	19-20	2041	1	0.0009	0.0527	0.0699	0.002	0.001	0.0001	0.00
21	1	20-21	2042	1	0.0009	0.0527	0.0699	0.002	0.001	0.0001	0.00
22	1	21-22	2043	1	0.0009	0.0527	0.0699	0.002	0.001	0.0001	0.00
23	1	22-23	2044	1	0.0009	0.0527	0.0699	0.002	0.001	0.0001	0.00
24	1	23-24	2045	1	0.0009	0.0527	0.0699	0.002	0.001	0.0001	0.00
25	1	24-25	2046	1	0.0009	0.0527	0.0699	0.002	0.001	0.0001	0.00
26	1	25-26	2047	1	0.0009	0.0527	0.0699	0.002	0.001	0.0001	0.00
27	1	26-27	2048	1	0.0009	0.0527	0.0699	0.002	0.001	0.0001	0.00
28	1	27-28	2049	1	0.0009	0.0527	0.0699	0.002	0.001	0.0001	0.00
29	1	28-29	2050	1	0.0009	0.0527	0.0699	0.002	0.001	0.0001	0.00
30	1	29-30	2051	1	0.0009	0.0527	0.0699	0.002	0.001	0.0001	0.00
Total Increased Cancer Risk								0.63	0.224	0.018	**0.87**

Maximum Hazard Index	Maximum Fugitive PM2.5	Total PM2.5
0.0002	0.07	0.07

* Third trimester of pregnancy

1601 Civic Center Dr, Santa Clara, CA - El Camino Real Traffic Cancer Risk
Impacts at OnSite MEI - 4.5 meter receptor height
30 Year Residential Exposure

Cancer Risk Calculation Method

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air $(\mu g/m^3)$
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Cancer Potency Factors $(mg/kg\text{-}day)^{-1}$

TAC	CPF
DPM	1.10E+00
Vehicle TOG Exhaust	6.28E-03
Vehicle TOG Evaporative	3.70E-04

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Maximum - Exposure Information					Concentration (ug/m3)			Cancer Risk (per million)			TOTAL
Exposure Year	**Exposure Duration (years)**	**Age**	**Year**	**Age Sensitivity Factor**	**DPM**	**Exhaust TOG**	**Evaporative TOG**	**DPM**	**Exhaust TOG**	**Evaporative TOG**	
0	0.25	-0.25 - 0*	2022	10	0.0008	0.0491	0.0652	0.011	0.004	0.0003	0.02
1	1	0 - 1	2022	10	0.0008	0.0491	0.0652	0.133	0.046	0.0036	0.18
2	1	1 - 2	2023	10	0.0008	0.0491	0.0652	0.133	0.046	0.0036	0.18
3	1	2 - 3	2024	3	0.0008	0.0491	0.0652	0.021	0.007	0.0006	0.03
4	1	3 - 4	2025	3	0.0008	0.0491	0.0652	0.021	0.007	0.0006	0.03
5	1	4 - 5	2026	3	0.0008	0.0491	0.0652	0.021	0.007	0.0006	0.03
6	1	5 - 6	2027	3	0.0008	0.0491	0.0652	0.021	0.007	0.0006	0.03
7	1	6 - 7	2028	3	0.0008	0.0491	0.0652	0.021	0.007	0.0006	0.03
8	1	7 - 8	2029	3	0.0008	0.0491	0.0652	0.021	0.007	0.0006	0.03
9	1	8 - 9	2030	3	0.0008	0.0491	0.0652	0.021	0.007	0.0006	0.03
10	1	9 - 10	2031	3	0.0008	0.0491	0.0652	0.021	0.007	0.0006	0.03
11	1	10 - 11	2032	3	0.0008	0.0491	0.0652	0.021	0.007	0.0006	0.03
12	1	11 - 12	2033	3	0.0008	0.0491	0.0652	0.021	0.007	0.0006	0.03
13	1	12 - 13	2034	3	0.0008	0.0491	0.0652	0.021	0.007	0.0006	0.03
14	1	13 - 14	2035	3	0.0008	0.0491	0.0652	0.021	0.007	0.0006	0.03
15	1	14 - 15	2036	3	0.0008	0.0491	0.0652	0.021	0.007	0.0006	0.03
16	1	15 - 16	2037	3	0.0008	0.0491	0.0652	0.021	0.007	0.0006	0.03
17	1	16-17	2038	1	0.0008	0.0491	0.0652	0.002	0.001	0.0001	0.00
18	1	17-18	2039	1	0.0008	0.0491	0.0652	0.002	0.001	0.0001	0.00
19	1	18-19	2040	1	0.0008	0.0491	0.0652	0.002	0.001	0.0001	0.00
20	1	19-20	2041	1	0.0008	0.0491	0.0652	0.002	0.001	0.0001	0.00
21	1	20-21	2042	1	0.0008	0.0491	0.0652	0.002	0.001	0.0001	0.00
22	1	21-22	2043	1	0.0008	0.0491	0.0652	0.002	0.001	0.0001	0.00
23	1	22-23	2044	1	0.0008	0.0491	0.0652	0.002	0.001	0.0001	0.00
24	1	23-24	2045	1	0.0008	0.0491	0.0652	0.002	0.001	0.0001	0.00
25	1	24-25	2046	1	0.0008	0.0491	0.0652	0.002	0.001	0.0001	0.00
26	1	25-26	2047	1	0.0008	0.0491	0.0652	0.002	0.001	0.0001	0.00
27	1	26-27	2048	1	0.0008	0.0491	0.0652	0.002	0.001	0.0001	0.00
28	1	27-28	2049	1	0.0008	0.0491	0.0652	0.002	0.001	0.0001	0.00
29	1	28-29	2050	1	0.0008	0.0491	0.0652	0.002	0.001	0.0001	0.00
30	1	29-30	2051	1	0.0008	0.0491	0.0652	0.002	0.001	0.0001	0.00
Total Increased Cancer Risk								0.60	0.209	0.016	**0.83**

Maximum Hazard Index	Maximum Fugitive PM2.5	Total PM2.5
0.0002	0.06	0.07

* Third trimester of pregnancy

1601 Civic Center Dr, Santa Clara, CA - El Camino Real Traffic Cancer Risk
Impacts at OnSite MEI - 7.6 meter receptor height
30 Year Residential Exposure

Cancer Risk Calculation Method

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air $(\mu g/m^3)$
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Cancer Potency Factors $(mg/kg\text{-}day)^{-1}$

TAC	CPF
DPM	1.10E+00
Vehicle TOG Exhaust	6.28E-03
Vehicle TOG Evaporative	3.70E-04

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Maximum - Exposure Information					Concentration (ug/m3)			Cancer Risk (per million)			TOTAL
Exposure Year	Exposure Duration (years)	Age	Year	Age Sensitivity Factor	DPM	Exhaust TOG	Evaporative TOG	DPM	Exhaust TOG	Evaporative TOG	
0	0.25	-0.25 - 0*	2022	10	0.0007	0.0414	0.0550	0.009	0.003	0.0003	0.01
1	1	0 - 1	2022	10	0.0007	0.0414	0.0550	0.113	0.039	0.0030	0.16
2	1	1 - 2	2023	10	0.0007	0.0414	0.0550	0.113	0.039	0.0030	0.16
3	1	2 - 3	2024	3	0.0007	0.0414	0.0550	0.018	0.006	0.0005	0.02
4	1	3 - 4	2025	3	0.0007	0.0414	0.0550	0.018	0.006	0.0005	0.02
5	1	4 - 5	2026	3	0.0007	0.0414	0.0550	0.018	0.006	0.0005	0.02
6	1	5 - 6	2027	3	0.0007	0.0414	0.0550	0.018	0.006	0.0005	0.02
7	1	6 - 7	2028	3	0.0007	0.0414	0.0550	0.018	0.006	0.0005	0.02
8	1	7 - 8	2029	3	0.0007	0.0414	0.0550	0.018	0.006	0.0005	0.02
9	1	8 - 9	2030	3	0.0007	0.0414	0.0550	0.018	0.006	0.0005	0.02
10	1	9 - 10	2031	3	0.0007	0.0414	0.0550	0.018	0.006	0.0005	0.02
11	1	10 - 11	2032	3	0.0007	0.0414	0.0550	0.018	0.006	0.0005	0.02
12	1	11 - 12	2033	3	0.0007	0.0414	0.0550	0.018	0.006	0.0005	0.02
13	1	12 - 13	2034	3	0.0007	0.0414	0.0550	0.018	0.006	0.0005	0.02
14	1	13 - 14	2035	3	0.0007	0.0414	0.0550	0.018	0.006	0.0005	0.02
15	1	14 - 15	2036	3	0.0007	0.0414	0.0550	0.018	0.006	0.0005	0.02
16	1	15 - 16	2037	3	0.0007	0.0414	0.0550	0.018	0.006	0.0005	0.02
17	1	16-17	2038	1	0.0007	0.0414	0.0550	0.002	0.001	0.0001	0.00
18	1	17-18	2039	1	0.0007	0.0414	0.0550	0.002	0.001	0.0001	0.00
19	1	18-19	2040	1	0.0007	0.0414	0.0550	0.002	0.001	0.0001	0.00
20	1	19-20	2041	1	0.0007	0.0414	0.0550	0.002	0.001	0.0001	0.00
21	1	20-21	2042	1	0.0007	0.0414	0.0550	0.002	0.001	0.0001	0.00
22	1	21-22	2043	1	0.0007	0.0414	0.0550	0.002	0.001	0.0001	0.00
23	1	22-23	2044	1	0.0007	0.0414	0.0550	0.002	0.001	0.0001	0.00
24	1	23-24	2045	1	0.0007	0.0414	0.0550	0.002	0.001	0.0001	0.00
25	1	24-25	2046	1	0.0007	0.0414	0.0550	0.002	0.001	0.0001	0.00
26	1	25-26	2047	1	0.0007	0.0414	0.0550	0.002	0.001	0.0001	0.00
27	1	26-27	2048	1	0.0007	0.0414	0.0550	0.002	0.001	0.0001	0.00
28	1	27-28	2049	1	0.0007	0.0414	0.0550	0.002	0.001	0.0001	0.00
29	1	28-29	2050	1	0.0007	0.0414	0.0550	0.002	0.001	0.0001	0.00
30	1	29-30	2051	1	0.0007	0.0414	0.0550	0.002	0.001	0.0001	0.00
Total Increased Cancer Risk								0.51	0.176	0.014	**0.70**

* Third trimester of pregnancy

Maximum Hazard Index	Maximum Fugitive PM2.5	Total PM2.5
0.0001	0.05	0.06

1601 Civic Center Dr, Santa Clara, CA - Scott Boulevard Traffic Cancer Risk
Impacts at OnSite MEI - 1.5 meter receptor height
30 Year Residential Exposure

Cancer Risk Calculation Method

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Cancer Potency Factors $(mg/kg\text{-}day)^{-1}$

TAC	CPF
DPM	1.10E+00
Vehicle TOG Exhaust	6.28E-03
Vehicle TOG Evaporative	3.70E-04

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Maximum - Exposure Information					Concentration (ug/m3)			Cancer Risk (per million)			TOTAL
Exposure Year	**Exposure Duration (years)**	**Age**	**Year**	**Age Sensitivity Factor**	**DPM**	**Exhaust TOG**	**Evaporative TOG**	**DPM**	**Exhaust TOG**	**Evaporative TOG**	
0	0.25	-0.25 - 0*	2022	10	0.0002	0.0202	0.0267	0.003	0.002	0.0001	0.00
1	1	0 - 1	2022	10	0.0002	0.0202	0.0267	0.036	0.019	0.0015	0.06
2	1	1 - 2	2023	10	0.0002	0.0202	0.0267	0.036	0.019	0.0015	0.06
3	1	2 - 3	2024	3	0.0002	0.0202	0.0267	0.006	0.003	0.0002	0.01
4	1	3 - 4	2025	3	0.0002	0.0202	0.0267	0.006	0.003	0.0002	0.01
5	1	4 - 5	2026	3	0.0002	0.0202	0.0267	0.006	0.003	0.0002	0.01
6	1	5 - 6	2027	3	0.0002	0.0202	0.0267	0.006	0.003	0.0002	0.01
7	1	6 - 7	2028	3	0.0002	0.0202	0.0267	0.006	0.003	0.0002	0.01
8	1	7 - 8	2029	3	0.0002	0.0202	0.0267	0.006	0.003	0.0002	0.01
9	1	8 - 9	2030	3	0.0002	0.0202	0.0267	0.006	0.003	0.0002	0.01
10	1	9 - 10	2031	3	0.0002	0.0202	0.0267	0.006	0.003	0.0002	0.01
11	1	10 - 11	2032	3	0.0002	0.0202	0.0267	0.006	0.003	0.0002	0.01
12	1	11 - 12	2033	3	0.0002	0.0202	0.0267	0.006	0.003	0.0002	0.01
13	1	12 - 13	2034	3	0.0002	0.0202	0.0267	0.006	0.003	0.0002	0.01
14	1	13 - 14	2035	3	0.0002	0.0202	0.0267	0.006	0.003	0.0002	0.01
15	1	14 - 15	2036	3	0.0002	0.0202	0.0267	0.006	0.003	0.0002	0.01
16	1	15 - 16	2037	3	0.0002	0.0202	0.0267	0.006	0.003	0.0002	0.01
17	1	16-17	2038	1	0.0002	0.0202	0.0267	0.001	0.000	0.0000	0.00
18	1	17-18	2039	1	0.0002	0.0202	0.0267	0.001	0.000	0.0000	0.00
19	1	18-19	2040	1	0.0002	0.0202	0.0267	0.001	0.000	0.0000	0.00
20	1	19-20	2041	1	0.0002	0.0202	0.0267	0.001	0.000	0.0000	0.00
21	1	20-21	2042	1	0.0002	0.0202	0.0267	0.001	0.000	0.0000	0.00
22	1	21-22	2043	1	0.0002	0.0202	0.0267	0.001	0.000	0.0000	0.00
23	1	22-23	2044	1	0.0002	0.0202	0.0267	0.001	0.000	0.0000	0.00
24	1	23-24	2045	1	0.0002	0.0202	0.0267	0.001	0.000	0.0000	0.00
25	1	24-25	2046	1	0.0002	0.0202	0.0267	0.001	0.000	0.0000	0.00
26	1	25-26	2047	1	0.0002	0.0202	0.0267	0.001	0.000	0.0000	0.00
27	1	26-27	2048	1	0.0002	0.0202	0.0267	0.001	0.000	0.0000	0.00
28	1	27-28	2049	1	0.0002	0.0202	0.0267	0.001	0.000	0.0000	0.00
29	1	28-29	2050	1	0.0002	0.0202	0.0267	0.001	0.000	0.0000	0.00
30	1	29-30	2051	1	0.0002	0.0202	0.0267	0.001	0.000	0.0000	0.00
Total Increased Cancer Risk								0.16	0.086	0.007	**0.26**

* Third trimester of pregnancy

Maximum Hazard Index	Maximum Fugitive PM2.5	Total PM2.5
0.0000	0.03	0.03

1601 Civic Center Dr, Santa Clara, CA - Scott Boulevard Traffic Cancer Risk
Impacts at OnSite MEI - 4.5 meter receptor height
30 Year Residential Exposure

Cancer Risk Calculation Method

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air $(\mu g/m^3)$
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Cancer Potency Factors $(mg/kg\text{-}day)^{-1}$

TAC	CPF
DPM	1.10E+00
Vehicle TOG Exhaust	6.28E-03
Vehicle TOG Evaporative	3.70E-04

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Maximum - Exposure Information					Concentration (ug/m3)			Cancer Risk (per million)			TOTAL
Exposure Year	Exposure Duration (years)	Age	Year	Age Sensitivity Factor	DPM	Exhaust TOG	Evaporative TOG	DPM	Exhaust TOG	Evaporative TOG	
0	0.25	-0.25 - 0*	2022	10	0.0002	0.0190	0.0251	0.003	0.001	0.0001	0.00
1	1	0 - 1	2022	10	0.0002	0.0190	0.0251	0.034	0.018	0.0014	0.05
2	1	1 - 2	2023	10	0.0002	0.0190	0.0251	0.034	0.018	0.0014	0.05
3	1	2 - 3	2024	3	0.0002	0.0190	0.0251	0.005	0.003	0.0002	0.01
4	1	3 - 4	2025	3	0.0002	0.0190	0.0251	0.005	0.003	0.0002	0.01
5	1	4 - 5	2026	3	0.0002	0.0190	0.0251	0.005	0.003	0.0002	0.01
6	1	5 - 6	2027	3	0.0002	0.0190	0.0251	0.005	0.003	0.0002	0.01
7	1	6 - 7	2028	3	0.0002	0.0190	0.0251	0.005	0.003	0.0002	0.01
8	1	7 - 8	2029	3	0.0002	0.0190	0.0251	0.005	0.003	0.0002	0.01
9	1	8 - 9	2030	3	0.0002	0.0190	0.0251	0.005	0.003	0.0002	0.01
10	1	9 - 10	2031	3	0.0002	0.0190	0.0251	0.005	0.003	0.0002	0.01
11	1	10 - 11	2032	3	0.0002	0.0190	0.0251	0.005	0.003	0.0002	0.01
12	1	11 - 12	2033	3	0.0002	0.0190	0.0251	0.005	0.003	0.0002	0.01
13	1	12 - 13	2034	3	0.0002	0.0190	0.0251	0.005	0.003	0.0002	0.01
14	1	13 - 14	2035	3	0.0002	0.0190	0.0251	0.005	0.003	0.0002	0.01
15	1	14 - 15	2036	3	0.0002	0.0190	0.0251	0.005	0.003	0.0002	0.01
16	1	15 - 16	2037	3	0.0002	0.0190	0.0251	0.005	0.003	0.0002	0.01
17	1	16-17	2038	1	0.0002	0.0190	0.0251	0.001	0.000	0.0000	0.00
18	1	17-18	2039	1	0.0002	0.0190	0.0251	0.001	0.000	0.0000	0.00
19	1	18-19	2040	1	0.0002	0.0190	0.0251	0.001	0.000	0.0000	0.00
20	1	19-20	2041	1	0.0002	0.0190	0.0251	0.001	0.000	0.0000	0.00
21	1	20-21	2042	1	0.0002	0.0190	0.0251	0.001	0.000	0.0000	0.00
22	1	21-22	2043	1	0.0002	0.0190	0.0251	0.001	0.000	0.0000	0.00
23	1	22-23	2044	1	0.0002	0.0190	0.0251	0.001	0.000	0.0000	0.00
24	1	23-24	2045	1	0.0002	0.0190	0.0251	0.001	0.000	0.0000	0.00
25	1	24-25	2046	1	0.0002	0.0190	0.0251	0.001	0.000	0.0000	0.00
26	1	25-26	2047	1	0.0002	0.0190	0.0251	0.001	0.000	0.0000	0.00
27	1	26-27	2048	1	0.0002	0.0190	0.0251	0.001	0.000	0.0000	0.00
28	1	27-28	2049	1	0.0002	0.0190	0.0251	0.001	0.000	0.0000	0.00
29	1	28-29	2050	1	0.0002	0.0190	0.0251	0.001	0.000	0.0000	0.00
30	1	29-30	2051	1	0.0002	0.0190	0.0251	0.001	0.000	0.0000	0.00
Total Increased Cancer Risk								0.16	0.081	0.006	**0.24**

Maximum Hazard Index	Maximum Fugitive PM2.5	Total PM2.5
0.0000	0.02	0.03

* Third trimester of pregnancy

1601 Civic Center Dr, Santa Clara, CA - Scott Boulevard Traffic Cancer Risk
Impacts at OnSite MEI - 7.6 meter receptor height
30 Year Residential Exposure

Cancer Risk Calculation Method

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Cancer Potency Factors $(mg/kg\text{-}day)^{-1}$

TAC	CPF
DPM	1.10E+00
Vehicle TOG Exhaust	6.28E-03
Vehicle TOG Evaporative	3.70E-04

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Maximum - Exposure Information					Concentration (ug/m3)			Cancer Risk (per million)			TOTAL
Exposure Year	Exposure Duration (years)	Age	Year	Age Sensitivity Factor	DPM	Exhaust TOG	Evaporative TOG	DPM	Exhaust TOG	Evaporative TOG	
0	0.25	-0.25 - 0*	2022	10	0.0002	0.0168	0.0222	0.002	0.001	0.0001	0.00
1	1	0 - 1	2022	10	0.0002	0.0168	0.0222	0.030	0.016	0.0012	0.05
2	1	1 - 2	2023	10	0.0002	0.0168	0.0222	0.030	0.016	0.0012	0.05
3	1	2 - 3	2024	3	0.0002	0.0168	0.0222	0.005	0.002	0.0002	0.01
4	1	3 - 4	2025	3	0.0002	0.0168	0.0222	0.005	0.002	0.0002	0.01
5	1	4 - 5	2026	3	0.0002	0.0168	0.0222	0.005	0.002	0.0002	0.01
6	1	5 - 6	2027	3	0.0002	0.0168	0.0222	0.005	0.002	0.0002	0.01
7	1	6 - 7	2028	3	0.0002	0.0168	0.0222	0.005	0.002	0.0002	0.01
8	1	7 - 8	2029	3	0.0002	0.0168	0.0222	0.005	0.002	0.0002	0.01
9	1	8 - 9	2030	3	0.0002	0.0168	0.0222	0.005	0.002	0.0002	0.01
10	1	9 - 10	2031	3	0.0002	0.0168	0.0222	0.005	0.002	0.0002	0.01
11	1	10 - 11	2032	3	0.0002	0.0168	0.0222	0.005	0.002	0.0002	0.01
12	1	11 - 12	2033	3	0.0002	0.0168	0.0222	0.005	0.002	0.0002	0.01
13	1	12 - 13	2034	3	0.0002	0.0168	0.0222	0.005	0.002	0.0002	0.01
14	1	13 - 14	2035	3	0.0002	0.0168	0.0222	0.005	0.002	0.0002	0.01
15	1	14 - 15	2036	3	0.0002	0.0168	0.0222	0.005	0.002	0.0002	0.01
16	1	15 - 16	2037	3	0.0002	0.0168	0.0222	0.005	0.002	0.0002	0.01
17	1	16-17	2038	1	0.0002	0.0168	0.0222	0.001	0.000	0.0000	0.00
18	1	17-18	2039	1	0.0002	0.0168	0.0222	0.001	0.000	0.0000	0.00
19	1	18-19	2040	1	0.0002	0.0168	0.0222	0.001	0.000	0.0000	0.00
20	1	19-20	2041	1	0.0002	0.0168	0.0222	0.001	0.000	0.0000	0.00
21	1	20-21	2042	1	0.0002	0.0168	0.0222	0.001	0.000	0.0000	0.00
22	1	21-22	2043	1	0.0002	0.0168	0.0222	0.001	0.000	0.0000	0.00
23	1	22-23	2044	1	0.0002	0.0168	0.0222	0.001	0.000	0.0000	0.00
24	1	23-24	2045	1	0.0002	0.0168	0.0222	0.001	0.000	0.0000	0.00
25	1	24-25	2046	1	0.0002	0.0168	0.0222	0.001	0.000	0.0000	0.00
26	1	25-26	2047	1	0.0002	0.0168	0.0222	0.001	0.000	0.0000	0.00
27	1	26-27	2048	1	0.0002	0.0168	0.0222	0.001	0.000	0.0000	0.00
28	1	27-28	2049	1	0.0002	0.0168	0.0222	0.001	0.000	0.0000	0.00
29	1	28-29	2050	1	0.0002	0.0168	0.0222	0.001	0.000	0.0000	0.00
30	1	29-30	2051	1	0.0002	0.0168	0.0222	0.001	0.000	0.0000	0.00
Total Increased Cancer Risk								0.13	0.071	0.006	**0.21**

Maximum Hazard Index	Maximum Fugitive PM2.5	Total PM2.5
0.0000	0.02	0.02

* Third trimester of pregnancy

Bay Area Air Quality Management District

Risk & Hazard Stationary Source Inquiry Form

This form is required when users request stationary source data from BAAQMD

This form is to be used with the BAAQMD's Google Earth stationary source screening tables.

Click here for guidance on coducting risk & hazard screening, including roadways & freeways, refer to the District's Risk & Hazard Analysis flow chart.

Click here for District's Recommended Methods for Screening and Modeling Local Risks and Hazards document.

Table A: Requester Contact Information

Date of Request	**10/21/2021**
Contact Name	Zachary Palm
Affiliation	Illingworth & Rodkin, Inc.
Phone	707-794-0400 x117
Email	zpalm@illingworthrodkin.com
Project Name	1601 Civic Center Drive
Address	1601 Civic Center Drive
City	Santa Clara
County	Santa Clara
Type (residential, commercial, mixed use, industrial, etc.)	Residential
Project Size (# of units or building square feet)	110du
Comments:	

For Air District assistance, the following steps must be completed:

1. Complete all the contact and project information requested in Table A ncomplete forms will not be processed. Please include a project site map.

2. Download and install the free program Google Earth, **http://www.google.com/earth/download/ge/,** and then download the county specific Google Earth stationary source application files from the District's website, **http://www.baaqmd.gov/Divisions/Planning-and-Research/CEQA-GUIDELINES/Tools-and-Methodology.aspx.** The small points on the map represent stationary sources permitted by the District (Map A on right). These permitted sources include diesel back-up generators, gas stations, dry cleaners, boilers, printers, auto spray booths, etc. Click on a point to view the source's Information Table, including the name, location, and preliminary estimated cancer risk, hazard index, and PM2.5 concentration.

3. Find the project site in Google Earth by inputting the site's address in the Google Earth search box.

4. Identify stationary sources within at least a 1000ft radius of project site. Verify that the location of the source on the map matches with the source's address in the Information Table, by using the Google Earth address search box to confirm the source's address location. Please report any mapping errors to the District.

5. List the stationary source information in Table B lue section only.

6. Note that a small percentage of the stationary sources have Health Risk Screening Assessment (HRSA) data INSTEAD of screening level data. These sources will be noted by an asterisk next to the Plant Name (Map B on right). If HRSA values are presented, these values have already been modeled and cannot be adjusted further.

7. Email this completed form to District staff. District staff will provide the most recent risk, hazard, and PM2.5 data that are available for the source(s). If this information or data are not available, source emissions data will be provided. Staff will respond to inquiries within three weeks.

Note that a public records request received for the same stationary source information will cancel the processing of your SSIF request.

Submit forms, maps, and questions to Areana Flores at 415-749-4616, or aflores@baaqmd.gov

Table B: Google Earth data

Distance from Receptor (feet) or MEI[1]	Plant No.	Facility Name	Address	Cancer Risk[2]	Hazard Risk[2]	$PM_{2.5}$[2]	Source No.[3]	Type of Source[4]	Fuel Code[5]	Status/Comments	Distance Adjustment Multiplier	Adjusted Cancer Risk Estimate	Adjusted Hazard Risk	Adjusted PM2.5
0	2896	Underwriters Laboratories, Inc	1655 Scott Boulevard	0.0086	0.0001	0.0171		Underwriters Laboratories		2018 Dataset	1.00	0.0	0.000	0.02
1000+	11294	International Auto Center Inc	1499 Lincoln St		0.00			Auto Body Coating Operation		2018 Dataset	0.13	0.0	0.000	0.00
530	16266	City of Santa Clara	1500 Warburton Avenue, IT	2.54	0.00	0.00		(1) Generators		2018 Dataset	0.10	0.25	0.000	0.00
960	111625	ARCO Facility #02082 - Capitol Petroleum	1995 Warburton Ave	16.0846	0.0708			Gas Dispensing Facility		2018 Dataset	0.02	0.26	0.001	0.00

Construction MEIs

Project Site

Distance from Receptor (feet) or MEI[1]	FACID (Plant No.)	Distance Adjustment Multiplier	Adjusted Cancer Risk Estimate	Adjusted Hazard Risk	Adjusted PM2.5
0	2896	1.00	0.01	0.000	0.017
740	11294	0.22	0.00	0.000	0.000
320	16266	0.25	0.63	0.001	0.001
980	111625	0.02	0.24	0.001	0.000

Footnotes:

1. Maximally exposed individual
2. These Cancer Risk, Hazard Index, and PM2.5 columns represent the values in the Google Earth Plant Information Table.
3. Each plant may have multiple permits and sources.
4. Permitted sources include diesel back-up generators, gas stations, dry cleaners, boilers, printers, auto spray booths, etc.
5. Fuel codes: 98 = diesel, 189 = Natural Gas.
6. If a Health Risk Screening Assessment (HRSA) was completed for the source, the application number will be listed here.
7. The date that the HRSA was completed.
8. Engineer who completed the HRSA. For District purposes only.
9. All HRSA completed before 1/5/2010 need to be multiplied by an age sensitivity factor of 1.7.
10. The HRSA "Chronic Health" number represents the Hazard Index.
11. Further information about common sources:
    a. Sources that only include diesel internal combustion engines can be adjusted using the BAAQMD's Diesel Multiplier worksheet.
    b. The risk from natural gas boilers used for space heating when <25 MM BTU/hr would have an estimated cancer risk of one in a million or less, and a chronic hazard index of
    c. BAAQMD Reg 11 Rule 16 required that all co-residential (sharing a wall, floor, ceiling or is in the same building as a residential unit) dry cleaners cease use of perc on July 1, 2010. Therefore, there is no cancer risk, hazard or PM2.5 concentrations from co-residential dry cleaning businesses in the BAAQMD.
    d. Non co-residential dry cleaners must phase out use of perc by Jan. 1, 2023. Therefore, the risk from these dry cleaners does not need to be factored in over a 70-year period, but instead should
    e. Gas stations can be adjusted using BAAQMD's Gas Station Distance Mulitplier worksheet.
    f. Unless otherwise noted, exempt sources are considered insignificant. See BAAQMD Reg 2 Rule 1 for a list of exempt sources.
    g. This spray booth is considered to be insignificant.

Date last updated:
03/13/2018

Stationary Source Risk & Hazards Screening Report

Area of Interest (AOI) Information

Area : 4,289,640.14 ft²

Oct 21 2021 14:40:20 Pacific Daylight Time



Summary

Name	Count	Area(ft²)	Length(ft)
Permitted Facilities 2018	5	N/A	N/A

Permitted Facilities 2018

#	FACID	Name	Address	City	St
1	2896	Underwriters Laboratories, Inc	1655 Scott Boulevard	Santa Clara	CA
2	11294	International Auto Center Inc	1499 Lincoln St	Santa Clara	CA
3	16266	City of Santa Clara	1500 Warburton Avenue, IT	Santa Clara	CA
4	24384	K&K Outdoor Advertising LLC	1601 Civic Center Drive	Santa Clara	CA
5	111625	ARCO Facility #02082 - Capitol Petroleum	1995 Warburton Ave	Santa Clara	CA

#	Zip	County	Cancer	Hazard	PM_25	Type	Count
1	95050	Santa Clara	0.010	0.000	0.020	Contact BAAQMD	1
2	95050	Santa Clara	0.000	0.000	0.000	Contact BAAQMD	1
3	95050	Santa Clara	2.540	0.000	0.000	Generators	1
4	95050	Santa Clara	2.110	0.000	0.000	Contact BAAQMD	1
5	95050	Santa Clara	16.080	0.070	0.000	Gas Dispensing Facility	1

Note: The estimated risk and hazard impacts from these sources would be expected to be substantially lower when site specific Health Risk Screening Assessments are conducted.

The screening level map is not recommended for evaluating sensitive land uses such as schools, senior centers, day cares, and health facilities.

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Appendix B

Arborist Report

Civic Center Family Housing Project

Initial Study

City of Santa Clara

Preliminary Arborist Report

1601 Civic Center Drive
Santa Clara, CA

PREPARED FOR
Charities Housing Development Corporation
1400 Parkmour Ave., Suite 190
San Jose, CA 95126

PREPARED BY:
HortScience | Bartlett Consulting
325 Ray St.
Pleasanton, CA 94566

March 6, 2020

HORT SCIENCE
BARTLETT CONSULTING
Divisions of The F.A. Bartlett Tree Expert Company

Preliminary Arborist Report
1601 Civic Center Drive
Santa Clara, CA

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Exhibits

Tree Inventory Map

Tree Assessment Form

Preliminary Arborist Report
1601 Civic Center Drive
Santa Clara, CA

Introduction and Overview

Charities Housing Development Corporation is planning to redevelop 1601 Civic Center Drive in Santa Clara. The site currently contains? Consists? of several commercial buildings with associated landscapes and parking. HortScience I Bartlett Consulting, divisions of The Bartlett Tree Expert Company was asked to prepare a **Preliminary Arborist Report** for the site as part of the application to the City of Santa Clara.

This report provides the following information:

1. An evaluation of the health and structural condition of the trees within the proposed project area based on a visual inspection from the ground.
2. A preliminary assessment of the trees that would be preserved and removed based on the development plans of Charities Housing.
3. A preliminary estimate of the number of trees required to be planted for mitigation.

Tree Assessment Methods

Trees were assessed on February 11, 2020. Trees were tagged with numbers #132- 150. The survey included trees 4 inches in diameter and greater as well as cedars, redwoods, oaks, olives, bays, peppers and street trees of any size. The assessment procedure consisted of the following steps:

1. Identifying the tree species;
2. Tagging each tree with an identifying number and recording its location on a map;
3. Measuring the trunk diameter at a point 48 inches above grade;
4. Evaluating the health and structural condition using a scale of 1 – 5:
   - ***5*** - A healthy, vigorous tree, reasonably free of signs and symptoms of disease, with good structure and form typical of the species.
   - ***4*** - Tree with slight decline in vigor, small amount of twig dieback, minor structural defects that could be corrected.
   - ***3*** - Tree with moderate vigor, moderate twig and small branch dieback, thinning of crown, poor leaf color, moderate structural defects that might be mitigated with regular care.
   - ***2*** - Tree in decline, epicormic growth, extensive dieback of medium to large branches, significant structural defects that cannot be abated.
   - ***1*** - Tree in severe decline, dieback of scaffold branches and/or trunk; most of foliage from epicormics; extensive structural defects that cannot be abated.
5. Rating the suitability for preservation as ”high”, “moderate” or “low”. Suitability for preservation considers the health, age and structural condition of the tree, and its potential to remain an asset to the site for years to come.
   - ***High***: Trees with good health and structural stability that have the potential for longevity at the site.
   - ***Moderate***: Trees with somewhat declining health and/or structural defects than can be abated with treatment. The tree will require more intense management and monitoring, and may have shorter life span than those in ‘high’ category.
   - ***Low***: Tree in poor health or with significant structural defects that cannot be mitigated. Tree is expected to continue to decline, regardless of treatment. The species or individual may have characteristics that are undesirable for landscapes, and generally are unsuited for use areas.

Description of Trees

Nineteen (19) trees representing four species were evaluated (Table 1). Thirteen (13) were in fair condition, six trees were in poor condition and no trees were in good condition. No off-site trees were included in the assessment. Descriptions of each tree are found in the ***Tree Assessment Form*** and locations are plotted on the ***Tree Inventory Plan*** (see Exhibits).

Table 1. Condition ratings and frequency of occurrence of trees 1601 Civic Center Drive Santa Clara, CA

Common Name	Scientific Name	Condition			Total
		Poor (1-2)	Fair (3)	Good (4-5)	
Sweetgum	*Liquidambar styraciflua*	4	1	-	**5**
African fern pine	*Afrocarpus falcatus*	-	2	-	**2**
Olive	*Olea europaea*	2	9	-	**11**
Purple leaf plum	*Prunus cerasifera*	-	1	-	**1**
Total		**6**	**13**	**-**	**19**

The most common species present was olive with 11 trees (58% of the population). The olives ranged from poor (2 trees) to fair (9 trees) condition. All had either multiple trunks arising from the base or were codominant, where a stem had been removed (Photo 1). Many of the olives had pruning wounds. Olives were semi-mature with trunk diameters ranging from 9 to 17 inches.

Photo 1 (left): Olive #143 was located in a narrow parking lot planter.
Photo 2 (right): A stem had been removed at 3 feet on the south.





Five (5) sweetgums were growing near the street on the eastern property line. The sweetgums were in poor (4 trees) to fair (1 tree) condition. All but one (#140) of the sweetgums had been topped. The sweetgums were young with 7 to 8 inch trunk diameters.



Photo 3 (above): Five sweetgums were growing on along Lincoln.

Two (2) African fern pines were located 3 feet from the building on the north. African fern pines were in fair condition and had been hedged. They both had multiple trunks from the base.

One purpleleaf plum (#142) was in fair condition. It had multiple trunks arising from a single point at 3 feet. The semi-mature plum had trunk diameters of 4, 7, 7, and 11 inches. Branches were fused on the east and there was a bulge on the south trunk at 2 feet.

The City of Santa Clara General Plan 5.10.1-P4 defines *Protected Trees* as “healthy cedars, redwoods, oaks, olives, bay laurel and pepper trees of any size, and all other trees over 36 inches in circumference (12 inches diameter) measured from 48 inches above-grade on private and public property as well as in the public right-of-way”. By this definition, there were nine *Protected Trees* at the site. Heritage trees are specific trees adopted by the City of Santa Clara and listed in the General Plan Appendix 8.10. There were no *Heritage Trees* identified at this site.

Suitability for Preservation

Before evaluating the impacts that will occur during development, it is important to consider the quality of the tree resource itself, and the potential for individual trees to function well over an extended length of time. Trees that are preserved on development sites must be carefully selected to make sure that they may survive development impacts, adapt to a new environment and perform well in the landscape.

Our goal is to identify trees that have the potential for long-term health, structural stability and longevity. For trees growing in open fields, away from areas where people and property are present, structural defects and/or poor health presents a low risk of damage or injury if they fail. However, we must be concerned about safety in use areas. Therefore, where development encroaches into existing plantings, we must consider their structural stability as well as their potential to grow and thrive in a new environment. Where development will not occur, the normal life cycles of decline, structural failure and death should be allowed to continue.

Evaluation of suitability for preservation considers several factors:

- **Tree health**
  Healthy, vigorous trees are better able to tolerate impacts such as root injury, demolition of existing structures, changes in soil grade and moisture, and soil compaction than are non-vigorous trees. Olive #133 had decay at the base and a girdled stem.
- **Structural integrity**
  Trees with significant amounts of wood decay and other structural defects that cannot be corrected are likely to fail. Such trees should not be preserved in areas where damage to people or property is likely. For example, sweetgums #135-139 had been topped. Growth arising from topping wounds is weakly attached and can be prone to breakage.
- **Species response**
  There is a wide variation in the response of individual species to construction impacts and changes in the environment.
- **Tree age and longevity**
  Old trees, while having significant emotional and aesthetic appeal, have limited physiological capacity to adjust to an altered environment. Young trees are better able to generate new tissue and respond to change.
- **Species invasiveness**
  Species that spread across a site and displace desired vegetation are not always appropriate for retention. This is particularly true when indigenous species are displaced. The California Invasive Plant Inventory Database (http://www.cal-ipc.org/paf/) lists species identified as being invasive. This site is part of the Central West Floristic Province. Olive is listed as having limited invasiveness potential.

Each tree was rated for suitability for preservation based upon its age, health, structural condition and ability to safely coexist within a development environment (see ***Tree Assessment*** in Exhibits, and Table 2). We consider trees with good suitability for preservation to be the best candidates for preservation. We do not recommend retention of trees with poor suitability for preservation in areas where people or property will be present. Retention of trees with moderate suitability for preservation depends upon the intensity of proposed site changes.

Table 2: Tree suitability for preservation
1601 Civic Center, Santa Clara, CA.

High	These are trees with good health and structural stability that have the potential for longevity at the site. None of the trees had a high suitability for preservation.
Moderate	Trees in this category have fair health and/or structural defects that may be abated with treatment. These trees require more intense management and monitoring, and may have shorter life-spans than those in the “high” category. Ten (10) trees had a moderate suitability for preservation: six olives (#134, 138, 141, 148, and 149), two African fern pines (#144 and 145), one purpleleaf plum (#142), and one sweetgum (#140).
Low	Trees in this category are in poor health or have significant defects in structure that cannot be abated with treatment. These trees can be expected

to decline regardless of management. The species or individual tree may possess either characteristics that are undesirable in landscape settings or be unsuited for use areas. Nine (9) trees had a low suitability for preservation: five olives (#132, 133, 146, 147, and 150) and four sweetgums (#135-137 and 139)

Preliminary Evaluation of Impacts and Recommendations for Preservation

Appropriate tree retention develops a practical match between the location and intensity of construction activities and the quality and health of trees. The ***Tree Assessment*** was the reference point for tree condition and quality. Development plans have not yet been finalized. Surveyed trunk locations were provided for each tree evaluated.

At this point in the planning process, nine trees (#132, 133, 135, 137, 139, 146, 147, and 150) are recommended for removal based on poor suitability for preservation; four are considered protected. Two (2) African fern pine trees were growing 3' from the building. The limited space for a fern pine to reach its full potential would be challenging. Although five of the olives (#134, 138, 143, 148 and 149) were in fair condition, three trees (#134, 138 and 148) had wounds and #149 had decay at the base. The north stem of olive #134 was girdled. Further assessment of tree impacts and potential for preservation will be made when site plans are prepared.

Tree Replacement Requirements

The City of Santa Clara General Plan 5.3.1-P10 states:

> *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.*

Preliminary Tree Preservation Guidelines

The goal of tree preservation is not merely tree survival during development but maintenance of tree health and beauty for many years. Trees retained on sites that are either subject to extensive injury during construction or are inadequately maintained become a liability rather than an asset. The response of individual trees will depend on the amount of excavation and grading, the care with which demolition is undertaken, and the construction methods. Coordinating any construction activity inside the **TREE PROTECTION ZONE** can minimize these impacts.

The following recommendations will help reduce impacts to trees from development and maintain and improve their health and vitality through the clearing, grading and construction phases.

Tree Protection Zone

1. **A TREE PROTECTION ZONE** shall be identified for each tree to be preserved. The **TREE PROTECTION ZONE** shall be the dripline.
2. However, the fencing delineating the extent of the **TREE PROTECTION ZONE** may be the property line. Fences shall be 6 ft. chain link with posts sunk into the ground or equivalent as approved by the City.
3. Fences must be installed prior to beginning demolition and must remain until construction is complete.

Design recommendations

1. Any changes to the plans affecting the trees should be reviewed by the Project Arborist with regard to tree impacts. These include, but are not limited to, site plans, improvement plans,

utility and drainage plans, grading plans, landscape and irrigation plans, and demolition plans.

2. Irrigation systems must be designed so that no trenching severs roots larger than 1 inch in diameter will occur within the **TREE PROTECTION ZONE**.
3. **Tree Preservation Guidelines** prepared by the Project Arborist, which include specifications for tree protection during demolition and construction, should be included on all plans.
4. Any herbicides placed under paving materials must be safe for use around trees and labeled for that use.
5. Do not lime the subsoil within 50 feet of any tree. Lime is toxic to tree roots.
6. As trees withdraw water from the soil, expansive soils may shrink within the root area. Therefore, foundations, footings and pavements on expansive soils near trees should be designed to withstand differential displacement.
7. Ensure adequate but not excessive water is supplied to trees; in most cases occasional irrigation will be required. Avoid directing runoff toward trees.

Pre-demolition and pre-construction treatments and recommendations

1. The demolition and construction superintendents shall meet with the Project Arborist before beginning work to review all work procedures, access routes, storage areas, and tree protection measures.
2. Fence all trees to be retained to completely enclose the **TREE PROTECTION ZONE** prior to demolition, grubbing or grading. Fences shall be 6 feet chain link. Fences are to remain until all grading and construction is completed.
3. Branches extending into the work area that can remain following demolition shall be tied back and protected from damage.
4. Prune trees to be preserved to clean the crown of dead branches 1 inch and larger in diameter, raise canopies as needed for construction activities.
    a. All pruning shall be done by a State of California Licensed Tree Contractor (C61/D49). All pruning shall be done by Certified Arborist or Certified Tree Worker in accordance with the Best Management Practices for Pruning (International Society of Arboriculture, 2002) and adhere to the most recent editions of the American National Standard for Tree Care Operations (Z133.1) and Pruning (A300).
    b. The Project Arborist will provide pruning specifications prior to site demolition.
    c. Branches extending into the work area that can remain following demolition shall be tied back and protected from damage.
    d. While in the tree the arborist shall perform an aerial inspection to identify any defects, weak branch and trunk attachments and decay not visible from the ground. Any additional work needed to mitigate defects shall be reported to the property owner.
5. Structures and underground features to be removed within the **TREE PROTECTION ZONE** shall use equipment that will minimize damage to trees above and below ground and operate from outside the **TREE PROTECTION ZONE**. Tie back branches and wrap trunks with protective materials to protect from injury as directed by the Project Arborist. The Project Arborist shall be on site during all operations within the **TREE PROTECTION ZONE** to monitor demolition activity.
6. All tree work shall comply with the Migratory Bird Treaty Act as well as California Fish and Wildlife code 3503-3513 to not disturb nesting birds. To the extent feasible tree pruning and

removal should be scheduled outside of the breeding season. Breeding bird surveys should be conducted prior to tree work. Qualified biologists should be involved in establishing work buffers for active nests.

Recommendations for tree protection during construction

1. Any approved grading, construction, demolition or other work within the **TREE PROTECTION ZONE** should be monitored by the Project Arborist.
2. All contractors shall conduct operations in a manner that will prevent damage to trees to be preserved.
3. Tree protection devices are to remain until all site work has been completed within the work area. Fences or other protection devices may not be relocated or removed without permission of the Project Arborist.
4. Construction trailers, traffic and storage areas must remain outside **TREE PROTECTION ZONE** at all times.
5. Any root pruning required for construction purposes shall receive the prior approval of and be supervised by the Project Arborist. Roots should be cut with a saw to provide a flat and smooth cut. Removal of roots larger than 2 inches in diameter should be avoided.
6. If roots 2 inches and greater in diameter are encountered during site work and must be cut to complete the construction, the Project Arborist must be consulted to evaluate effects on the health and stability of the tree and recommend treatment.
7. Any brush clearing required within the **TREE PROTECTION ZONE** shall be accomplished with hand-operated equipment.
8. All down brush and trees shall be removed from the **TREE PROTECTION ZONE** either by hand, or with equipment sitting outside the **TREE PROTECTION ZONE**. Extraction shall occur by lifting the material out, not by skidding across the ground.
9. Prior to grading or trenching, trees may require root pruning outside the **TREE PROTECTION ZONE.** Any root pruning required for construction purposes shall receive the prior approval of, and be supervised by, the Project Arborist.
10. Spoil from trench, footing, utility or other excavation shall not be placed within the **TREE PROTECTION ZONE**, neither temporarily nor permanently.
11. All trees shall be irrigated on a schedule to be determined by the Project Arborist (every 3 to 6 weeks is typical). Each irrigation shall wet the soil within the **TREE PROTECTION ZONE** to a depth of 30 inches.
12. If injury should occur to any tree during construction, it should be evaluated as soon as possible by the Project Arborist so that appropriate treatments can be applied.
13. No excess soil, chemicals, debris, equipment or other materials shall be dumped or stored within the **TREE PROTECTION ZONE**.
14. Any additional tree pruning needed for clearance during construction must be performed by a Certified Arborist and not by construction personnel.
15. Trees that accumulate a sufficient quantity of dust on their leaves, limbs and trunk as judged by the Project Arborist shall be spray-washed at the direction of the Project Arborist.

Maintenance of impacted trees
Our procedures included assessing trees for observable defects in structure. This is not to say that trees without significant defects will not fail. Failure of apparently defect-free trees does occur, especially during storm events. Wind forces, for example, can exceed the strength of defect-free wood causing branches and trunks to break. Wind forces coupled with rain can saturate soils, reducing their ability to hold roots, and blow over defect-free trees. Although we cannot predict all failures, identifying those trees with observable defects is a critical component of enhancing public safety.

Furthermore, trees change over time. Our inspections represent the condition of the tree at the time of inspection. As trees age, the likelihood of failure of branches or entire trees increases. Annual tree inspections are recommended to identify changes to tree health and structure. In addition, trees should be inspected after storms of unusual severity to evaluate damage and structural changes. Initiating these inspections is the responsibility of the client and/or tree owner.

Preserved trees will experience a physical environment different from that pre-development. As a result, tree health and structural stability should be monitored. Occasional pruning, fertilization, mulch, pest management, replanting and irrigation may be required. In addition, provisions for monitoring both tree health and structural stability following construction must be made a priority.

If you have any questions regarding my observations or recommendations, please contact me.

HortScience I Bartlett Consulting

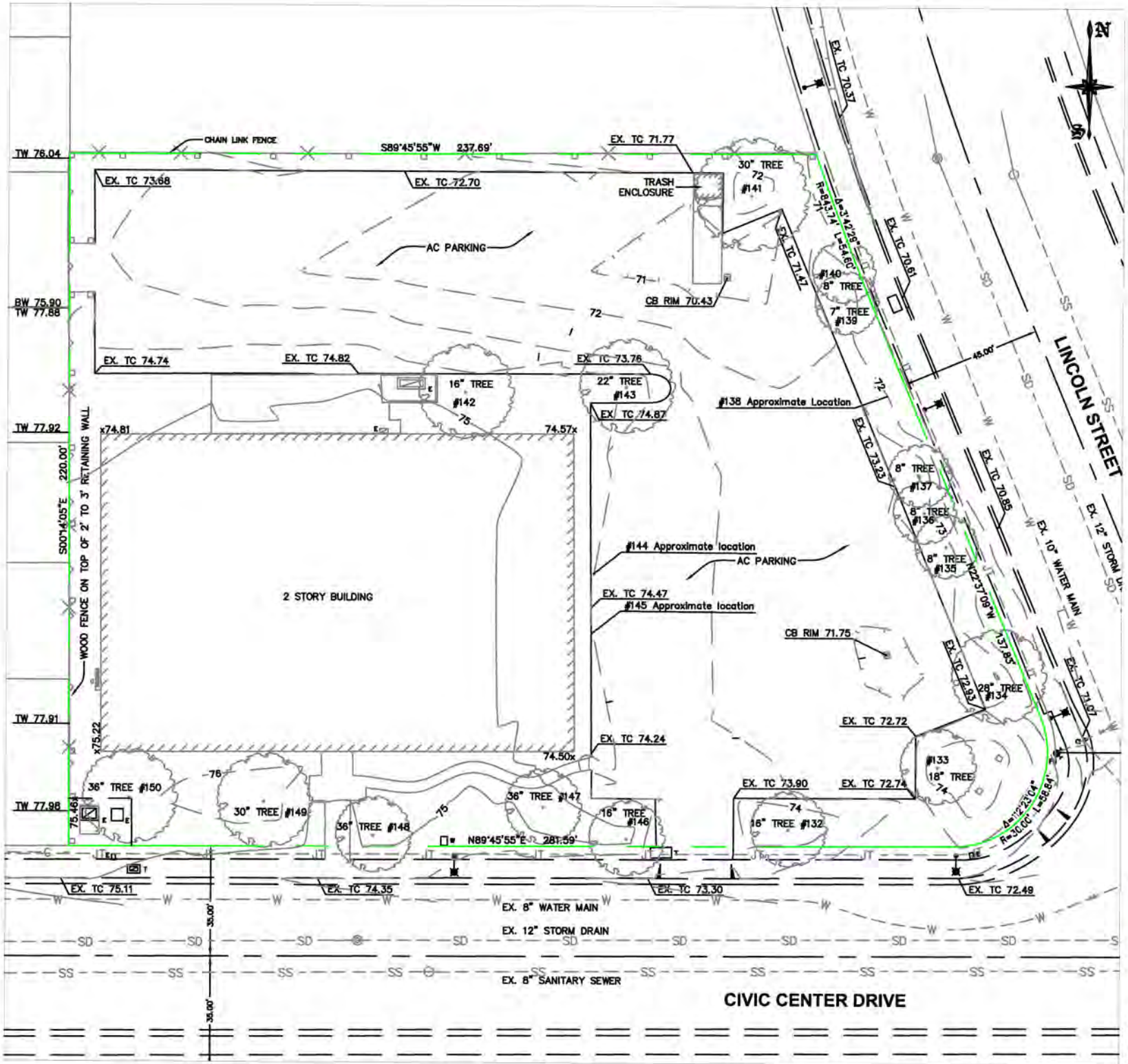


Maryellen Bell
Certified Arborist #WE-5643A

Exhibits

Tree Inventory Map

Tree Assessment Form



Tree Assessment Plan

1601 Civic Center Drive
Santa Clara, CA

Prepared for:
Charities Housing Development Corp.
San Jose, CA

February 2020

No Scale

Notes:
Base map provided by:
Charles W. Davidson Co.
San Jose, CA

Numbered tree locations with no survey point were approximately located in the field.

HORT SCIENCE
BARTLETT CONSULTING

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Tree Assessment

Charaities Housing
Santa Clara
February 11, 2020

HORT SCIENCE
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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
132	Olive	15	Yes	2	Low	South stem removed leaving large wound; north stem self correcting lean; poor pruning cuts; history of branch failure N; epicormic growth.
133	Olive	11,7,7	No	2	Low	Multiple trunks arise from 3'; decay W at base; epicormic growth; SW stem girdled.
134	Olive	16,9	Yes	3	Moderate	Multiple trunks arise from 2'; south stem removed leaving large pruning wound; epicormic growth; dense canopy; girdled stem N.
135	Sweetgum	8	No	2	Low	Multiple trunks arise from 4'; topped.
136	Sweetgum	8	No	2	Low	Topped.
137	Sweetgum	8	No	2	Low	Self correcting lean; topped.
138	Olive	16,9,5	Yes	3	Moderate	Codominant trunks arise from 3'; wound 3'; dense canopy; epicormic growth.
139	Sweetgum	7	No	2	Low	Topped.
140	Sweetgum	8	No	3	Moderate	Multiple trunks arise from 7'; headed back cuts; wound on N branch from pruning cut; surface roots; girdled root S.
141	Olive	16,15	Yes	3	Moderate	Codominant trunks arise from 3'; stem removed at NE base; ivy encroachment; included bark on W stem.
142	Purple leaf plum	11,7,7,4	No	3	Moderate	Multiple trunks arise from 3'; bulge on S at 2'; epicormic growth; fused branching on E.
143	Olive	13,10	Yes	3	Moderate	Codominant trunks arise from base; fused stems at 3'; fused stem S canopy; growing in small parking lot planter; dense canopy; epicormic growth.
144	African fernpine	4,3,3,2	No	3	Moderate	Multiple trunks arise from base; 3' from building; dense canopy ; good color; hedged.
145	African fernpine	5,4	No	3	Moderate	Multiple trunks arise from base; 3' from building; dense canopy ; tip burn; hedged.
146	Olive	16	Yes	3	Low	Multiple trunks arise from 4; wound on N stem; fused stems N; stem removed at base SW with decay; epicormic growth; history of branch failure W.

Tree Assessment

Charaities Housing
Santa Clara
February 11, 2020

HORT SCIENCE
BARTLETT CONSULTING

Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
147	Olive	16, 15	Yes	3	Low	Codominant trunks arise from 2'; decay at base on S ; wound on trunk S; history of branch failure E stem; wound on N stem; epicormic growth.
148	Olive	10,10,9	No	3	Moderate	Multiple trunks arise from base; epicormic growth; wound N stem.
149	Olive	17,14	Yes	3	Moderate	Multiple trunks arise from 3'; decay at base S; dense canopy; epicormic growth.
150	Olive	12,10,10,9	Yes	3	Low	Multiple trunks arise from 2' fused stems; dense canopy; topped on N near building; twig dieback.

Appendix C

Geotechnical Engineering Report and Web Soil Survey

Civic Center Family Housing Project
Initial Study

City of Santa Clara

GEOTECHNICAL ENGINEERING REPORT

For the
PROPOSED MULTIFAMILY
RESIDENTIAL DEVELOPMENT

1601 Civic Center Drive
Santa Clara, California

Prepared for

Charities Housing
1400 Parkmoor Ave, Suite 190
San Jose, California 95126

Prepared by

Professional Service Industries, Inc.
4703 Tidewater Avenue, Suite B
Oakland, California 94601
Telephone (510) 434-9200

PSI PROJECT NO. 575-1729-1

January 12, 2021

Professional Service Industries, Inc.
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psiusa.com

January 12, 2021

Charities Housing
1400 Parkmoor Ave, Suite 190
San Jose, California 95126

Attention: Mr. Hai Nguyen
Project Manager

Subject: **Geotechnical Engineering Report**
Proposed Multifamily Residential Development
1601 Civic Center Drive, Santa Clara, California
PSI Project No. 575-1729-1

Professional Service Industries, Inc. (PSI), an Intertek company, is pleased to submit our Geotechnical Engineering Report for the above-referenced project in Santa Clara, California. This report includes the results of field and laboratory testing and geotechnical recommendations for foundations and pavements, as well as general site development.

We appreciate the opportunity to perform this Geotechnical Study and look forward to continued participation during the design and construction phases of this project. If you have any questions pertaining to this report, or if we may be of further service, please contact our office.

Respectfully submitted for,

PROFESSIONAL SERVICE INDUSTRIES, INC.

Brand Burfield, PG
Project Geologist

REGISTERED GEOLOGIST
BRAND W. BURFIELD
NO. 6986
STATE OF CALIFORNIA

Douglas T. Abernathy, PE, GE
Senior Project Engineer

REGISTERED PROFESSIONAL ENGINEER
DOUGLAS T. ABERNATHY
GE 2547
Exp. 12/31/22
GEOTECHNICAL
STATE OF CALIFORNIA

Reviewed by: Britton W. Gentry
Chief Engineer

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FIGURES

Figure 1: Site Location Map
Figure 2: Site Plan and Boring Location Map

APPENDIXES

Appendix A – Exploration Logs and Drilling Permit
Appendix B – Laboratory Test Results
Appendix C – Liquefaction Analysis

1.0 PROJECT INFORMATION

1.1 Project Authorization

Professional Service Industries, Inc. (PSI) is pleased to submit our Geotechnical Engineering Report for the proposed multifamily residential development in Santa Clara, California. Our work was performed in general accordance with the scope of work as outlined in our Proposal Number 575-321247, dated September 15, 2020. Written authorization, in the form of a signed copy of our proposal, was provided by Ms. Kathy Robinson of Charities Housing on September 28, 2020. Our previous work at the site is summarized in our January 16, 2020 report to Charities Housing, titled "*Preliminary Geotechnical Engineering Report for the Proposed Residential Development, 1601 Civic Center Drive, Santa Clara California*" PSI project No. 0575-1585-1.

1.2 Site Location and Description

The subject site is located at the northwest corner of Civic Center Drive and Lincoln Street, which is approximately 500 feet northwest from the active intersection of El Camino Real (California State Route 82) and Lincoln Street in Santa Clara, California (see Figure 1 -Site Location Map). The site is a trapezoidal shaped property of about 1.4 acres in plan area. At the time of our investigation the site was developed with a 2-story vacant office building surrounded by an asphalt-paved parking lot and landscaped areas with lawn, shrubs and mature trees (see Figure 2).

The site is bound by single-family residential properties to the west, a church to the north, Lincoln Street and a City of Santa Clara municipal property to the east, and Civic Center Drive and commercial properties (bank and motel) to the south. The site appears to have a gentle slope toward the northeast, with an elevation (estimated from the San Jose West, California USGS topographic map) of about 75 feet above mean sea level (NAVD 88).

1.3 Review of Previous Study

As mentioned above, PSI performed a preliminary geotechnical study for the subject project (PSI, 2020) that included 2 Cone Penetration Test (CPT) probes pushed at the subject site to depths of between 60 and 100 feet below the ground surface (bgs), geologic and seismic research and a detailed liquefaction analysis. The data from log SCPT-1 indicates that clays and silty clays were encountered in the upper 56 feet, underlain by about 10 feet of sand and silty sand, underlain by silty clay with interbeds of sandy silt from about 66 feet to the total depth explored of about 100 feet bgs. The logs from CPT probes indicate that clays and silty clays were encountered in the upper 33 feet, underlain by silty clay having interbeds of sandy silt to the total depth explored of about 60 feet bgs. The groundwater level was estimated to be at a depth of between about 7 ½ and 9 feet bgs, based on pore pressure dissipation testing in the CPT probes.

The preliminary report characterizes the site as geotechnically suitable for the proposed development. The report also provided preliminary recommendations for general improvements, including site preparation, grading, pavements and utility trenches, with a requirement for a design-level geotechnical soil and foundation study at a later time.

Locations of the CPT probes, as well as the approximate area of the proposed structure, are shown on Figure 2. Pertinent data, including both logs and lab test results from the preliminary study are included in Appendices A and B.

1.4 Project Understanding

PSI understands based on a review of information provided by you, including a conceptual site plan for the proposed development with floor plans, perspective and section views (Mithun, 2020), the existing two-story structure at the subject property will be demolished and replaced with a multi-story structure of about 27,000 square feet (sf) in plan area for use as a residential apartment building. The structure is to be a 5- to 6-story building with an at-grade parking garage and community rooms and common areas on the ground level, and 4 to 5 stories of multifamily residences above. The structure is to have a raised central garden courtyard and will be surrounded by grade-level parking on the west and landscaped areas on all other sides.

The proposed construction type, and expected structural loading were not available at the time of this study, but based on our previous experience with similar projects, PSI anticipates that the structure will consist of a reinforced concrete podium (shown in section view on the provided plans as 12 ft. high) on the ground level, with wood or light gauge steel-framed construction on the upper stories. Based on information provided by your project structural engineer (IDA Structural Engineers, Inc.), maximum column and wall loads are expected to be about 450 kips and 20 kips per foot, respectively. Typical column loadings are anticipated to be on the order of 350 kips. Dead loadings account for 75 percent of these values. Other improvements are expected to include subsurface utilities and concrete flatwork.

The finished floor elevations of the buildings were not furnished to us, but we have assumed finish exterior grades are to be near (+/- two feet) existing grades. A site plan with the locations of the proposed structure is presented as Figure 2. Should any of the above information or assumptions made by PSI be inconsistent with the planned construction, we request that you contact us immediately to allow us to make any necessary modifications to our recommendations.

1.5 Purpose and Scope of Services

The purpose of PSI's geotechnical evaluation was to assess the subsurface conditions at the site in order to provide appropriate recommendations for site preparation, pavement and foundation design. Our evaluation was in general accordance with the scope of work outlined in our Proposal Number 575-321247, dated September 15, 2020.

Our scope of services included a total of 4 mud-rotary soil borings with Standard Penetration Tests (SPT) performed at regular intervals, each drilled to a depth of approximately 60 feet bgs, and the preparation of this geotechnical report. This report briefly outlines the testing procedures, presents available project information, describes the site and subsurface conditions, and presents geotechnical recommendations regarding the following:

- A geologic overview of the project area;
- Site topographic information and surface conditions;

- A discussion of subsurface conditions encountered including pertinent soil properties and groundwater conditions;
- Logs of borings with soil classification per the Unified Soil Classification System (USCS);
- A Site Location Map and Boring Location Map;
- Review of field and laboratory test procedures and test data;
- California Building Code (2019 CBC) site class and seismic design spectral acceleration parameters for use in seismic design;
- Evaluation of seismic hazards including liquefaction, seismic settlement, and lateral spreading;
- Evaluation of the data as it relates to the proposed site development;
- Site preparation and grading considerations, including recommended fill material characteristics and compaction requirements for general site fill and slab/pavement subgrades, including an assessment as to the suitability of on-site soils for use as fill;
- Recommendations pertaining to design and construction of foundations, floor slabs and pavements, including allowable soil bearing pressures, anticipated bearing depths and estimated settlements; and,
- Comments regarding factors that may impact construction and performance of the proposed construction.

Any statements in this report or on the boring logs regarding odors, colors, and unusual or suspicious items or conditions are strictly for information purposes only.

2.0 SUBSURFACE EXPLORATION

2.1 Site Geology

The subject site is located within a large region known as the Coast Ranges geomorphic province. This province is characterized by extensively folded, faulted, and fractured earth materials. These structural features trend in a northwesterly direction and make up the prominent system of northwest-trending mountain ranges separated by straight-sided sediment-filled valleys (CGS, 2002).

The subject site is situated on the northeast side of the Santa Clara Valley, about 0.9 miles east of Saratoga Creek and 1.8 miles southwest of the Guadalupe River. Our review of readily available, pertinent geologic literature (Dibblee, 2007) indicates that the subject site is underlain by Holocene aged (Quaternary) alluvial deposits (Qya), described as alluvial sand, silt and, clay.

2.2 Pre-Field Activities

Prior to initiation of field drilling activities, PSI marked the boring locations in white paint and contacted Underground Service Alert (USA) a minimum of 48 hours prior to beginning work to locate any potential buried utilities. The USA inquiry identification number (or "Ticket Number") for the utility locate request was #W030300396. Also prior to drilling, PSI obtained a drilling permit (No. E20201029002) from the Santa Clara Valley Water District (SCVWD). A copy of the permit is included in Appendix A.

2.3 Subsurface Exploration and Conditions

To supplement CPT explorations from preliminary investigation and evaluate soil conditions at the subject site, PSI advanced four (4) Standard Penetration Test (SPT) soil borings. The SPT borings were drilled by Britton Exploration of Los Gatos, California with a CME 55 drill rig, using solid-flight auger and mud-rotary drilling methods. Borings B-1, B-2, B-3 and B-4 were located in the areas of the northwest, northeast, southwest and southwest quadrants of the proposed building, respectively. All four borings were advanced to a depth of about 61½ feet bgs using a 6-inch diameter solid flight auger in the upper 10 feet, and a 5-inch diameter mud-rotary below 10 feet. Locations of the soil borings as well as the existing improvements and proposed building, are shown on Figure 2.

During the sampling procedure, SPTs were performed in accordance with ASTM D1586 and relatively undisturbed samples were obtained in general accordance with ASTM D3550. The SPTs for the soil borings were performed by driving a 2-inch diameter split-spoon sampler into the undisturbed subsurface materials located at the bottom of the advanced borehole with repeated blows of a 140-pound hammer falling a vertical distance of 30 inches. The number of blows required to drive the sampler the last 12 inches of an 18-inch penetration depth is a measure of the soil relative density/consistency. For ASTM D3550 (California Modified Sampler) the split barrel sampler possesses a 3-inch outside diameter and is driven in the same manner as the SPT. Samples were identified in the field, placed in sealed containers, and transported to the laboratory for further classification and testing. At the completion of drilling, the permitted borings were backfilled with cement grout in accordance with permit requirements.

In the locations explored at B-1, B-2 and B-3, the site was surfaced with an asphalt pavement of between about 2 and 2½ inches of asphalt over about 3 to 5 inches of aggregate base. Below the pavement (and

at the surface of B-4), the site was underlain by interbeds of lean clay, silty lean clay and sandy lean clay (CL), fat clay and sandy fat clay (CH), silt and sandy silt (ML), sand (SW and SP), silty sand (SM), gravelly sand (SW and SP) and sandy gravel (GP). These soils were encountered to the total depth explored in each boring of about 61½ feet bgs. In general, the fine soils were encountered in the upper portions of the borings, while the coarser, sandy soils were encountered in the lower portions. Based on the SPT blow counts, the consistency of the fine-grained soils was observed to be generally soft to stiff, while the coarse-grained soils were observed to be generally loose to dense. Bedrock was not encountered in our borings.

The above subsurface information is of a generalized nature to highlight the major subsurface stratification features and material characteristics. The boring logs, included in Appendix A, should be reviewed for specific information at the boring locations. The stratification presented on the Boring Logs is based on a visual examination of the recovered soil samples and the interpretation of field logs by a geotechnical professional. The raw (uncorrected)standard penetration resistances (SPT N-values and California Modified sampler blows) recorded in the individual borings at standard testing intervals to the boring termination depths are also included on the Boring Logs. The boring logs include soil descriptions, stratification, penetration resistance, locations of the samples and laboratory test data. The stratification shown on the logs represent the conditions only at the actual location at the time of our exploration. Variations may occur and should be expected between boring locations. The stratification that represents the approximate boundary between subsurface materials and the actual transition may be gradual. It should be noted that, although the test borings are drilled and sampled by experienced professionals, it is sometimes difficult to record changes in stratification within narrow limits, especially at great depths. In the absence of foreign substances, it is also sometimes difficult to distinguish between native and fill soil.

2.4 Groundwater

Groundwater was encountered borings B-3 and B-4 at a depth of about 12 feet. Pore pressure dissipation tests performed for our preliminary study (PSI, 2020) indicated groundwater at between approximately 7½ and 9 feet bgs. The Seismic Hazard Zone Report for the San Jose West Quadrangle (CDMG, 2002) indicates a historic high groundwater level of less than 10 feet. It is possible that transient, saturated ground conditions at shallower depths could develop during periods of heavy precipitation, landscape watering, leaking water lines, or other unforeseen causes. Variations in groundwater levels should be expected seasonally, annually, and from location to location. Groundwater is not expected to impact the construction of the proposed structures.

2.5 Laboratory Evaluation

Selected samples of the subsurface soils encountered were returned to our laboratory for further evaluation to aid in classification of the materials, and to help assess their strength, plasticity and expansive nature. The laboratory evaluation consisted of visual and textural examinations, moisture and density tests, Atterberg Limits testing, direct shear testing, consolidation testing, percent passing the No. 200 sieve, and expansion index testing. Sulfate, chloride, pH and minimum resistivity testing were also performed to assist in evaluating the corrosive potential of the site soils. A brief discussion of the laboratory tests performed, and a portion of the test results are presented in Appendix B. The remainder

of the test results are shown in the text of this report or on the boring logs in Appendix A. Samples that were not altered by laboratory testing will be retained for 30 days from the date of this report and will then be discarded.

3.0 SEISMIC CONSIDERATIONS

3.1 Regional Seismicity

Generally, seismicity within California can be attributed to faulting due to regional tectonic movement. This includes the Monte Vista-Shannon Fault, the San Andreas Fault, and most parallel and subparallel faulting within the State. The portion of California which includes the subject site is considered seismically active. Seismic hazards within the site can be attributed to potential groundshaking resulting from earthquake events along nearby or more distant faults.

According to regional geologic literature (Blake, 2000), the closest known late Quaternary faults are the Monte Vista-Shannon Fault, the Hayward Fault and the San Andreas Fault, located approximately 7.6, 9.3 and 10.3 miles from the site, respectively. The USGS Quaternary Fault Database (USGS, 2019) indicates that the closest mapped trace of the Monte Vista-Shannon Fault is located about 5.7 miles southwest of the subject site. Several potentially active and pre-Quaternary faults also occur within the regional vicinity. The site is subject to a Maximum Magnitude Event of 7.9 Magnitude along the San Andreas Fault. The Maximum Magnitude Event is defined as the maximum earthquake that appears capable of occurring under the presently known tectonic framework.

3.2 Seismic Analysis

According to the Alquist-Priolo Special Studies Zones Act of 1972 (revised 1994), active faults are those that have been shown to display surface rupture during the last 11,000 years (i.e., Holocene time). This site is not currently situated within a mapped Earthquake Fault Zone (CGS, 2019; CSC, 2012) and PSI did not observe any mapped faults crossing the site on readily available resources (Dibblee, 2007; USGS, 2019).

The site will be affected by seismic shaking as a result of earthquakes on major active faults located throughout the northern California area. As part of the current, 2019 California Building Code (CBC), the design of structures must consider dynamic forces resulting from seismic events. These forces are dependent upon the magnitude of the earthquake event as well as the properties of the soils that underlie the site. As part of the procedure to evaluate seismic forces, the code requires the evaluation of the Seismic Site Class, which categorizes the site based upon the characteristics of the subsurface profile within the upper 100 feet of the ground surface.

To define the Site Class for this project, we interpreted the results of our soil CPT probes advanced within the project site to a depth of up to 100 feet bgs and performed shear wave velocity measurements at approximately 5-foot intervals in the 100-foot deep probe, SCPT-1. The average shear wave velocity in the upper 100 feet of the soil column was determined to be about 765 feet per second. The data are presented after the CPT logs in Appendix A. To evaluate the Site Class, we also took into account data available in published geologic reports as well as our experience with subsurface conditions in the general site area. Based upon this, the subsurface conditions within the site are consistent within the characteristics of **Site Class D** (stiff soil profile).

In accordance with the 2019 California Building Code (CBSC, 2019), the USGS probabilistic ground acceleration values (ASCE 7-16) for latitude 37.3539° and longitude -121.9561° obtained from the U.S. Seismic Design Maps webpage (SEAOC-OSHPD, 2019), using the 2015 NEHRP option, are presented in the following table:

Ground Motion Values*

Period (sec)	Mapped MCE Spectral Response Acceleration**(g)		Site Coefficients		Adjusted MCE_R Spectral Response Acceleration (g)		Design Spectral Response Acceleration (g)	
0.2	S_s	1.5	F_a	1	S_{MS}	1.5	S_{DS}	1
1.0	S_1	0.6	F_v	1.7+	S_{M1}	1.02+	S_{D1}	0.68+

**2% Probability of Exceedance in 50 years* *+See CBC Section 11.4.7*
***At B-C interface (i.e. top of bedrock)*
MCE_R = Maximum Considered Earthquake

The Site Coefficients, F_a and F_v presented in the above table were also obtained from the noted Seismic Design Maps webpage as a function of the site classification and mapped spectral response acceleration at the short (S_s) and 1-second (S_1) periods but can also be interpolated from CBC Tables 1613.2.3(1) and 1613.2.3(2).

ASCE 7-16 and the 2019 CBC require a site-specific ground motion analysis for Site Class D sites where the seismic parameter S_1 is greater than 0.2. For this site, the seismic parameter S_1 exceeds 0.2. As noted in the code, an exception is allowed so that a site-specific analysis is not required, provided the seismic coefficient used by the structural engineer is determined as outlined in ASCE 7-16 and the 2019 CBC. Given the multiple level nature of the building, we anticipate that the allowable exclusion may not be appropriate, to be determined by the structural engineer. A site-specific ground motion analysis was not included in our scope of work as part of this study. When the project is further along in the design process, PSI should be contacted so that a scope of work change order for a site-specific ground motion hazard analysis can be prepared, if needed.

3.3 Hazard Assessment

Shallow Ground Rupture – Evidence of active fault rupture was not observed within the explored areas of the site at the time of our subsurface exploration and as noted above, PSI did not observe any mapped faults crossing the site in readily available resources. The site is not within any State or County Earthquake Fault Hazard Zones (CGS, 2019; CSC, 2012). As such, the potential for ground rupture from faulting at the site is considered to be low.

Seismically-Induced Dry Settlement of Soils – Based on the results of the liquefaction analysis (noted below) and depth to groundwater, estimated dry settlement (settlement above the water table) at both of the CPT locations was estimated to be negligible. Therefore, dry settlement is not considered a design constraint for this project.

Liquefaction-Induced Settlement – Soil liquefaction and seismically-induced settlement typically occur in saturated loose to medium dense cohesionless soils; and in clays and silts with low plasticity indexes and with moistures near their liquid limits, due to cyclic softening where the groundwater is relatively shallow (within 50 feet of the ground surface). During an earthquake, ground shaking causes a rapid increase in the porewater pressure within the soil mass under undrained conditions. The generation of excess porewater pressures causes a corresponding decrease in the soil's effective stress, which can result in a sudden loss of soil bearing strength and ground surface settlement within the liquefied (and softened) soil layers. Soil liquefaction potential is generally affected by soil types, groundwater, soil strength, ground acceleration, duration of shaking, and frequency content of the earthquake ground motion, among other factors.

The site lies within State and County mapped zones of potential liquefaction hazard (CDMG, 2002; CSC, 2012). Due to this mapping, a liquefaction evaluation was performed.

PSI's evaluation of soil liquefaction potential included the advancement of two CPT probes, SCPT-1 and CPT-2, to depths of approximately 100 and 60 feet bgs, respectively. Based on porewater dissipation data collected during our CPT explorations, groundwater was calculated to be near a depth of about 8 feet bgs. This is in general agreement with the Seismic Hazard Zone Report for the San Jose West Quadrangle (CDMG, 2002), which indicates a historic high groundwater level of less than 10 feet. We used a groundwater depth of 8 feet in our analysis for historic high and current conditions.

PSI evaluated the soil liquefaction potential in the saturated soils in general accordance procedures outlined by Boulanger and Idriss (2014). The procedure compares earthquake-induced cyclic shear stresses within a soil profile to the ability of the soils to resist these stresses. The stresses induced within the profile are estimated on the basis of the earthquake magnitude and the horizontal accelerations within the profile. The ability of the soils to resist these stresses are based on their strength characterized by cone tip resistance normalized for overburden pressures and corrected for factors such as fines content.

Soil liquefaction potential and seismically-induced settlement was estimated using computer program CLiq (version V.3.0.3.4), developed by Geologismiki Geotechnical Software. The program estimates the extent and depth of liquefaction within the CPT subsurface profile corresponding to input ground surface acceleration and earthquake magnitudes consistent with a design-level earthquake event. A predominant earthquake magnitude of 7.9 was used for this analysis (CGS SHZR-058, 2005) along with a horizontal ground acceleration (PGA_M) of 0.56g and a groundwater level of 8 feet below the existing surface grade. The design-level earthquake magnitude and peak ground acceleration are based on requirements of the 2019 CBC.

The results of this analysis are presented in Appendix B, which show that the estimated total seismic settlement of saturated soils (settlement below the water table) at both of the CPT locations was estimated to be less than 1 inch. As such, seismically-induced settlement due to liquefaction is not considered to be a design consideration for this site. Additionally, based on a review of the site topography and on the lack of significant liquefiable soil, PSI does not believe lateral spread to be a concern for this project.

Landsliding and Slope Stability - The project site is relatively flat and is not within an area mapped by the State or County as being within a Seismic Hazard Zone for landsliding (CDMG, 2002; CSC 2012). As such, landsliding is not considered a hazard on, or adjacent to the project site.

Tsunamis and Seiches - Inundation by tsunamis (seismic or "tidal waves") or seiches ("tidal waves" in confined bodies of water) are not considered to be a significant threat to the subject site due to the elevation of the site and the absence of proximal large bodies of water.

4.0 GEOTECHNICAL RECOMMENDATIONS

4.1 General

Soil deposits, generally consisting of clay, silt, sand, and gravel were encountered at the site. Fine grained soils were observed to be soft to stiff, while coarse soils were observed to be loose to dense. Based on the results of our field exploration, the site soils appear to be suitable for foundation support provided the recommendations in this report are followed. It is our opinion that the proposed structure may be supported by conventional shallow foundations bearing on existing soils and/or properly compacted Engineered Fill, as recommended below in this report.

The proposed construction at the site should be performed in accordance with the following recommendations, the current edition of the California Building Code, and local governmental standards which have jurisdiction over this project. Our recommendations have been developed on the basis of the described project characteristics and subsurface conditions encountered. If there are any changes in these project criteria, including project location on the site, a review should be made by PSI to determine if modifications to the recommendations are warranted.

Once final design plans and specifications are available, a general review by PSI is recommended to check that the evaluations made in preparation of this report are correct and that earthwork and foundation recommendations are properly interpreted and implemented.

4.2 Site Preparation

At the time of our field exploration, the site was developed with an existing structure, paved parking and drive areas and landscaped areas with shrubs and mature trees. Initial site preparation should include demolition of the existing structures and their foundations and removal of pavements, with off-site disposal of all associated debris. Prior to construction, the location of any existing underground utility lines within the construction area should be established. Provisions should be made to relocate or remove any interfering utility lines within the construction area to appropriate locations. The development area should also be cleared of surface vegetation, trees, shrubs, and debris. As a minimum, it is recommended the clearing operations extend at least five feet beyond the proposed building and pavement perimeters, where possible. We recommend that at the time of initial site stripping and grading, that PSI be retained to observe the subgrade conditions to verify that no potentially deleterious soils are present. All materials generated by the stripping operations should be legally disposed off-site.

For any trees, shrubs or other landscaping planned for removal, the root system of these trees and/or shrubs should be thoroughly grubbed. Removal of trees and shrubs should also include removal of their stumps and root balls which can extend to several feet below grade. The cavity created by the removal of the roots and of all loose material should be excavated in a dish shape to provide access for compaction equipment. The dished area should be scarified a minimum of 6 inches, moisture-conditioned, and recompacted to the subgrade surface with engineered fill in accordance with the recommendations of "Section 4.3 – Engineered Fill."

If desired, the existing asphalt pavement can be milled and recycled for use off site, or can be milled and stockpiled for use in new pavement areas at the site, or can be bull-dozed/crushed/cleared from the limits of the planned building and removed from the site. Milled or crushed asphalt pavement materials are not to be used within the limits of the planned building for any purpose due to the presence of petroleum.

Following site clearing and lowering of site grades, where necessary, we recommend that the exposed subgrade soils within the new building and pavement areas be proof-rolled with a heavy rubber-tired piece of construction equipment (minimum 15 ton) approved by and in the presence of the geotechnical engineer. Proof rolling is recommended to include at least 4 passes, two in each perpendicular direction. Any soil that excessively yields or ruts during the proof-roll operation should be removed as recommended by the geotechnical engineer.

All grading operations should be performed in accordance with our recommendations, the requirements of the current edition of the CBC, and local governmental standards which have jurisdiction over this project.

4.3 Engineered Fill

Engineered Fill material required at this site should not contain rocks greater than 3-inches in diameter or have greater than 30 percent retained on the ¾-inch sieve and should not contain more than 3 percent (by weight) of organic matter or other unsuitable material. The Expansion Index (EI) for the material should not exceed 50. Based on our laboratory testing, which indicates an EI of 42, the near-surface existing on-site clay soils are anticipated to be suitable for use as engineered fill, however, this should be confirmed by a PSI representative during grading. Samples of on-site and import materials should be tested and approved by the Geotechnical Engineer prior to use as Engineered Fill.

Engineered Fill should be compacted to at least 90 percent of the maximum dry density as determined by the modified Proctor (ASTM D1557). The moisture content of Engineered Fill should be maintained within about 2 to 4 percent above the fill's optimum moisture content (clayey soils) [$\pm$2 percent for granular soils], as determined by the same index during compaction. If the Engineered Fill is too dry, water should be uniformly applied across the affected fill area. If the Engineered Fill is too wet, it must be dried. In either event, the Engineered Fill should be thoroughly mixed by disking to obtain relatively uniform moisture content throughout the lift immediately prior to compaction.

Engineered Fill should be placed in maximum lifts of 8-inches of loose material. Each lift of Engineered Fill should be tested by a PSI soils technician, working under the direction of our Project Geotechnical Engineer, prior to placement of subsequent lifts.

Compaction of the backfill should be checked with a sufficient number of density tests by a representative of the Geotechnical Engineer to determine if adequate compaction is being achieved by the contractor. The properly compacted Engineered Fill should extend horizontally outward beyond the exterior perimeter of the foundations, or pavements, a distance equal to the height of fill prior to significant sloping.

4.4 Excavations

Excavation and construction operations for the foundations may expose the on-site soils to inclement weather conditions. The stability of exposed soils will rapidly deteriorate due to drying or wetting or the action of heavy or repeated construction traffic. Accordingly, foundation area excavations and pavement subgrade areas should be adequately protected from the elements, and from the action of repetitive or heavy construction loading.

4.4.1 Excavations/Slopes

In Federal Register, Volume 54, No. 209 (October 1989), the United States Department of Labor, Occupational Safety and Health Administration (OSHA) amended its "Construction Standards for Excavations, 29 CFR, part 1926, subpart P." This document was issued to better ensure the safety of personnel entering trenches or excavations. It is mandated by this federal regulation that excavations, whether they be utility trenches, basement excavations, or footing excavations, be constructed in accordance with the new OSHA guidelines. It is PSI's understanding that these regulations are being strictly enforced and if they are not closely followed, the owner and the contractor could be liable for substantial penalties.

The contractor is solely responsible for designing and constructing stable, temporary excavations and should shore, slope, or bench the sides of the excavations as required to maintain stability of both the excavation sides and bottom. The contractor's "responsible person," as defined in 29 CFR Part 1926, should evaluate the soil exposed in the excavations as part of the contractor's safety procedures. In no case should slope height, slope inclination, or excavation depth, including utility trench excavation depth, exceed those specified in local, state, and federal state regulations.

PSI classifies the lean clay, silt and silty sand encountered within the upper 7 to 10 feet of the borings as an OSHA Type B soil, provided groundwater is not observed. Though not anticipated, if groundwater or perched water is observed in excavation areas, PSI should be notified and allowed to reassess our temporary sloping recommendations. In our opinion, temporary excavations in dry conditions may be safely sloped or shored. Such slopes should not be steeper than a maximum of 1 horizontal to 1 vertical (1H:1V). The contractor should be aware that excavation and shoring should conform to the requirements specified in the applicable local, state, and federal safety regulations, such as OSHA Health and Safety Standards for Excavations, 29 CFR Part 1926, or successor regulations. PSI is providing this information solely as a service to our client. PSI does not assume responsibility for construction site safety or the contractor's or other parties' compliance with local, state, and federal safety or other regulations.

4.4.2 Utility Trench Backfill

Utility trenches below the slab, footings and pavement areas should be backfilled with engineered fill above bedding and shading fill. Bedding and shading fill around utilities is typically performed with granular soil according to local recommendations. PSI recommends bedding and shading consist of clean sand having a sand equivalent (SE) of at least 30. Where utilities cross building perimeters, concrete or concrete slurry should be used for backfill around the utility to prevent moisture from migrating along the utility trench and entering the building envelope.

4.5 Foundations

Following site preparation as recommended in Section 4.2 of this report, it is our opinion that the proposed structure can be supported by shallow foundations bearing on native soil or Engineered Fill. Footings should be established at a minimum depth of 2 ft below the lowest adjacent finished grade. In addition, isolated column and continuous footings should have a minimum width of at least 3 and 1.5 ft, respectively. We recommend the use of a smooth-edged excavator to make the footing excavations. A geotechnical engineering representative should observe the footing subgrade at the time of excavation. Based primarily on settlement considerations, footings established in accordance with these criteria can be designed on the basis of an allowable soil bearing pressure of 2,500 pounds per square foot (psf) This allowable soil bearing capacity may also be increased by one-third for short term wind and/or seismic loads. If fill and/or other unsuitable soils are encountered at footing depth, the unsuitable material should be over excavated to firm subgrade material and replaced with granular structural fill compacted to 95 percent of modified proctor (ASTM D1557).

For resistance to lateral loads, an allowable friction factor of 0.35 between the base of the foundation elements and underlying material is recommended. In addition, an allowable passive resistance equal to an equivalent fluid weighing 300 pounds per cubic foot (pcf) acting against the foundation may be used to resist lateral forces. This design passive earth pressure assumes granular structural fill is used to backfill the footing excavation or the footings will be neat formed in situ.

The foundation excavations should be observed and tested by a representative of PSI prior to steel or concrete placement to assess that the foundation materials are capable of supporting the design loads and are consistent with the material discussed in this report. Foundation excavations should be observed, and concrete placed as quickly as possible to avoid exposure of the footing bottoms to wetting and drying. Surface run-off water should be drained away from the excavations and not be allowed to pond. If it is required that footing excavations be left open for more than one day, they should be protected to reduce evaporation or entry of moisture.

PSI estimates that foundations designed and constructed in accordance with the recommendations herein will experience total static settlements generally less than 1 inch with differential settlement along a 40-foot-long portion of a continuous footing, or similarly spaced pad footings, of less than ½-inch

4.6 Concrete Slabs-On-Grade

The floor slabs should be supported on a properly prepared subgrade as recommended in Section 4.2 of this report. We recommend the slab-on-grade in the embedded parking level be underlain by at least 8 in. of crushed rock, such as ¾-in.-minus material. In our opinion, a coefficient of subgrade reaction (k) of 175 pci can be assumed to characterize the support with a minimum thickness of 8 in. of crushed rock.

Due to the presence of low expansive soils, we recommend that the expansive subgrade beneath the floor slab and rock layer be moisture conditioned to at least 2 to 4 percent of the soil's optimum moisture content to a depth of at least 12 inches prior to concrete placement. Testing by the geotechnical engineer is recommended to confirm adequate moisture conditioning.

As discussed previously, we anticipate the local groundwater table occurs at a depth below the planned lowest floor level. However, if moisture-sensitive materials may be placed directly on the floor, we recommend the slab-on-grade be underlain by at least 8 in. of clean granular material to provide uniform support and minimize the risk of capillary rise of moisture. Granular material, such as ¾- to ¼-in. crushed rock having less than 2% passing the No. 200 sieve would be suitable for this purpose. The crushed rock should be compacted until it is well keyed. In addition, it may be appropriate to install a 10-mil durable vapor-retarding membrane beneath the slab-on-grade to limit the risk of damp floors in areas that will have moisture-sensitive materials placed directly on the floor. The vapor-retarding membrane should be installed in accordance with the manufacturer's recommendations.

4.8 Drainage Considerations

Surface water must not pond adjacent to the foundations. To preclude drainage problems, we recommend continuous roof gutters for the proposed structure. We recommend that roof drains be connected to a tight-line pipe leading to storm drain facilities or other suitable discharge locations. Pavement surfaces and open space areas should be sloped such that surface water runoff is collected and routed to suitable discharge points away from the building.

A positive slope gradient of 5 percent down and away from the building perimeter should be applied to the finished subgrade. This slope should extend no less than 10 feet away from the outside building perimeter, with drainage swales provided to remove runoff from around the structure. Any utility trench that enters the perimeter of a structure should be excavated with a slight slope down and away from the structure.

Landscaping and irrigation should not be placed within 5 feet of the proposed structure. Trees and shrubs should be positioned a distance away from the structure equal to half of their mature height. Where concrete flatwork such as sidewalks are placed next to the structure, concrete should be placed adjacent to the foundation to prevent a planter strip that would trap surface water between the foundation and the sidewalk. If vegetation is planted near the buildings, plants that require very little moisture should be used. Irrigation systems (drip and/or sprinkler heads) should not direct water where it could saturate foundation soil. If landscaping is desired closer to the building, moisture barriers may be constructed adjacent to the foundations to minimize infiltration below. Details can be provided during plan check.

Water should not be allowed to collect in the foundation excavation, on floor slab areas, or on prepared subgrades of the construction area either during or after construction. Positive site drainage away from excavation areas should be established to minimize the flow of surface runoff or rainwater into the excavations. Undercut or excavated areas should be sloped toward one corner to facilitate removal of any collected rainwater, groundwater, or surface runoff.

4.9 Pavement Recommendations

Preparation of the subgrade soils for new pavements should be prepared in general accordance with the site preparation recommendations (Section 4.2). While specific traffic loads and volumes for the project have not been provided, we are providing recommended light-duty and medium to heavy-duty pavement

sections, which have been successfully utilized for this type of development in the project area with similar traffic loading. For these pavement sections, we have assumed an R-value of 18 for the site subgrade soils and a Traffic Index of 5.0 and 7.0 for the light duty and medium to heavy-duty sections, respectively. R-value testing should be performed on the actual pavement subgrade material at the time of site grading.

Asphaltic Concrete (AC):

Light Duty (Automobile Parking; TI=5)
3 inches Asphalt Concrete (Caltrans Standard Specs. Section 39)
8 inches Class II Aggregate Base (Caltrans Standard Specs. Section 26)

Medium to Heavy-Duty (Entrance and Drive Lanes; TI=7)
4 inches Asphalt Concrete (Caltrans Standard Specs. Section 39) over
12 inches Class II Aggregate Base (Caltrans Standard Specs. Section 26)

In all pavement areas, all aggregate base and the upper 12 inches of subgrade should be compacted to at least 95 percent of the maximum dry density as determined by ASTM Designation D1557. All materials and methods of construction should conform to good engineering practices and be in conformance with the requirements of the local jurisdiction.

As an alternate, concrete pavement could also be used at the site. Based on the near surface soil encountered in the borings, it is our opinion that a modulus of subgrade reaction (k) of 125 pounds per square inch per inch (psi/in) is suitable for all the concrete pavement sections, given the presence of the underlying base course. Based on this, we offer the following concrete pavement recommendations:

Portland Cement Concrete (PCC):

Light Duty Section (TI=5)

- 5½ inches Portland Cement Concrete
- 4 inches Class II Aggregate Base

Medium to Heavy Duty Section (TI=7)

- 6 inches Portland Cement Concrete
- 4 inches Class II Aggregate Base

Based on our local experience, rigid concrete pavements are considered to be a part of the civil site work package and the concrete mix design specifications and rebar reinforcement detailing is developed as part of the project specifications, typically by the Civil Engineer. Minimum cement contents and cementitious material replacement specifications should consider the time of year for concrete placement for optimal material performance. The design project engineer of record is best qualified to be familiar with the project schedule and to establish those parameters. Making some typical assumptions, however, PSI provides the following recommendations.

PSI recommends that the concrete should have a minimum 28-day compressive strength of 4,000 psi. The concrete pavements should be properly reinforced and jointed (per ACI requirements). Concrete

water/cement ratios should be kept below 0.5 to reduce shrinkage cracking. Curing and finishing of concrete should be properly performed to limit curling.

Saw cut control joints should be placed at maximum 15-foot intervals and should be cut at a depth of at least one-quarter of the pavement thickness. Saw cut control joints spaced at 10 feet usually control cracking better than the 15-foot interval. Joints should be sawed within 12 hours of concrete placement, and preferably sooner. All joint spacing in large pavement areas should be spaced in accordance the American Concrete Institute (ACI) standard or other local requirements, if stricter than those set by ACI. Expansion joints should be used wherever the pavement will abut a structural element subject to a different magnitude of movement, such as: light poles, retaining walls, or manholes. Expansion joints should be sealed with a polyurethane sealant so that moisture infiltration into the subgrade soils and resultant concrete deterioration at the joints is minimized.

The above recommended pavement sections represent minimum design thicknesses and, as such, periodic maintenance should be anticipated. Also, these recommended pavement sections should be confirmed or modified by your Civil Engineer, based on actual traffic and the owner's requirements. The pavement section materials and construction should comply with Caltrans Standard Specifications and local municipality requirements.

Where pavement areas are adjacent to heavily watered landscaping areas, we recommend some measure of moisture control be taken to prevent the subgrade soils from becoming saturated. It is recommended that the concrete curbing adjacent to landscape areas extend into the prepared subgrade to reduce the potential for irrigation water to saturate subgrade soils.

4.10 Construction Monitoring

It is recommended that PSI be retained to examine and identify soil exposures created during project construction to document that soil conditions are as anticipated. We further recommend that any Engineered Fills be continuously observed and tested by our representative to evaluate the thoroughness and uniformity of their compaction. Samples of fill materials proposed for compaction should be submitted to our laboratory for evaluation at least 3 days prior to placement of fills on site. Costs for the recommended observations during construction are beyond the scope of this current consultation. A proposal for construction testing and inspection can be provided if desired.

5.0 GENERAL

Our conclusions and recommendations described in this report are subject to the following general conditions:

5.1 Use of Report

This report is for the exclusive use of Charities Housing and their representatives to use for the design of the proposed structures described herein and preparation of construction documents. The data, analyses, and recommendations may not be appropriate for other structures or purposes. We recommend that parties contemplating other structures or purposes contact us. In the absence of our written approval, we make no representation and assume no responsibility to other parties regarding this report.

Prior to the grading and structural plans being submitted, PSI should be retained to provide the opportunity to review to check that our engineering recommendations have been properly incorporated into the design documents.

5.2 Limitations

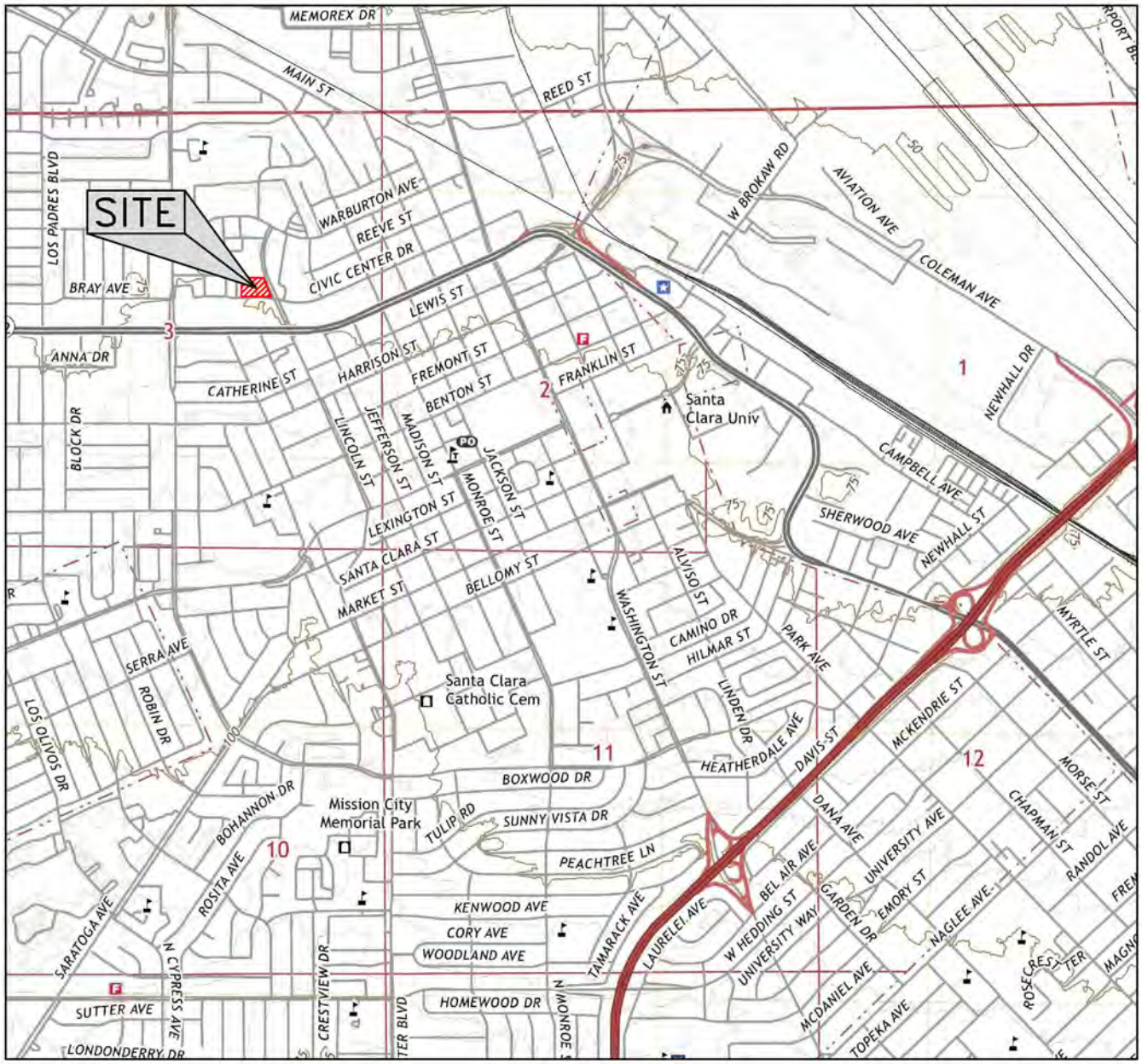
The recommendations contained in this report are based on the available subsurface information obtained by PSI, and design details furnished for the proposed project. If there are any revisions to the plans for this project, or if deviations from the subsurface conditions noted in this report are encountered during construction, PSI should be notified immediately to determine if changes in the foundation recommendations are required. If PSI is not retained to perform these functions, PSI will not be responsible for the impact of those conditions on the project.

Services performed by PSI for this project have been conducted with that level of care and skill ordinarily exercised by members of the profession currently practicing in this area. No warranty, expressed or implied, is made.

6.0 REFERENCES

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FIGURES



NORTH

0 1/2 1 MILE

SCALE

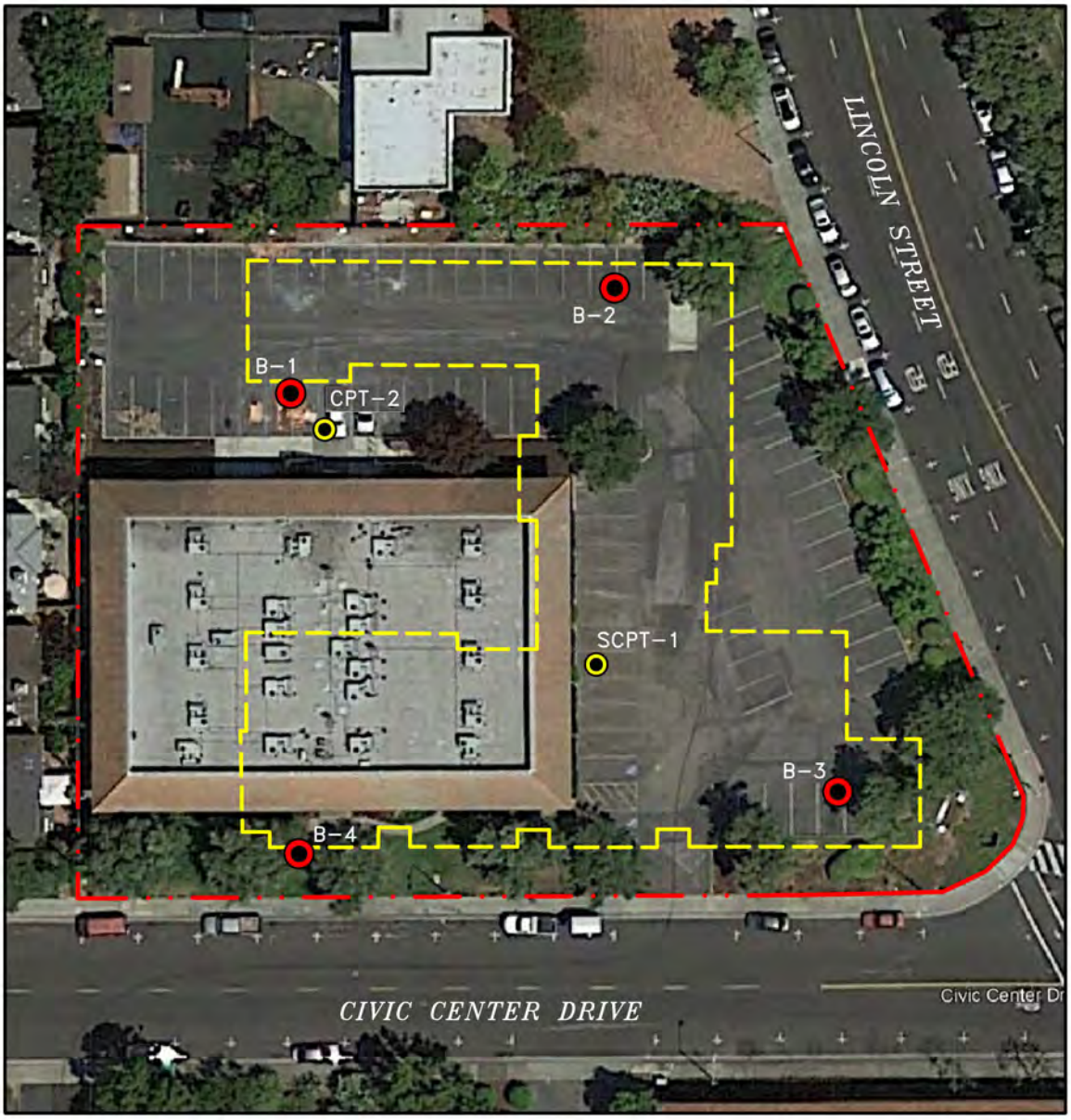
REFERENCE

U.S.G.S. SAN JOSE WEST, CALIFORNIA, 7.5 MINUTE SERIES TOPOGRAPHIC MAP, DATED 2018.

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Project Name:	Drawn By:	Date:	File No.:	Figure No.:
PROPOSED MULTIFAMILY DEVELOPMENT *1601 CIVIC CENTER DRIVE, SANTA CLARA, CALIFORNIA*	*M.U.*	*11/20*	*1729-1-1*	*1*
Title: SITE LOCATION MAP	**Approved By:** *D.A.*	**Project No.:** *575-1729-1*		



LEGEND

- PROPERTY BOUNDARY
- PROPOSED STRUCTURE
- CPT-2 – CONE PENETRATION TEST LOCATION (2019)
- B-4 – MUD-ROTARY BORING LOCATION (2020)

0 60 120ft

APPROXIMATE SCALE

NOTES

ALL LOCATIONS SHOWN ARE APPROXIMATE.

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Project Name:	Drawn By:	Date:	File No.:	Figure No.:
PROPOSED MULTIFAMILY DEVELOPMENT 1601 CIVIC CENTER DRIVE, SANTA CLARA, CALIFORNIA	M.U.	11/20	1729-1-2	2
Title: SITE PLAN AND BORING LOCATION MAP	**Approved By:** D.A.	**Project No.:** 575-1729-1		

APPENDIX A

EXPLORATION LOGS AND DRILLING PERMIT

GENERAL NOTES

SAMPLE IDENTIFICATION

The Unified Soil Classification System (USCS), AASHTO 1988 and ASTM designations D2487 and D-2488 are used to identify the encountered materials unless otherwise noted. Coarse-grained soils are defined as having more than 50% of their dry weight retained on a #200 sieve (0.075mm); they are described as: boulders, cobbles, gravel or sand. Fine-grained soils have less than 50% of their dry weight retained on a #200 sieve; they are defined as silts or clay depending on their Atterberg Limit attributes. Major constituents may be added as modifiers and minor constituents may be added according to the relative proportions based on grain size.

DRILLING AND SAMPLING SYMBOLS

SFA: Solid Flight Auger - typically 4" diameter flights, except where noted.
HSA: Hollow Stem Auger - typically 3¼" or 4¼ I.D. openings, except where noted.
M.R.: Mud Rotary - Uses a rotary head with Bentonite or Polymer Slurry
R.C.: Diamond Bit Core Sampler
H.A.: Hand Auger
P.A.: Power Auger - Handheld motorized auger

SS: Split-Spoon - 1 3/8" I.D., 2" O.D., except where noted.
ST: Shelby Tube - 3" O.D., except where noted.
BS: Bulk Sample
PM: Pressuremeter
CPT-U: Cone Penetrometer Testing with Pore-Pressure Readings

SOIL PROPERTY SYMBOLS

N: Standard "N" penetration: Blows per foot of a 140 pound hammer falling 30 inches on a 2-inch O.D. Split-Spoon.
N_{60}: A "N" penetration value corrected to an equivalent 60% hammer energy transfer efficiency (ETR)
Q_u: Unconfined compressive strength, TSF
Q_p: Pocket penetrometer value, unconfined compressive strength, TSF
w%: Moisture/water content, %
LL: Liquid Limit, %
PL: Plastic Limit, %
PI: Plasticity Index = (LL-PL),%
DD: Dry unit weight, pcf
▼,▽,▼ Apparent groundwater level at time noted

RELATIVE DENSITY OF COARSE-GRAINED SOILS

Relative Density	N - Blows/foot
Very Loose	0 - 4
Loose	4 - 10
Medium Dense	10 - 30
Dense	30 - 50
Very Dense	50+

ANGULARITY OF COARSE-GRAINED PARTICLES

Description	Criteria
Angular:	Particles have sharp edges and relatively plane sides with unpolished surfaces
Subangular:	Particles are similar to angular description, but have rounded edges
Subrounded:	Particles have nearly plane sides, but have well-rounded corners and edges
Rounded:	Particles have smoothly curved sides and no edges

GRAIN-SIZE TERMINOLOGY

Component	Size Range
Boulders:	Over 300 mm (>12 in.)
Cobbles:	75 mm to 300 mm (3 in. to 12 in.)
Coarse-Grained Gravel:	19 mm to 75 mm (¾ in. to 3 in.)
Fine-Grained Gravel:	4.75 mm to 19 mm (No.4 to ¾ in.)
Coarse-Grained Sand:	2 mm to 4.75 mm (No.10 to No.4)
Medium-Grained Sand:	0.42 mm to 2 mm (No.40 to No.10)
Fine-Grained Sand:	0.075 mm to 0.42 mm (No. 200 to No.40)
Silt:	0.005 mm to 0.075 mm
Clay:	<0.005 mm

PARTICLE SHAPE

Description	Criteria
Flat:	Particles with width/thickness ratio > 3
Elongated:	Particles with length/width ratio > 3
Flat & Elongated:	Particles meet criteria for both flat and elongated

RELATIVE PROPORTIONS OF FINES

Descriptive Term	% Dry Weight
Trace:	< 5%
With:	5% to 12%
Modifier:	>12%

GENERAL NOTES

(Continued)

CONSISTENCY OF FINE-GRAINED SOILS

Q_U - TSF	N - Blows/foot	Consistency
0 - 0.25	0 - 2	Very Soft
0.25 - 0.50	2 - 4	Soft
0.50 - 1.00	4 - 8	Medium Stiff
1.00 - 2.00	8 - 15	Stiff
2.00 - 4.00	15 - 30	Very Stiff
4.00 - 8.00	30+	Hard

MOISTURE CONDITION DESCRIPTION

Description	Criteria
Dry:	Absence of moisture, dusty, dry to the touch
Moist:	Damp but no visible water
Wet:	Visible free water, usually soil is below water table

RELATIVE PROPORTIONS OF SAND AND GRAVEL

Descriptive Term	% Dry Weight
Trace:	< 15%
With:	15% to 30%
Modifier:	>30%

STRUCTURE DESCRIPTION

Description	Criteria
Stratified:	Alternating layers of varying material or color with layers at least ¼-inch (6 mm) thick
Laminated:	Alternating layers of varying material or color with layers less than ¼-inch (6 mm) thick
Fissured:	Breaks along definite planes of fracture with little resistance to fracturing
Slickensided:	Fracture planes appear polished or glossy, sometimes striated
Blocky:	Cohesive soil that can be broken down into small angular lumps which resist further breakdown
Lensed:	Inclusion of small pockets of different soils
Layer:	Inclusion greater than 3 inches thick (75 mm)
Seam:	Inclusion 1/8-inch to 3 inches (3 to 75 mm) thick extending through the sample
Parting:	Inclusion less than 1/8-inch (3 mm) thick

SCALE OF RELATIVE ROCK HARDNESS

Q_U - TSF	Consistency
2.5 - 10	Extremely Soft
10 - 50	Very Soft
50 - 250	Soft
250 - 525	Medium Hard
525 - 1,050	Moderately Hard
1,050 - 2,600	Hard
>2,600	Very Hard

ROCK BEDDING THICKNESSES

Description	Criteria
Very Thick Bedded	Greater than 3-foot (>1.0 m)
Thick Bedded	1-foot to 3-foot (0.3 m to 1.0 m)
Medium Bedded	4-inch to 1-foot (0.1 m to 0.3 m)
Thin Bedded	1¼-inch to 4-inch (30 mm to 100 mm)
Very Thin Bedded	½-inch to 1¼-inch (10 mm to 30 mm)
Thickly Laminated	1/8-inch to ½-inch (3 mm to 10 mm)
Thinly Laminated	1/8-inch or less "paper thin" (<3 mm)

ROCK VOIDS

Voids	Void Diameter
Pit	<6 mm (<0.25 in)
Vug	6 mm to 50 mm (0.25 in to 2 in)
Cavity	50 mm to 600 mm (2 in to 24 in)
Cave	>600 mm (>24 in)

GRAIN-SIZED TERMINOLOGY

(Typically Sedimentary Rock)

Component	Size Range
Very Coarse Grained	>4.76 mm
Coarse Grained	2.0 mm - 4.76 mm
Medium Grained	0.42 mm - 2.0 mm
Fine Grained	0.075 mm - 0.42 mm
Very Fine Grained	<0.075 mm

ROCK QUALITY DESCRIPTION

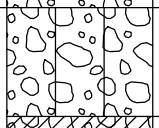
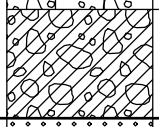
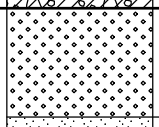
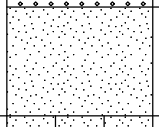
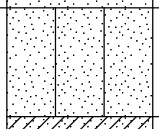
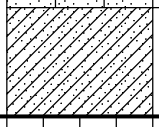
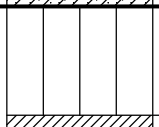
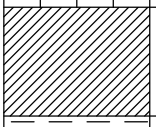
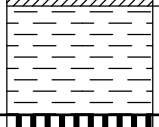
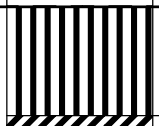
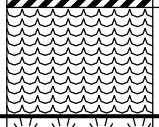
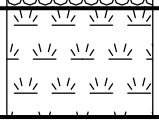
Rock Mass Description	RQD Value
Excellent	90 -100
Good	75 - 90
Fair	50 - 75
Poor	25 -50
Very Poor	Less than 25

DEGREE OF WEATHERING

Slightly Weathered:	Rock generally fresh, joints stained and discoloration extends into rock up to 25 mm (1 in), open joints may contain clay, core rings under hammer impact.
Weathered:	Rock mass is decomposed 50% or less, significant portions of the rock show discoloration and weathering effects, cores cannot be broken by hand or scraped by knife.
Highly Weathered:	Rock mass is more than 50% decomposed, complete discoloration of rock fabric, core may be extremely broken and gives clunk sound when struck by hammer, may be shaved with a knife.

SOIL CLASSIFICATION CHART

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS
			GRAPH	LETTER	
COARSE GRAINED SOILS MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

intertek psi

BORING B-1

DATE STARTED:	11/3/20	**DRILL COMPANY:**	Britton Exploration, Inc.
DATE COMPLETED:	11/3/20	**DRILLER:** Paul Britton	**LOGGED BY:** Manuel Uribe
COMPLETION DEPTH	61.5 ft	**DRILL RIG:**	CME 55
BENCHMARK:	N/A	**DRILLING METHOD:**	Solid Flight Auger/Mud Rotary
ELEVATION:	N/A	**SAMPLING METHOD:**	ST/SS; 3" CMS & SPT
LATITUDE:	37.354°	**HAMMER TYPE:**	Automatic
LONGITUDE:	-121.9562°	**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	Doug Abernathy

Water ▽ ▼ ▼

BORING LOCATION:

REMARKS:

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	Push Pressure (ST)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0, 25, 50) STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	0					2 inches asphalt over 3 inches aggregate					
				1	18	**Lean CLAY**, dark brown, moist, stiff	CL	5-7-10 N=17	16		DD = 117 pcf LL = 27 PL = 17 Expansion Index=42
				2	18			2-2-4 N=6	9 14		
						Silty SAND, medium brown, moist, loose, fine to coarse sand, trace fine gravel	SM				
	5			3	24	**Lean CLAY**, meidum olive-brown, moist, trace fine to medium sand	CL	400 psi	22		DD = 101 pcf
				4	18	**Sandy SILT**, medium olive-brown, moist, stiff, fine sand		3-4-5 N=9	19		
	10			5	18			3-5-7 N=12	25		DD = 107 pcf Passing #200=63%
				6	18	becomes soft	ML	0-1-1 N=2	29		
	15			7	24			400 psi	36		DD = 85 pcf
	20			8	18	**Lean CLAY**, dark olive-brown, moist, medium stiff	CL	2-5-7 N=12	36		DD = 85 pcf
						SILT, medium olive-brown, moist, soft, trace fine sand	ML				
	25					*Continued Next Page*					

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Professional Service Industries, Inc.
4703 Tidewater Avenue, Suite B
Oakland, CA 94601
Telephone: (510) 434-9200

PROJECT NO.: 575-1729
PROJECT: Charities Housing
LOCATION: Proposed Civic Center Family Housing
1601 Civic Center Drive
Santa Clara, California

The stratification lines represent approximate boundaries. The transition may be gradual.

BORING B-1

DATE STARTED:	11/3/20	**DRILL COMPANY:**	Britton Exploration, Inc.
DATE COMPLETED:	11/3/20	**DRILLER:** Paul Britton	**LOGGED BY:** Manuel Uribe
COMPLETION DEPTH	61.5 ft	**DRILL RIG:**	CME 55
BENCHMARK:	N/A	**DRILLING METHOD:**	Solid Flight Auger/Mud Rotary
ELEVATION:	N/A	**SAMPLING METHOD:**	ST/SS; 3" CMS & SPT
LATITUDE:	37.354°	**HAMMER TYPE:**	Automatic
LONGITUDE:	-121.9562°	**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	Doug Abernathy

Water ▽ ▼ ▽

BORING LOCATION:

REMARKS:

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	Push Pressure (ST)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0 25 50) STRENGTH, tsf ▲ Qu ✳ Qp (0 2.0 4.0)	Additional Remarks
	25			9	18	**SILT**, medium olive-brown, moist, soft, trace fine sand		0-1-2 N=3	29		Passing #200=78%
	30			10	18	becomes medium stiff	ML	1-3-3 N=6	32		
	35			11	18	becomes soft		0-1-1 N=2	21		
	40			12	18	becomes medium olive-grey		0-0-2 N=2	24		Passing #200=65%
	45			13	18	**Silty SAND**, medium olive-grey, moist, loose, fine sand	SM	1-1-7 N=8	25		
	50					**Sandy CLAY**, medium olive-grey, moist, medium stiff, fine sand	CL				

Continued Next Page

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BORING B-1

DATE STARTED:	11/3/20	**DRILL COMPANY:**	Britton Exploration, Inc.
DATE COMPLETED:	11/3/20	**DRILLER:** Paul Britton	**LOGGED BY:** Manuel Uribe
COMPLETION DEPTH	61.5 ft	**DRILL RIG:**	CME 55
BENCHMARK:	N/A	**DRILLING METHOD:**	Solid Flight Auger/Mud Rotary
ELEVATION:	N/A	**SAMPLING METHOD:**	ST/SS; 3" CMS & SPT
LATITUDE:	37.354°	**HAMMER TYPE:**	Automatic
LONGITUDE:	-121.9562°	**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	Doug Abernathy

Water

BORING LOCATION:

REMARKS:

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	Push Pressure (ST)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ / Moisture × / PL ◪ / LL ✚ (0, 25, 50) / STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	50			14	18	**Sandy CLAY**, medium olive-grey, moist, medium stiff, fine sand		1-2-4 N=6	26		
	55			15	18		CL	1-3-4 N=7	24		
	60			16	18	becomes stiff		1-4-7 N=11	25		
						End of boring at 61-1/2 feet below grade. Groundwater was not discernable due to mud rotary drilling method used. Borehole was backfilled with cement grout.					

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1601 Civic Center Drive
Santa Clara, California

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BORING B-2

DATE STARTED:	11/3/20	**DRILL COMPANY:**	Britton Exploration, Inc.
DATE COMPLETED:	11/3/20	**DRILLER:** Paul Britton	**LOGGED BY:** Manuel Uribe
COMPLETION DEPTH	61.5 ft	**DRILL RIG:**	CME 55
BENCHMARK:	N/A	**DRILLING METHOD:**	Solid Flight Auger/Mud Rotary
ELEVATION:	N/A	**SAMPLING METHOD:**	ST/SS; 3" CMS & SPT
LATITUDE:	37.3541°	**HAMMER TYPE:**	Automatic
LONGITUDE:	-121.9558°	**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	Doug Abernathy

Water ▽ ▼ ▼

BORING LOCATION:

REMARKS:

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	Push Pressure (ST)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0, 25, 50) STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	0					2-1/2 inches asphalt over 4 inches aggregate					
				1	18	**Gravelly SAND**, medium olive-brown, moist, medium dense, fine to coarse sand, fine gravel	SP	3-5-6 N=11	8		
				2	18	**Silty Lean CLAY**, medium olive-brown, moist, stiff	CL	3-5-7 N=12	22		LL = 40 PL = 24
	5			3	18	**Silty SAND**, medium olive-brown, moist, medium dense, fine to medium sand	SM	8-10-11 N=21	16		DD = 115 pcf
						Silty Lean CLAY, medium olive-brown, moist, trace fine sand	CL				
				4	18	**SAND**, medium brown, moist, loose, fine to medium sand	SP	2-3-3 N=6	21		
	10			5	24	**Sandy SILT**, medium brown, moist, medium stiff, fine to medium sand	ML	400 psi	33		DD = 88 pcf
	15			6	18	**Fat CLAY**, dark olive-brown, moist, medium stiff	CH	2-4-5 N=9	37		DD = 89 pcf
	20			7	24			400 psi	26		DD = 98 pcf
	25					**SAND with silt**, medium olive-grey, moist, medium dense, fine sand	SM				

Continued Next Page

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BORING B-2

DATE STARTED:	11/3/20	**DRILL COMPANY:**	Britton Exploration, Inc.
DATE COMPLETED:	11/3/20	**DRILLER:** Paul Britton	**LOGGED BY:** Manuel Uribe
COMPLETION DEPTH	61.5 ft	**DRILL RIG:**	CME 55
BENCHMARK:	N/A	**DRILLING METHOD:**	Solid Flight Auger/Mud Rotary
ELEVATION:	N/A	**SAMPLING METHOD:**	ST/SS; 3" CMS & SPT
LATITUDE:	37.3541°	**HAMMER TYPE:**	Automatic
LONGITUDE:	-121.9558°	**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	Doug Abernathy

Water

BORING LOCATION:

REMARKS:

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	Push Pressure (ST)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0, 25, 50) STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	25			8	18	**SAND with silt**, medium olive-grey, moist, medium dense, fine sand	SM	4-5-7 N=12	24		
						Sandy SILT, medium olive-grey, moist, stiff, fine sand					
	30			9	18	becomes medium stiff		3-5-7 N=12	27		DD = 107 pcf
	35			10	18	becomes soft	ML	0-1-1 N=2			
	40			11	18	trace fine sand		0-1-2 N=3	22		
	45			12	18	becomes stiff		3-4-5 N=9	22		
						Sandy lean CLAY, medium olive-grey, moist, soft, fine sand	CL				
	50					*Continued Next Page*					

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LOCATION: Proposed Civic Center Family Housing
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Santa Clara, California

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BORING B-2

DATE STARTED:	11/3/20	**DRILL COMPANY:**	Britton Exploration, Inc.
DATE COMPLETED:	11/3/20	**DRILLER:** Paul Britton	**LOGGED BY:** Manuel Uribe
COMPLETION DEPTH	61.5 ft	**DRILL RIG:**	CME 55
BENCHMARK:	N/A	**DRILLING METHOD:**	Solid Flight Auger/Mud Rotary
ELEVATION:	N/A	**SAMPLING METHOD:**	ST/SS; 3" CMS & SPT
LATITUDE:	37.3541°	**HAMMER TYPE:**	Automatic
LONGITUDE:	-121.9558°	**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	Doug Abernathy

Water

BORING LOCATION:

REMARKS:

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	Push Pressure (ST)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ / Moisture × / PL ◪ / LL ✚ (0, 25, 50) / STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	50			13	18	**Sandy lean CLAY**, medium olive-grey, moist, soft, fine sand	CL	0-0-3 N=3	26		
	55			14	18	becomes very stiff, sand becomes fine to coarse		11-11-18 N=29	29		
	60			15	18	**Gravelly SAND**, medium brown, moist, very dense, fine to coarse sand, fine to medium gravel, trace clay	SP	15-25-36 N=61	12	>>◎	
						End of boring at 61-1/2 feet below grade. Groundwater was not discernable due to mud rotary drilling method used. Borehole was backfilled with cement grout.					

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Santa Clara, California

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BORING B-3

DATE STARTED:	11/4/20	**DRILL COMPANY:**	Britton Exploration, Inc.
DATE COMPLETED:	11/4/20	**DRILLER:** Paul Britton	**LOGGED BY:** Brand Burfield
COMPLETION DEPTH	61.5 ft	**DRILL RIG:**	CME 55
BENCHMARK:	N/A	**DRILLING METHOD:**	Solid Flight Auger/Mud Rotary
ELEVATION:	N/A	**SAMPLING METHOD:**	ST/SS; 3" CMS & SPT
LATITUDE:	37.3536°	**HAMMER TYPE:**	Automatic
LONGITUDE:	-121.9556°	**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	Doug Abernathy

REMARKS:

Water ▽ While Drilling 12 feet

BORING LOCATION:

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	Push Pressure (ST)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0, 25, 50) STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	0					2-1/2 inches asphalt over 5 inches aggregate					
				1	18	**SILT**, dark brown, moist, very stiff, some clay, trace rootlets		6-16-19 N=35	15 13		Corrosion Suite
				2	18	becomes medium olive-brown		8-10-12 N=22	15		
	5			3	24		ML	600 psi	17		DD = 95 pcf
				4	18	becomes very moist, medium stiff		1-2-3 N=5	23		Passing #200=71%
	10			5	18			4-5-7 N=12	24		DD = 96 pcf
						Silty SAND, medium olive-brown with orange-brown, very moist, medium dense, fine sand	SM				
						Fat CLAY, medium olive-brown, wet, soft, few silt, trace rootlets					
				6	18	becomes dark brown		0-0-2 N=2	38		DD = 85 pcf LL = 57 PL = 26 Direct Shear Consolidation
	15			7	24		CH	350 psi	36		
	20			8	18	becomes medium olive-grey, very moist, medium stiff		2-2-3 N=5	33		
						Sandy fat CLAY, medium olive-grey, very moist, medium stiff, fine to medium sand	CH				
						Silty SAND, medium olive-brown with orange brown, wet, loose, fine sand	SM				
	25					*Continued Next Page*					

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COMPLETION DEPTH	61.5 ft	**DRILL RIG:**	CME 55
BENCHMARK:	N/A	**DRILLING METHOD:**	Solid Flight Auger/Mud Rotary
ELEVATION:	N/A	**SAMPLING METHOD:**	ST/SS; 3" CMS & SPT
LATITUDE:	37.3536°	**HAMMER TYPE:**	Automatic
LONGITUDE:	-121.9556°	**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	Doug Abernathy

REMARKS:

BORING B-3

Water While Drilling 12 feet

BORING LOCATION:

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	Push Pressure (ST)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft / Moisture / PL / LL (0, 25, 50) / STRENGTH, tsf Qu / Qp (0, 2.0, 4.0)	Additional Remarks
	25			9	18	**Silty SAND**, medium olive-brown with orange brown, wet, loose, fine sand	SM	2-3-4 N=7	23		
	30			10	18	becomes medium olive-grey, sand becomes fine to coarse **Clayey SILT**, medium olive-grey, wet, stiff	ML	4-4-7 N=11	25		
	35			11	18	**Sandy SILT**, medium olive-grey, wet, very stiff, fine sand	ML	1-8-10 N=18	18		
	40			12	18	**SILT**, medium olive-grey, wet, medium stiff	ML	0-1-3 N=4	25		
	45			13	18	**Silty SAND**, medium olive-grey, wet, medium dense, fine sand, few decayed rootlets	SM	6-9-12 N=21	22		DD = 112 pcf Harder drilling at 48 ft.
	50					**SAND**, medium olive-brown, wet, dense, trace fine gravel, trace silt	SW				

Continued Next Page

intertek psi
Professional Service Industries, Inc.
4703 Tidewater Avenue, Suite B
Oakland, CA 94601
Telephone: (510) 434-9200

PROJECT NO.: 575-1729
PROJECT: Charities Housing
LOCATION: Proposed Civic Center Family Housing
1601 Civic Center Drive
Santa Clara, California

The stratification lines represent approximate boundaries. The transition may be gradual.

BORING B-3

DATE STARTED:	11/4/20	**DRILL COMPANY:**	Britton Exploration, Inc.
DATE COMPLETED:	11/4/20	**DRILLER:** Paul Britton	**LOGGED BY:** Brand Burfield
COMPLETION DEPTH	61.5 ft	**DRILL RIG:**	CME 55
BENCHMARK:	N/A	**DRILLING METHOD:**	Solid Flight Auger/Mud Rotary
ELEVATION:	N/A	**SAMPLING METHOD:**	ST/SS; 3" CMS & SPT
LATITUDE:	37.3536°	**HAMMER TYPE:**	Automatic
LONGITUDE:	-121.9556°	**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	Doug Abernathy

Water While Drilling 12 feet

BORING LOCATION:

REMARKS:

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	Push Pressure (ST)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft / Moisture / PL / LL (0, 25, 50) / STRENGTH, tsf Qu / Qp (0, 2.0, 4.0)	Additional Remarks
	50			14	18	**SAND**, medium olive-brown, wet, dense, trace fine gravel, trace silt	SW	9-14-18 N=32	16		
	55			15	18	**Silty SAND**, medium olive, wet, loose, fine sand	SM	1-3-5 N=8	25		
	60			16	18	**Sandy GRAVEL**, medium olive-grey, wet, medium dense, fine to medium gravel, fine to coarse sand, few silt	GP	6-7-10 N=17	18		
						SAND, medium olive-grey, wet, fine sand	SP				
						End of boring at 61-1/2 feet below grade. Groundwater was encountered at about 12 feet below grade. Borehole was backfilled with cement grout.					

intertek psi

Professional Service Industries, Inc.
4703 Tidewater Avenue, Suite B
Oakland, CA 94601
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PROJECT NO.: 575-1729
PROJECT: Charities Housing
LOCATION: Proposed Civic Center Family Housing
1601 Civic Center Drive
Santa Clara, California

The stratification lines represent approximate boundaries. The transition may be gradual.

BORING B-4

DATE STARTED:	11/4/20	**DRILL COMPANY:**	Britton Exploration, Inc.
DATE COMPLETED:	11/4/20	**DRILLER:** Paul Britton	**LOGGED BY:** Brand Burfield
COMPLETION DEPTH	61.5 ft	**DRILL RIG:**	CME 55
BENCHMARK:	N/A	**DRILLING METHOD:**	Solid Flight Auger/Mud Rotary
ELEVATION:	N/A	**SAMPLING METHOD:**	ST/SS; 3" CMS & SPT
LATITUDE:	37.3536°	**HAMMER TYPE:**	Automatic
LONGITUDE:	-121.9562°	**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	Doug Abernathy

Water ▽ While Drilling 12 feet

BORING LOCATION:

REMARKS:

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	Push Pressure (ST)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0 25 50) STRENGTH, tsf ▲ Qu ✳ Qp (0 2.0 4.0)	Additional Remarks
	0			1	18	**SILT**, dark brown, damp, very stiff, few fine gravel, trace rootlets and organics		7-10-12 N=22	10		
				2	18	becomes medium brown, stiff		6-6-7 N=13	7		
	5			3	18	becomes very stiff, no gravel	ML	10-11-16 N=27	15		Passing #200=72%
				4	18	becomes medium olive-brown with orange-brown, moist, stiff, no rootlets		3-5-6 N=11	16		
	10			5	18	**Silty SAND**, medium olive-brown, moist, loose, fine sand	SM	1-1-2 N=3	23		
				6	24	**SILT with sand**, medium olive-brown, moist to very moist, soft, fine sand		300 psi	31		DD = 92 pcf LL = 43 PL = 28 Direct Shear Consolidation
	15			7	18	becomes wet, trace rootlets	ML	1-2-2 N=4	39		DD = 92 pcf
	20			8	24	becomes dark brown, very moist		350 psi	38		DD = 81 pcf
						SILT, medium olive-brown, wet, medium stiff, trace fine sand	ML				
	25					*Continued Next Page*					

intertek psi

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4703 Tidewater Avenue, Suite B
Oakland, CA 94601
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PROJECT NO.: 575-1729
PROJECT: Charities Housing
LOCATION: Proposed Civic Center Family Housing
1601 Civic Center Drive
Santa Clara, California

The stratification lines represent approximate boundaries. The transition may be gradual.

DATE STARTED:	11/4/20	**DRILL COMPANY:**	Britton Exploration, Inc.
DATE COMPLETED:	11/4/20	**DRILLER:** Paul Britton	**LOGGED BY:** Brand Burfield
COMPLETION DEPTH	61.5 ft	**DRILL RIG:**	CME 55
BENCHMARK:	N/A	**DRILLING METHOD:**	Solid Flight Auger/Mud Rotary
ELEVATION:	N/A	**SAMPLING METHOD:**	ST/SS; 3" CMS & SPT
LATITUDE:	37.3536°	**HAMMER TYPE:**	Automatic
LONGITUDE:	-121.9562°	**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	Doug Abernathy

REMARKS:

BORING B-4

Water ▽ While Drilling 12 feet

BORING LOCATION:

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	Push Pressure (ST)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ / Moisture × / PL ◪ / LL ✚ (0, 25, 50) / STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	25			9	18	**SILT**, medium olive-brown, wet, medium stiff, trace fine sand	ML	0-0-4 N=4	29		
	30			10	18	**Sandy SILT**, medium olive-brown with orange-brown, wet, stiff, fine sand	ML	2-3-6 N=9	24		
	35			11	18	**SAND**, dark olive-brown, wet, dense, fine to coarse sand, few fine gravel	SW	10-17-17 N=34	16		
	40			12	18	**Gravelly SAND**, dark olive-brown, wet, dense, fine to coarse sand, fine to medium gravel	SW	8-14-16 N=30	10		
	45			13	18	becomes medium olive-grey, medium dense, fine gravel, some silt		3-11-16 N=27	21		
						Silty SAND, medium olive-grey, wet, medium dense, fine to coarse sand	SM		17		
	50					**SILT**, medium olive-grey, wet, stiff, trace fine sand	ML				

Continued Next Page

intertek psi
Professional Service Industries, Inc.
4703 Tidewater Avenue, Suite B
Oakland, CA 94601
Telephone: (510) 434-9200

PROJECT NO.: 575-1729
PROJECT: Charities Housing
LOCATION: Proposed Civic Center Family Housing
1601 Civic Center Drive
Santa Clara, California

The stratification lines represent approximate boundaries. The transition may be gradual.

BORING B-4

DATE STARTED:	11/4/20	**DRILL COMPANY:**	Britton Exploration, Inc.
DATE COMPLETED:	11/4/20	**DRILLER:** Paul Britton	**LOGGED BY:** Brand Burfield
COMPLETION DEPTH	61.5 ft	**DRILL RIG:**	CME 55
BENCHMARK:	N/A	**DRILLING METHOD:**	Solid Flight Auger/Mud Rotary
ELEVATION:	N/A	**SAMPLING METHOD:**	ST/SS; 3" CMS & SPT
LATITUDE:	37.3536°	**HAMMER TYPE:**	Automatic
LONGITUDE:	-121.9562°	**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	Doug Abernathy

Water While Drilling 12 feet

BORING LOCATION:

REMARKS:

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	Push Pressure (ST)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ / Moisture × / PL ◪ / LL ✚ (0, 25, 50) / STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	50			14	18	**SILT**, medium olive-grey, wet, stiff, trace fine sand	ML	1-3-5 N=8	22		
	55			15	18	**Silty SAND**, medium olive-grey, wet, dense, fine sand	SM	21-17-30 N=44	13		
	60			16	18	**SILT**, medium olive-grey, wet, stiff, trace fine sand, trace decayed rootlets	ML	4-4-7 N=11	21		
						End of boring at 61-1/2 feet below grade. Groundwater was encountered at about 12 feet below grade. Borehole was backfilled with cement grout.					

intertek psi

Professional Service Industries, Inc.
4703 Tidewater Avenue, Suite B
Oakland, CA 94601
Telephone: (510) 434-9200

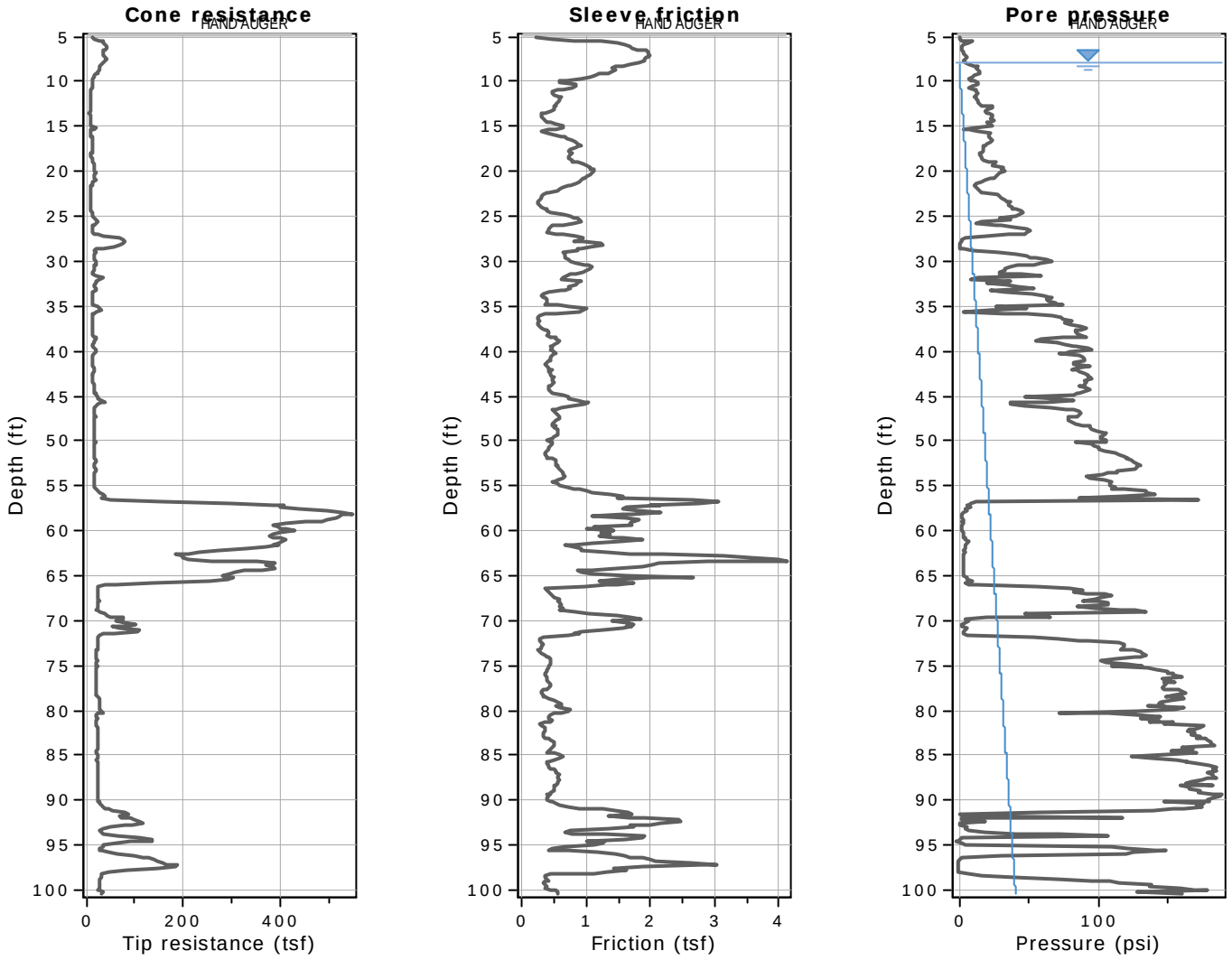
PROJECT NO.: 575-1729
PROJECT: Charities Housing
LOCATION: Proposed Civic Center Family Housing
1601 Civic Center Drive
Santa Clara, California

The stratification lines represent approximate boundaries. The transition may be gradual.

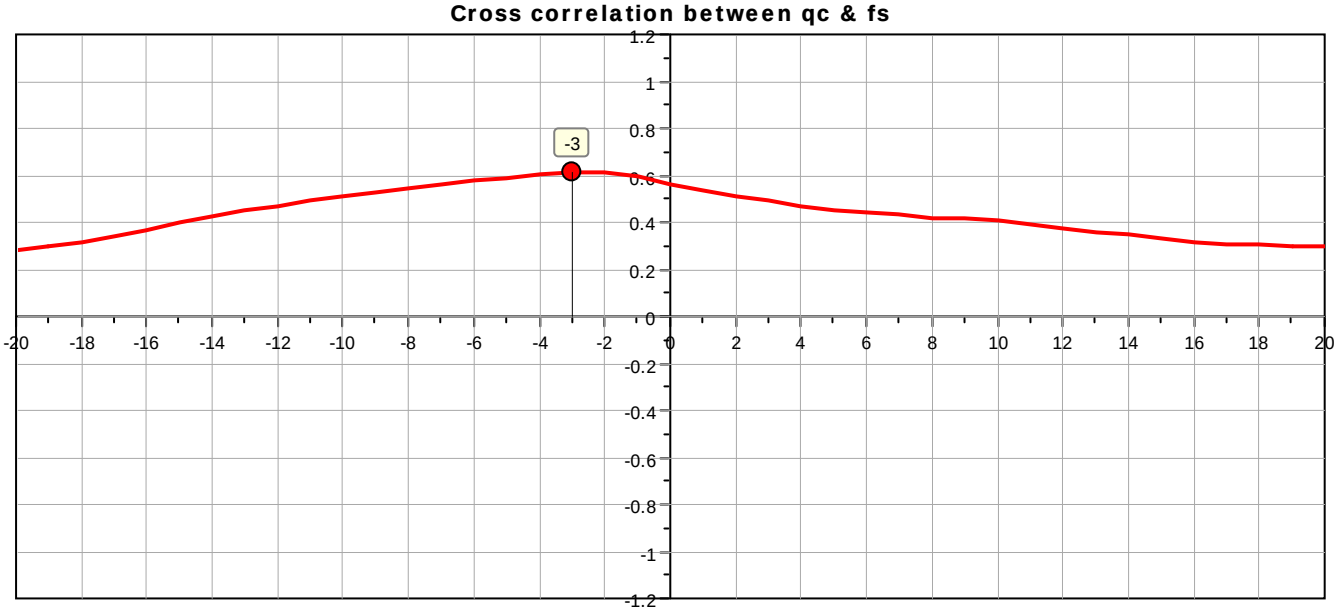
PSI
4703 Tidewater Avenue
Suite B
Oakland, CA 94601

CPT: CPT-1
Total depth: 100.39 ft, Date: 1/16/2020
Surface Elevation: 0.00 ft
Coords: X:0.00, Y:0.00
Cone Type:
Cone Operator:

Project: **Charities Housing @1601 Civic Center Drive, Santa Clara, CA**
Location: **05751585-1 Liquefaction Analysis**



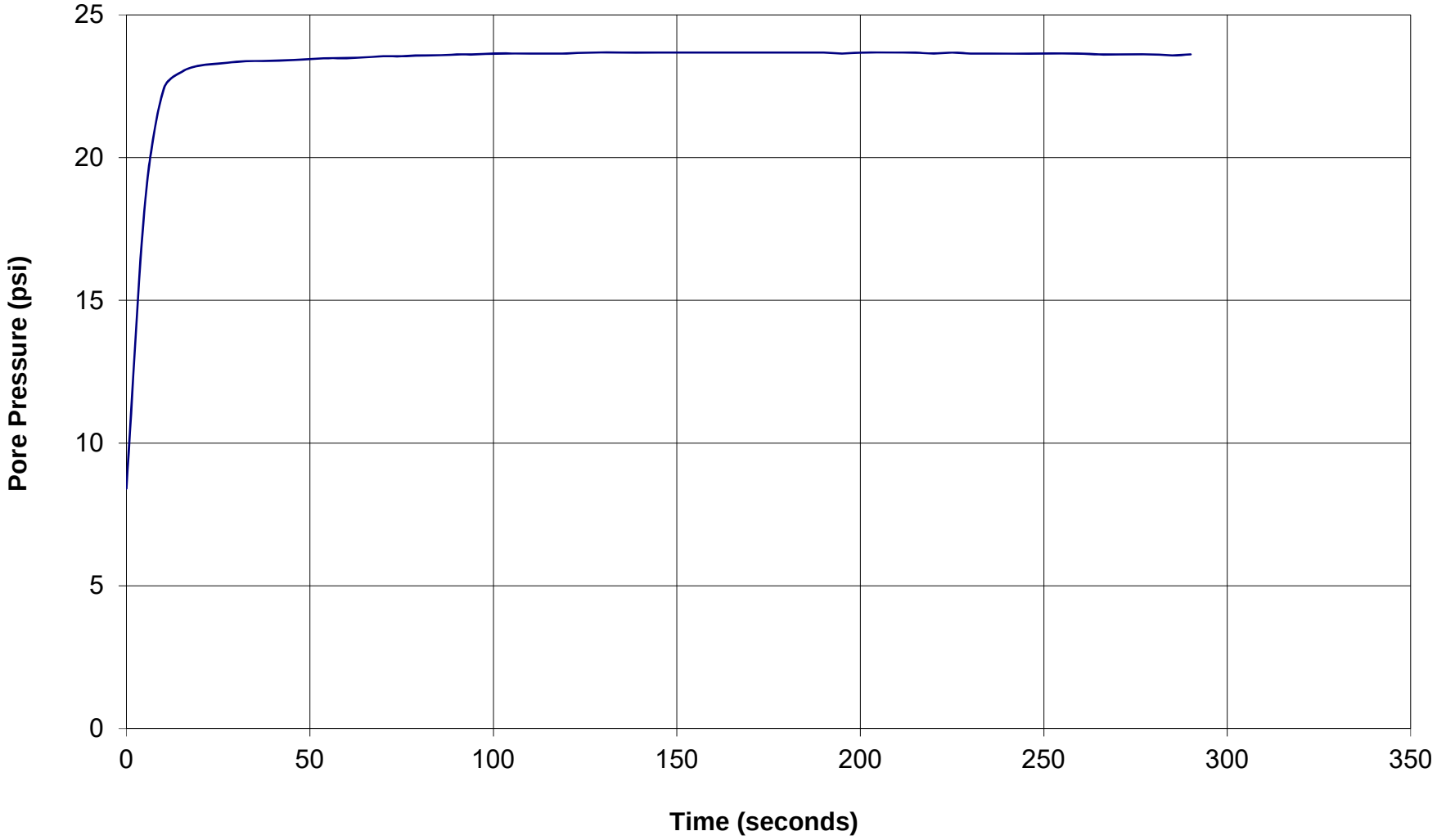
The plot below presents the cross correlation coeficient between the raw qc and fs values (as measured on the field). X axes presents the lag distance (one lag is the distance between two sucessive CPT measurements).



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: SCPT1
Depth (ft): 57.25
Site: CHARITIES-1601
Engineer: ZACH JAYCO



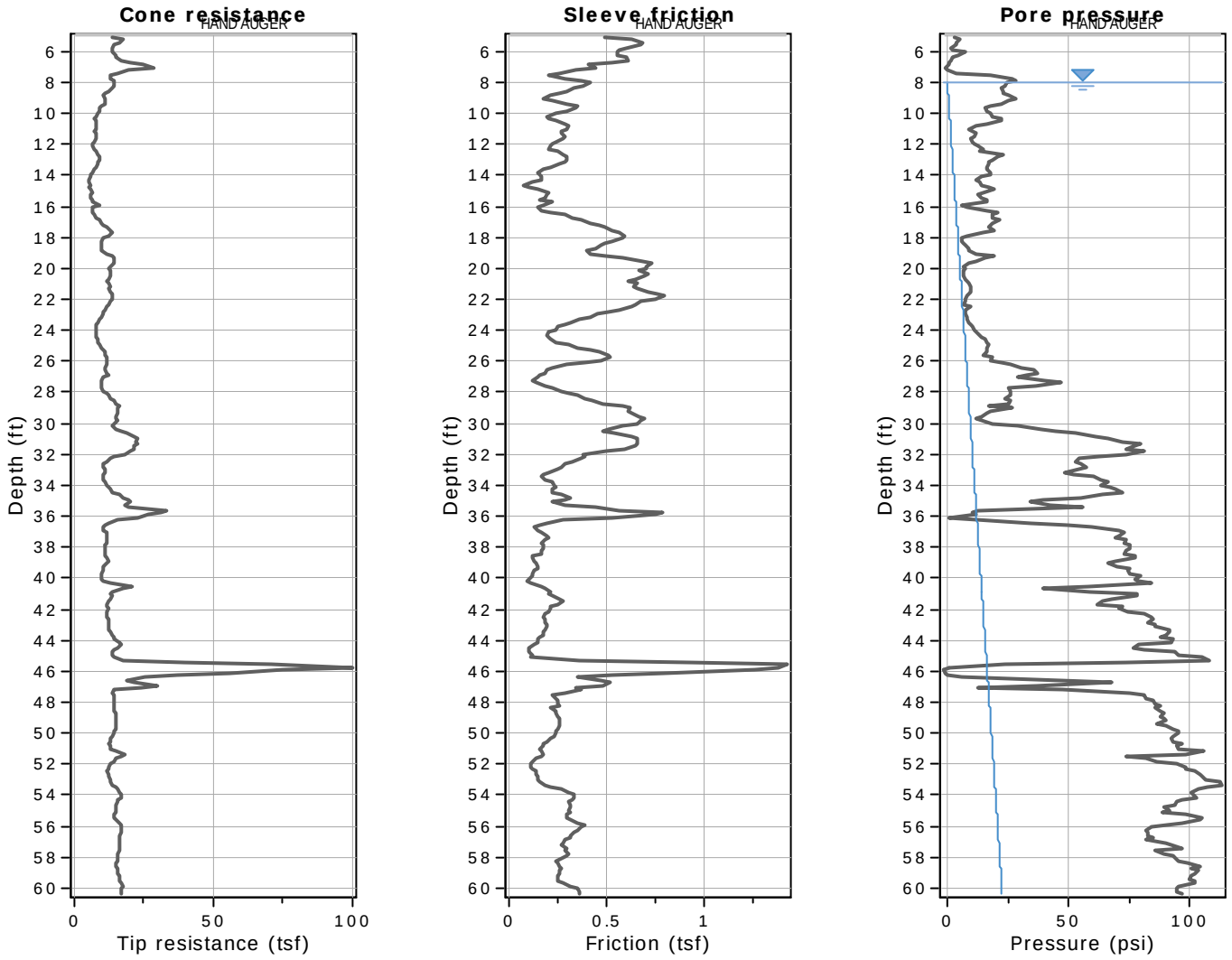
GREGG DRILLING & TESTING, INC.

Top Layer (ft)	Bottom Layer (ft)	Vs (ft/s)
9.8	14.3	577.1
14.3	19.4	493.6
19.4	24.3	658.6
24.3	29.4	573.5
29.4	34.3	655.3
34.3	39.5	681
39.5	44.3	642.4
44.3	49.4	686.8
49.4	54.3	739.7
54.3	59.4	899.7
59.4	64.3	1035.7
64.3	69.5	846.4
69.5	74.3	880.7
74.3	79.4	820
79.4	84.3	894.6
84.3	89.4	840.4
89.4	94.3	902.8
94.3	99.4	932.9

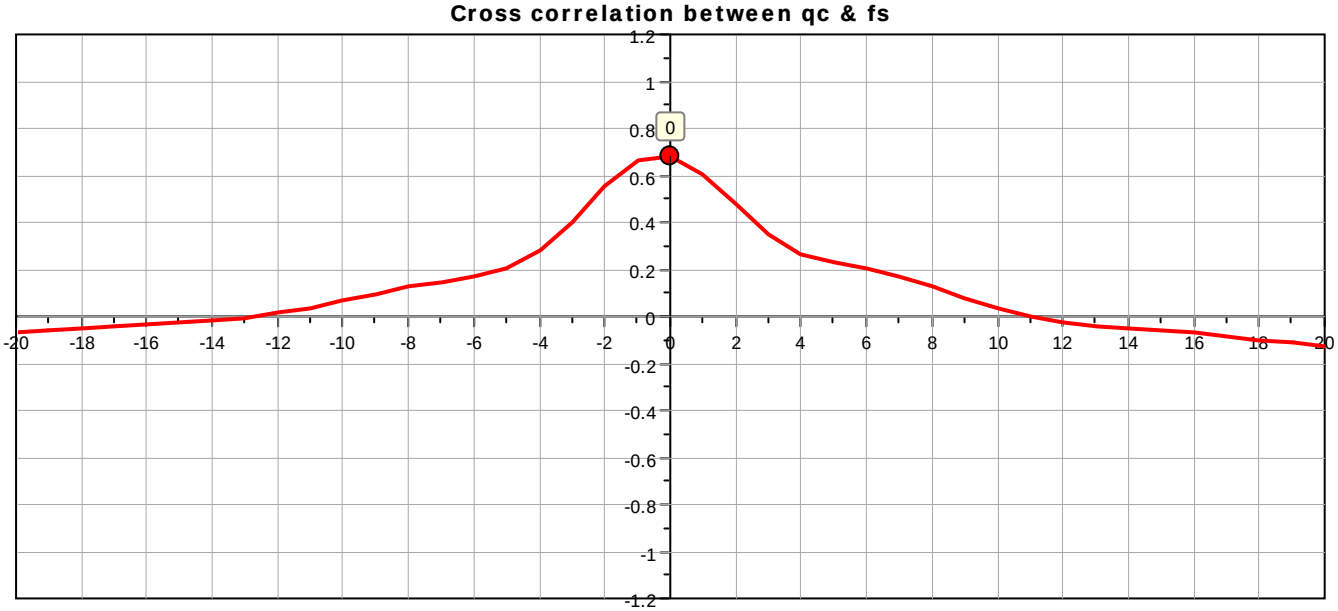
PSI
4703 Tidewater Avenue
Suite B
Oakland, CA 94601

CPT: CPT-2
Total depth: 60.37 ft, Date: 1/16/2020
Surface Elevation: 0.00 ft
Coords: X:0.00, Y:0.00
Cone Type:
Cone Operator:

Project: **Charities Housing @1601 Civic Center Drive, Santa Clara, CA**
Location: **05751585-1 Liquefaction Analysis**



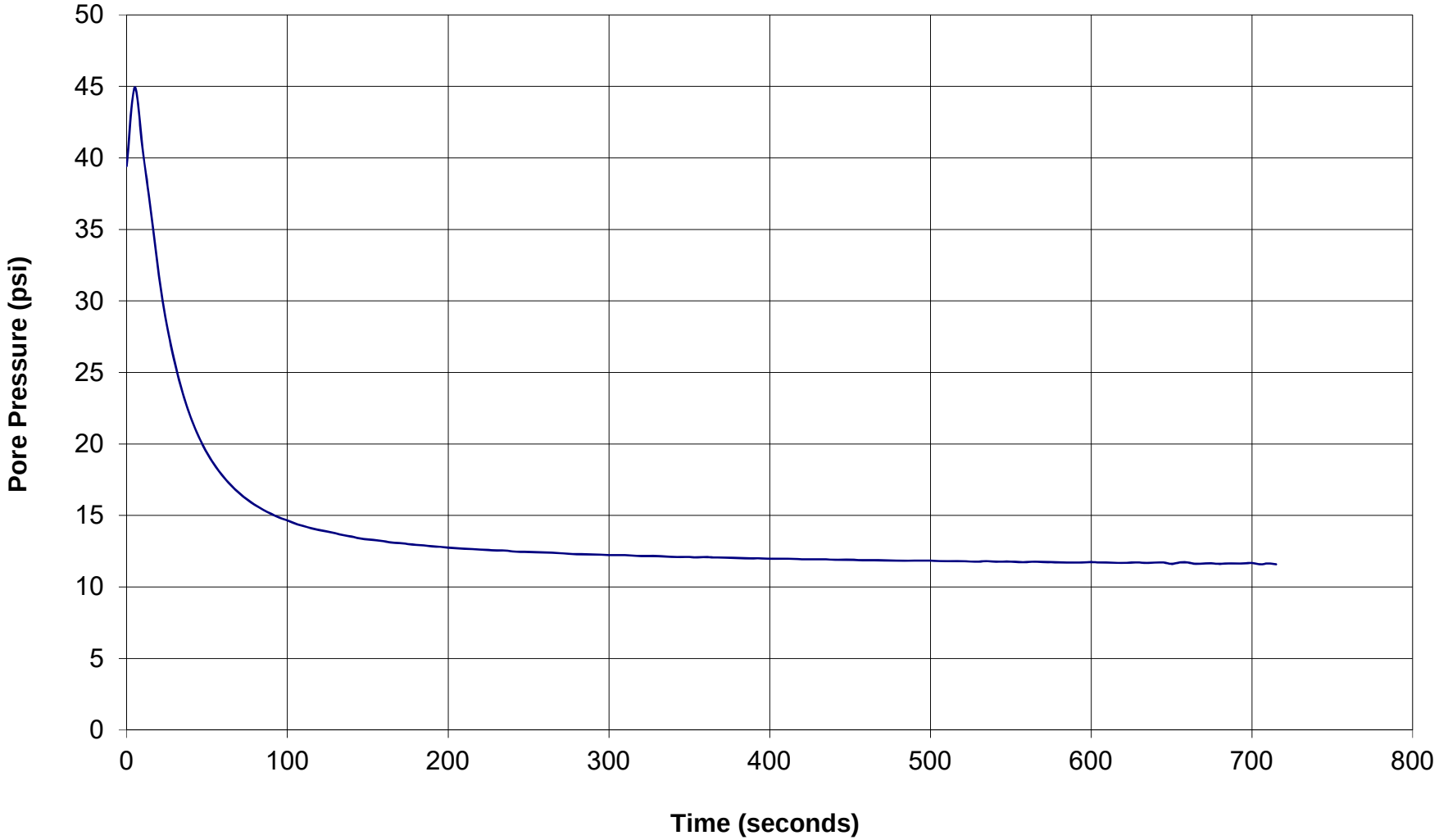
The plot below presents the cross correlation coeficient between the raw qc and fs values (as measured on the field). X axes presents the lag distance (one lag is the distance between two sucessive CPT measurements).



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

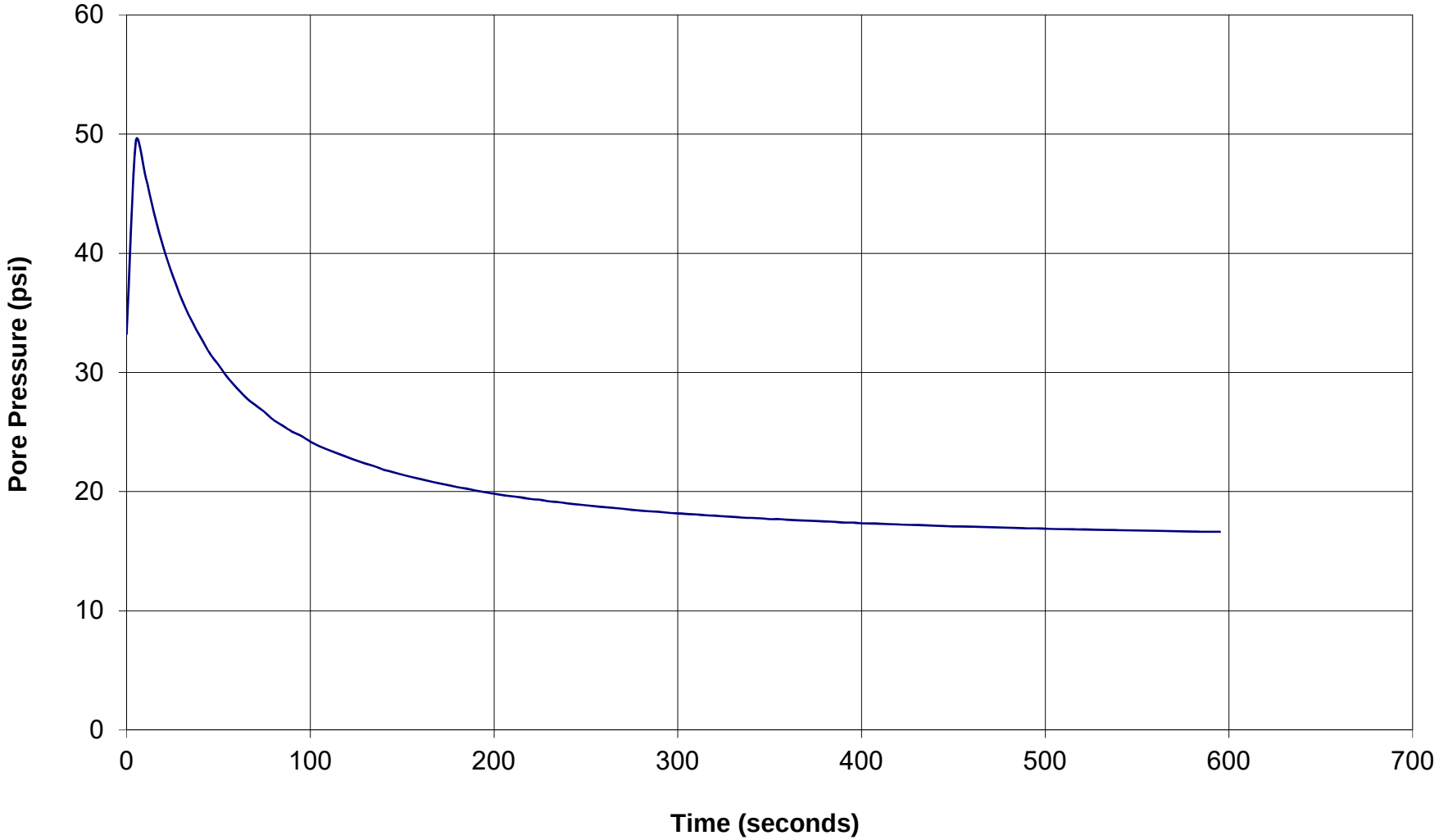
Sounding: CPT2
Depth (ft): 35.93
Site: CHARITIES-1601
Engineer: ZACH JAYCO



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CPT2
Depth (ft): 45.93
Site: CHARITIES-1601
Engineer: ZACH JAYCO



Valley Water | 5750 Almaden Expressway, San Jose, CA 95118-3686, (408) 265-2600

APPLICATION TO DRILL EXPLORATORY BORINGS

FC 285 (01-27-20)

Date Issued: 10/29/2020	Expiration Date: 10/29/2021	Valley Water Permit No.: E20201029002
Client (if different from property owner): CHARITIES HOUSING	Property Owner: CIVIC CENTER, L.P.	Name of Business/Residence at Site: OFFICE BUILDING
Client's Address: 1400 PARKMOOR AVE, SUITE 190 City, State, Zip: SAN JOSE, CALIFORNIA 95126	Property Owner's Address: 1400 PARKMOOR AVE, SUITE 190 City, State, Zip: SAN JOSE, CALIFORNIA 95126	Address of Site: 1601 CIVIC CENTER DRIVE City, State, Zip: SANTA CLARA, CALIFORNIA, 95050
Telephone No.: 408-550-8300	Telephone No.: 408-550-8300	Assessor's Parcel No. of Site: Book 224 Page 49 Parcel 006

Consulting Company Name: PSI INTERTEK	Drilling Company Name: Britton Exploration Drilling	
Address: 4703 TIDEWATER AVE, SUITE B City, State, Zip: OAKLAND, CALIFORNIA 94601	Address: 23051 EVergreen Lane City, State, Zip: Los Gatos, Ca, 95033	
Telephone No.: 510-434-9200	Telephone No.: 408-355-5781	C-57/C-61 License No.:
☐ Check if address or phone number has changed	☐ Check if address or phone number has changed	

In space at right, sketch location of proposed boring(s) in sufficient detail to identify location. In addition to distances to nearest street and intersection, show distances to any existing structures, landmarks, or topographic features.

How many borings will be installed on parcel?
4

☐ Proposed borings on Valley Water property/easement (See General Condition F, page 2.)

☐ Within 50 feet of the top of a creek bank or Valley Water facility

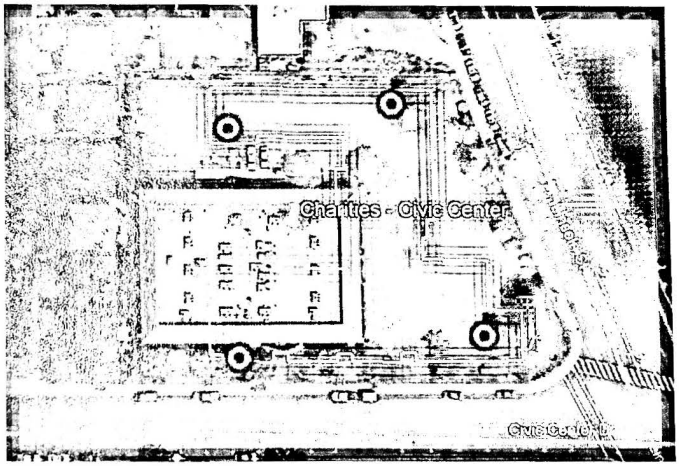
Proposed depth of boring(s):

☒ 45 to 150 feet
☐ 151 to 300 feet
☐ Over 300 feet

NOTE: No permit is required for borings under 45 feet deep.

Boring Type:	Boring Use:
☐ Hollow stem	☒ Geotechnical Investigation
☒ Rotary	☐ Environmental Investigation
☐ CPT	☐ Material Emplacement
☐ Hydropunch	☐ Sensor Emplacement
☐ Other:	☐ Other:

SITE PLAN
(Please draw accurately)



SIGNATURES

I understand and agree that all work associated with this permit is required to be done in accordance with Santa Clara Valley Water District (Valley Water) Well Ordinance 90-1, Valley Water Well Standards, and conditions of this permit (see page 2). I certify that the information given in this permit is correct to the best of my knowledge and that the signature below, whether original, electronic, or photocopied, is authorized and valid, and is affixed with the intent to be enforceable. I also certify that a right of entry/encroachment agreement has been formalized between the well owner and property owner, if parties differ.

Signature of Property Owner/Agent: Kathy A Robinson	Print/Type Name: Kathy Robinson	Date: 10.19.20
Signature of Client/Agent: Kathy A Robinson	Print/Type Name: Kathy Robinson	Date: 10.19.20
Signature of Driller/Agent:	Print/Type Name: Frank Ross	Date: 10/19/2020
Signature of Consultant/Agent:	Print/Type Name: Frank Ross	Date: 10/19/2020

5750 Almaden Expressway
San Jose, CA 95118-3686
(408) 265-2600

APPLICATION TO DRILL EXPLORATORY BORINGS

FC 285 (01-27-20)

Date Issued: 10/29/2020	Expiration Date: 10/29/2021	Valley Water Permit No.: E20201029002
Client (if different from property owner): CHARITIES HOUSING	Property Owner: CIVIC CENTER, L.P.	Name of Business/Residence at Site: OFFICE BUILDING
Client's Address: 1400 PARKMOOR AVE, SUITE 190 City, State, Zip: SAN JOSE, CALIFORNIA 95126	Property Owner's Address: 1400 PARKMOOR AVE, SUITE 190 City, State, Zip: SAN JOSE, CALIFORNIA 95126	Address of Site: 1601 CIVIC CENTER DRIVE City, State, Zip: SANTA CLARA, CALIFORNIA, 95050
Telephone No.: 408-550-8300	Telephone No.: 408-550-8300	Assessor's Parcel No. of Site: Book 224 Page 49 Parcel 006

Consulting Company Name: PSI INTERTEK	Drilling Company Name: Britton Exploration Drilling	
Address: 4703 TIDEWATER AVE, SUITE B City, State, Zip: OAKLAND, CALIFORNIA 94601	Address: 23051 EVergreen Lane City, State, Zip: Los Gatos, Ca, 95033	
Telephone No.: 510-434-9200	Telephone No.: 408-355-5781	C-57/C-61 License No.: 849905
☐ Check if address or phone number has changed	☐ Check if address or phone number has changed	

In space at right, sketch location of proposed boring(s) in sufficient detail to identify location. In addition to distances to nearest street and intersection, show distances to any existing structures, landmarks, or topographic features.

How many borings will be installed on parcel? 4

☐ Proposed borings on Valley Water property/easement (See General Condition F, page 2.)

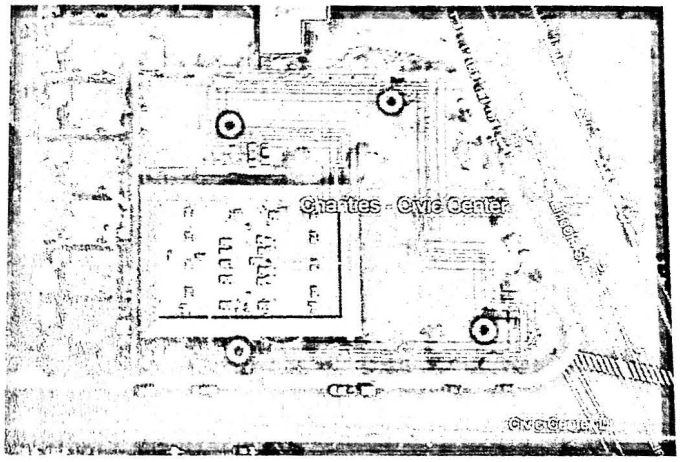
☐ Within 50 feet of the top of a creek bank or Valley Water facility

Proposed depth of boring(s):

☒ 45 to 150 feet
☐ 151 to 300 feet
☐ Over 300 feet

NOTE: No permit is required for borings under 45 feet deep.

SITE PLAN
(Please draw accurately)



Boring Type:	Boring Use:
☐ Hollow stem	☒ Geotechnical investigation
☒ Rotary	☐ Environmental investigation
☐ CPT	☐ Material Emplacement
☐ Hydropunch	☐ Sensor Emplacement
☐ Other:	☐ Other:

SIGNATURES

I understand and agree that all work associated with this permit is required to be done in accordance with Santa Clara Valley Water District (Valley Water) Well Ordinance 90-1, Valley Water Well Standards, and conditions of this permit (see page 2). I certify that the information given in this permit is correct to the best of my knowledge and that the signature below, whether original, electronic, or photocopied, is authorized and valid, and is affixed with the intent to be enforceable. I also certify that a right of entry/encroachment agreement has been formalized between the well owner and property owner, if parties differ.

Signature of Property Owner/Agent:	Print/Type Name:	Date:
Signature of Client/Agent:	Print/Type Name:	Date:
Signature of Driller/Agent: Paul Britton	Print/Type Name: Paul Britton	Date: 10-18-2020
Signature of Consultant/Agent:	Print/Type Name:	Date:

Valley Water
5750 Almaden Expressway
San Jose, CA 95118-3686
(408) 265-2600

APPLICATION TO DRILL EXPLORATORY BORINGS

IMPORTANT: A minimum 24-hour notice must be given to Valley Water's Well Ordinance Program prior to backfilling the exploratory boring. Call (408) 630-2660. Please allow 10 working days to process permit application.

GENERAL CONDITIONS

A. **Valley Water's Well Ordinance Program** (408-630-2660) **must be notified a minimum of one working day before the exploratory boring is backfilled**. An authorized Valley Water representative must be on site to witness the sealing operation. This requirement may be waived by an authorized Valley Water representative. If Valley Water waives the inspection requirement, Valley Water may request the permittee(s) to furnish certification under penalty of perjury that the seal was constructed in accordance with Valley Water Well Standards.

B. This permit is valid only for the purpose specified herein. Boring destruction methods authorized under this permit may not be changed except by written approval of an authorized Valley Water representative, and only if Valley Water believes that such a change will result in equal or superior compliance with Valley Water and State Well Standards (e.g., if Valley Water representative finds that site conditions warrant such a change).

C. This permit is only valid for the Assessor's Parcel No. indicated on it.

D. This permit may be voided if it contains incorrect information.

E. Borings shall be sealed within 24 hours following completion of testing or sampling activities. Borings shall not be left in such a condition as to allow for the introduction of surface waters or foreign materials into them. Borings shall be secured such that they do not endanger public health.

F. If any work associated with this permit will take place on Valley Water property/easement, an encroachment or construction permit must be granted by the Valley Water's Community Projects Review Unit (telephone 408-630-2650).

G. The permittee(s) shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend, and hold Valley Water, its officers, agents, and employees, free and harmless from any and all expense, cost, and liability in connection with or resulting from the granting or exercise of this permit including, but not limited to, property damage, personal injury, and wrongful death.

H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.

I. A current C-57 or C-61 Contractor's License is required for work associated with this permit.

J. Permittee, permittee's contractors, consultants, or agents shall be responsible to assure that all materials or waters generated during drilling, boring destruction, and/or other activities associated with this permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statues regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on- or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where the work is being completed.

K. The driller and consultants (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with Valley Water.

L. This permit shall expire if not exercised within 180 calendar days of its approval, unless an extension of the permit expiration date is granted by an authorized Valley Water representative.

M. This permit shall be kept on site during all activities associated with it and shall immediately be presented to an authorized Valley Water representative upon request.

N. Permittee shall notify Underground Service Alert (USA) at 1-800-227-2600 or 811 prior to any digging.

Permit Approved by: Belen Avalos

Date: 10/29/2020

Please allow 10 working days to process this application.

APPENDIX B

LABORATORY TEST RESULTS

LABORATORY TEST RESULTS

Laboratory tests were performed on representative soil samples to determine their relative engineering properties. Tests were performed in general accordance with test methods of the American Society for Testing Materials or other accepted standards. The following presents a brief description of the various test methods used.

Classification - Soils were classified visually according to the Unified Soil Classification System. Visual classifications were supplemented by laboratory testing of selected samples in general accordance with ASTM D2487. The soil classifications are shown on the boring logs in Appendix A.

In-Situ Moisture / Density - The in-place moisture content and dry unit weight of selected samples were determined using relatively undisturbed samples from the linear rings of a 2.38-inch I.D. modified California Sampler. The moisture content of representative SPT samples was also determined. The dry unit weight and moisture contents are shown on the boring logs.

Atterberg Limits – The liquid limit, plastic limit, and plasticity index of selected representative samples were determined in accordance with ASTM D4318. The liquid limit and plastic limit are shown on the boring logs and below in this appendix.

Expansion Index - Expansion index testing was performed on representative samples of the on-site soils in general accordance with ASTM Test method D4829. The results of these tests are provided in the text of this report, on the boring logs and below in this appendix.

Direct Shear Test – A consolidated, drained, direct shear test was performed on a relatively undisturbed sample in general accordance with ASTM D3080. The results of this test is provided below in this appendix.

Consolidation - The potential for excessive soil settlement was evaluated in general accordance with ASTM D2435 by applying a series of normal loads to undisturbed samples and measuring the vertical deformations. The magnitude of vertical displacement of the test samples can be used to estimate the building settlement upon application of structural loads. The results of the tests are presented in graphical form in this appendix.

Percent of Material Finer than 75-µm – The percent passing the #200 sieve was performed on representative samples of the on-site soil in general accordance with ASTM D1140. The percent passing the #200 sieve is shown on the boring logs.

Soil Sulfate / Chloride Test – In order to estimate the concrete degradation potential of soils, the soluble sulfate and chloride content of a representative sample of the on-site soil, provided in the text of this report, was determined in accordance with EPA Test Method 300.0.

pH (Potential of Hydrogen) – The measure of acidity or alkalinity of a material is referred to as the pH factor, which increases with alkalinity and decreases with acidity. The corrosivity potential of iron increases with low pH (4-5) while the corrosivity potential of copper increases with high pH (10-11). The pH value of a representative sample of the on-site soil, provided in the text of this report, was determined in accordance with EPA Test Method 9045B.

Minimum Resistivity – The electrical resistivity of a soil is a measure of its resistance to electrical current flow. Corrosion of buried ferrous metals is an electrochemical process which is related to the flow of electrical current from the metal to the soil. Lower electrical resistivity (higher currents) result from higher moisture and chemical contents in the soil. Resistivity is minimal when the soil is saturated. The minimum resistivity of a representative sample of the on-site soil, provided in the text of this report, was determined in accordance with AASHTO Test Method T 288-91.

Corrosivity

Testing was performed to evaluate the corrosivity of the on-site soils and the potential for attack on concrete and subsurface utility pipes, specifically cast iron and ductile iron. The testing included pH, sulfate, chloride and minimum electrical resistivity. The results of the chemical analysis are as follows:

Boring Number	Sample Depth (feet)	pH	Resistivity (ohm-cm)	Water Soluble Sulfate (ppm)	Water Soluble Chloride (ppm)
B-3	1 to 5	7.8	2,300	78.0	ND (<10.0)

ND – Not Detected above laboratory detection limits indicated

Concrete mix designs should follow the minimum requirements of the California Building Code. Laboratory testing of a selected soil sample indicates that the on-site soils possess a ***negligible*** sulfate exposure and slightly alkaline pH, indicating a ***low*** degree of corrosivity with respect to concrete (ACI, 2014). Based on the chloride test results, the site soils are classified as "***non-corrosive*** to structural elements," according to Caltrans Corrosion Guidelines (CalTrans, 2018). Based on these results, it is our opinion that special sulfate-resistant concrete mix designs are not warranted and that the use of Type I or II cement is suitable for concrete in contact with on-site soils. Final concrete mix designs should be evaluated after sulfate tests have been performed on the actual subgrade material.

Corrosivity testing was also performed to determine whether the on-site soils have the potential to attack subsurface utility pipes, specifically cast iron and ductile iron. Based on the resistivity test results, the soils are characterized as being ***highly corrosive*** to cast iron or ductile iron piping (Roberge, 2000). PSI does not practice in the field of corrosion engineering. We recommend that a qualified corrosion engineer be consulted to determine if special corrosion protection is warranted for this site. Testing for corrosivity of any fill soils should be conducted during site grading to verify our recommendations.

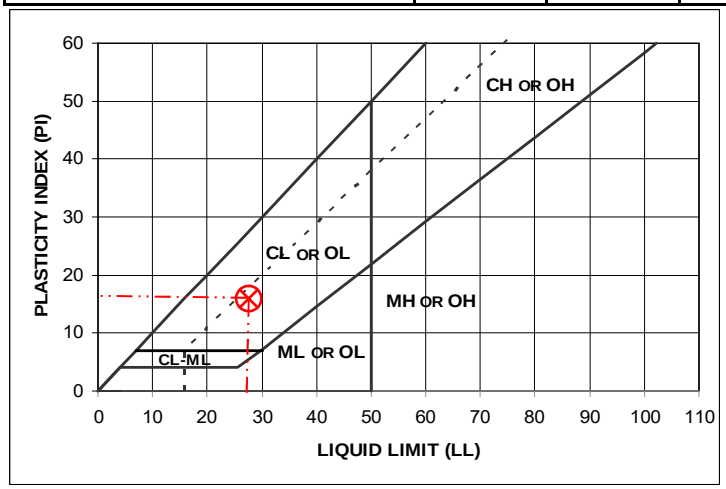
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Total Quality. Assured.

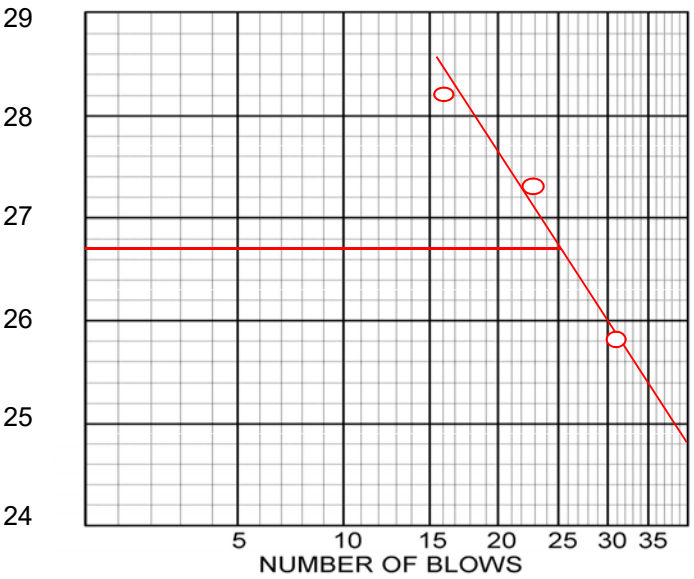
Atterberg Limits
(ASTM D4318-98 AASHTO T89/90)

Project Name:	**Charities - Santa Clara ; Civic Center**	**Project Number:**	**575-1729**
Laboratory Number:	**0575 (Oakland, CA)**	**Date Tested:**	**November 19, 2020**
Sample Description:	**B-1 (Bulk) => CL**	**Tested By:**	**M. Uribe**

Equipment List:	**Scale: 01PS575/02PS575**	**Oven: VWR-1675**	**Liquid Limit Cup: 01LL575**

	LIQUID LIMIT				PLASTIC LIMIT		
CAN NUMBER	4	14	16		10	2	5
WEIGHT OF CAN	19.70	22.37	20.89		22.58	21.18	22.28
WEIGHT OF CAN + WET SOIL	31.30	33.64	32.02		31.88	30.11	30.64
WEIGHT OF CAN + DRY SOIL	28.92	31.22	29.57		30.54	28.84	29.45
WEIGHT OF WATER	2.38	2.42	2.45		1.34	1.27	1.19
WEIGHT OF DRY SOIL	9.22	8.85	8.68		7.96	7.66	7.17
MOISTURE CONTENT	25.8	27.3	28.2		16.8	16.6	16.6
NUMBER OF BLOWS	31	23	16				





Boring Number	**B-1**
Sample Depth (ft.)	**1 to 5**
Density	
Weight of Sample + Ring [a]	
Weight of Ring [b]	
Weight of Sample [c=a-b]	0
Diameter of Ring	2.4
Area of Ring [A]	4.52
Height of the Sample [h]	1
Wet Density of the Sample [d=(c*3.81)/(A*h)	0.00
Moisture Content	
Tare Number	19
Tare Weight (g) [e]	128.61
Wet Weight + Tare (g) [f]	372.32
Dry Weight + Tare (g) [g]	351.93
Weight of Water (g) [h=f-g]	20.39
Weight of Dry Sample (g) [i=g-e]	223.32
Moisture Content (%) [j=(h/i)*100]	9.1
Dry Density [k=d/(1+j/100)]	0.00

Liquid Limit	27
Plastic Limit	17
Plasticity Index	**10**

Equation of "A" – Line
Horizontal at PI=4 to LL=25.5,
Then PI= 0.73 (LL - 20)
Equation of "U" – Line
Vertical at LL=16 to PI=7,
Then PI= 0.9 (LL – 8)

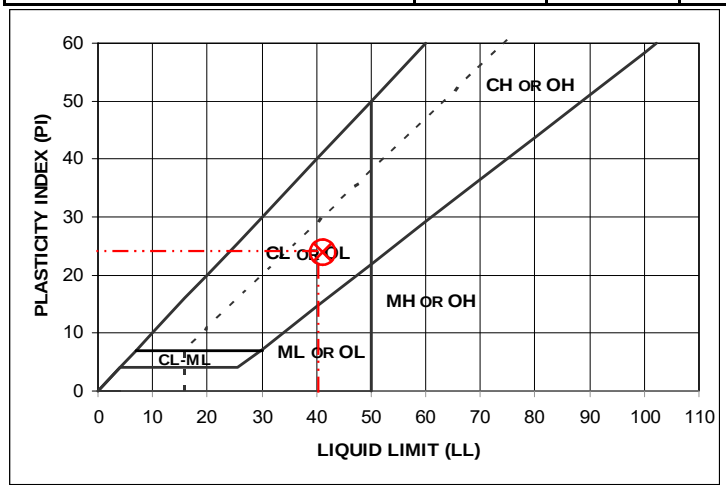
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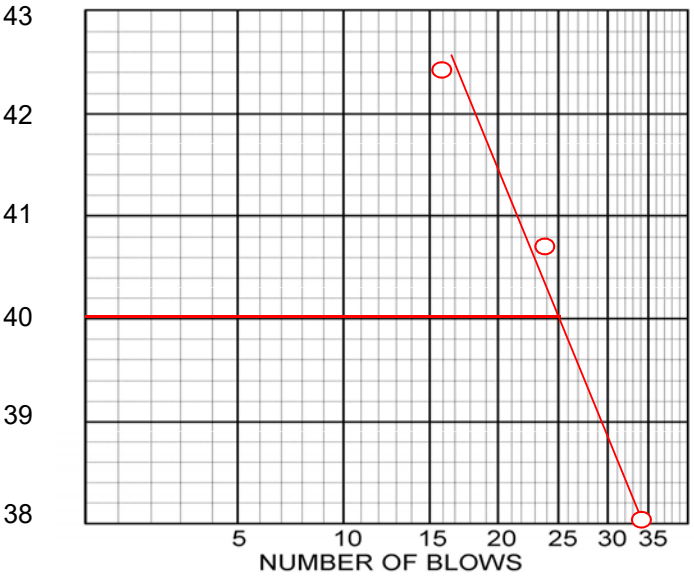
Atterberg Limits
(ASTM D4318-98 AASHTO T89/90)

Project Name:	**Charities - Santa Clara ; Civic Center**	**Project Number:**	**575-1729**
Laboratory Number:	**0575 (Oakland, CA)**	**Date Tested:**	**November 19, 2020**
Sample Description:	**B-2 (3.0') => CL**	**Tested By:**	**M. Uribe**

Equipment List:	**Scale: 01PS575/02PS575**	**Oven: VWR-1675**	**Liquid Limit Cup: 01LL575**

	LIQUID LIMIT				PLASTIC LIMIT		
CAN NUMBER	13	15	21		7	11	24
WEIGHT OF CAN	23.94	20.07	18.89		22.62	23.87	22.97
WEIGHT OF CAN + WET SOIL	34.31	30.44	28.16		31.54	32.38	31.29
WEIGHT OF CAN + DRY SOIL	31.46	27.44	25.4		29.81	30.71	29.66
WEIGHT OF WATER	2.85	3	2.76		1.73	1.67	1.63
WEIGHT OF DRY SOIL	7.52	7.37	6.51		7.19	6.84	6.69
MOISTURE CONTENT	37.9	40.7	42.4		24.1	24.4	24.4
NUMBER OF BLOWS	34	24	16				



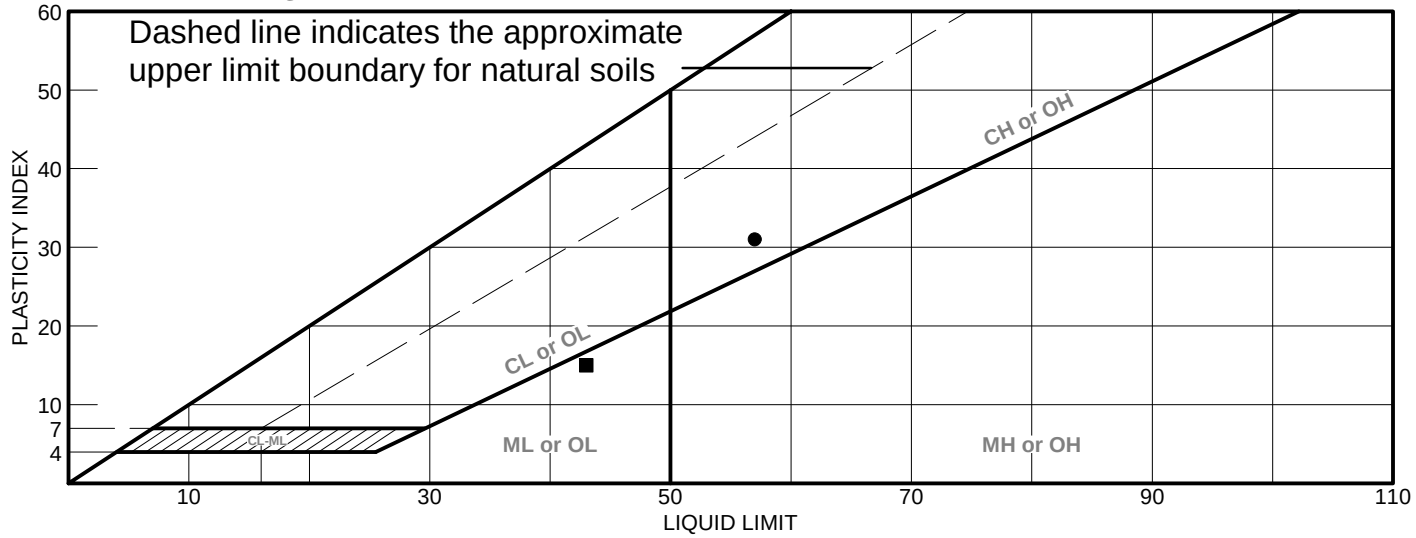


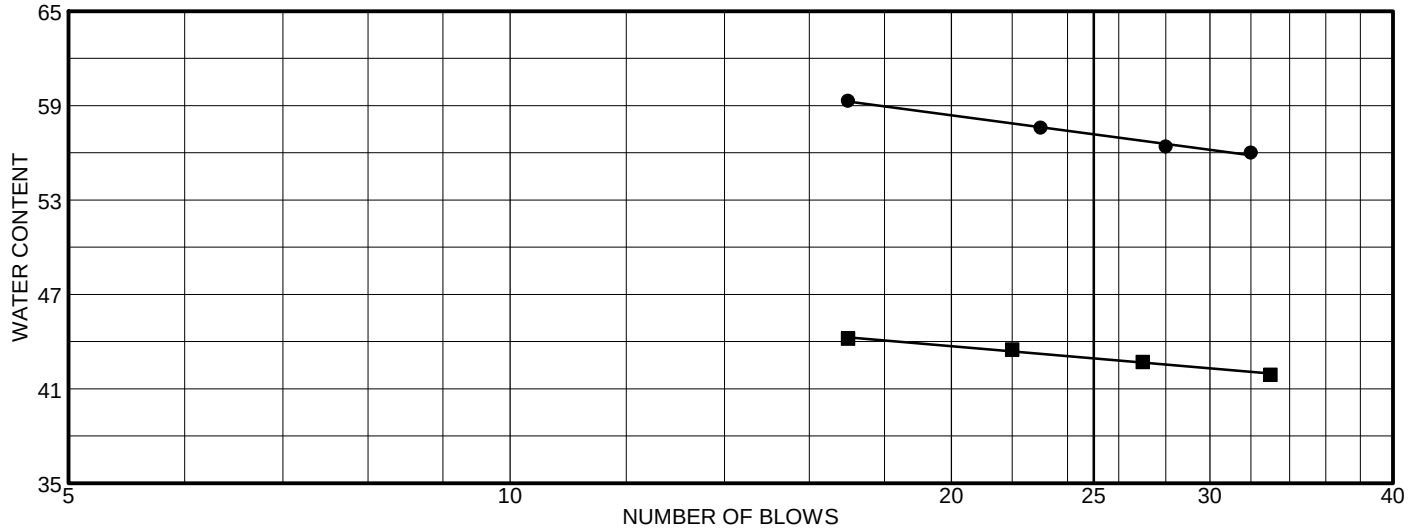
Boring Number	**B-2**
Sample Depth (ft.)	**3.0**
Density	
Weight of Sample + Ring [a]	
Weight of Ring [b]	
Weight of Sample [c=a-b]	0
Diameter of Ring	2.4
Area of Ring [A]	4.52
Height of the Sample [h]	1
Wet Density of the Sample [d=(c*3.81)/(A*h)	0.00
Moisture Content	
Tare Number	59
Tare Weight (g) [e]	127.89
Wet Weight + Tare (g) [f]	306.50
Dry Weight + Tare (g) [g]	274.57
Weight of Water (g) [h=f-g]	31.93
Weight of Dry Sample (g) [i=g-e]	146.68
Moisture Content (%) [j=(h/i)*100]	21.8
Dry Density [k=d/(1+j/100)]	0.00

Liquid Limit	40
Plastic Limit	24
Plasticity Index	**16**

Equation of "A" – Line
Horizontal at PI=4 to LL=25.5,
Then PI= 0.73 (LL - 20)
Equation of "U" – Line
Vertical at LL=16 to PI=7,
Then PI= 0.9 (LL – 8)

LIQUID AND PLASTIC LIMITS TEST REPORT





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Gray Fat CLAY	57	26	31			
■	Olive SILT w/ Sand	43	28	15			

Project No. 781-044 **Client:** PSI

Project: Charities-Santa Clara; Civic Center - 575-1729

● **Source:** B-3 **Sample No.:** ST-7 **Elev./Depth:** 15'

■ **Source:** B-4 **Sample No.:** ST-6 **Elev./Depth:** 12.5'

Remarks:

● Sample was prepared using the wet prep method.

■ Sample was prepared using the wet prep method.

LIQUID AND PLASTIC LIMITS TEST REPORT

COOPER TESTING LABORATORY

Figure

EXPANSION ANALYSIS
ASTM - D4829

PROJECT NAME :	Charities-Santa Clara - CC
PROJECT NUMBER:	575-1729
Sample Location:	B-1 Bulk
Date:	11/19/2020
Depth:	0-5'
Tested By:	SE
Sample Description:	Dark Yellowish Brown Sandy Lean Clay (CL)

RESULTS:

INITIAL READING:	0.498	
FINAL READING:	0.539	
RING HEIGHT:	1.000	in.
RING WEIGHT:	363.7	g
RING+SAMPLE WEIGHT:	766.7	g
WET WEIGHT-TARE:	416.10	g
DRY WEIGHT-TARE:	402.92	g
TARE WEIGHT:	271.09	g
EXPANSION INDEX (EImeas):	41	

w =	10.0
WET DENSITY=	121.7
$\delta_{d=}$	110.6
G_s=	2.70
δ_w=	62.4
S_{meas}=	51.6
EI_{50}=	42
$EI_{50\ corrected}$ =	42
Final Moisture Content =	21.3%

POTENTIAL EXPANSION: Low

Expansion Index	Potential Expansion
0-20	Very Low
21-50	Low
51-90	Medium
91-130	High
>131	Very High

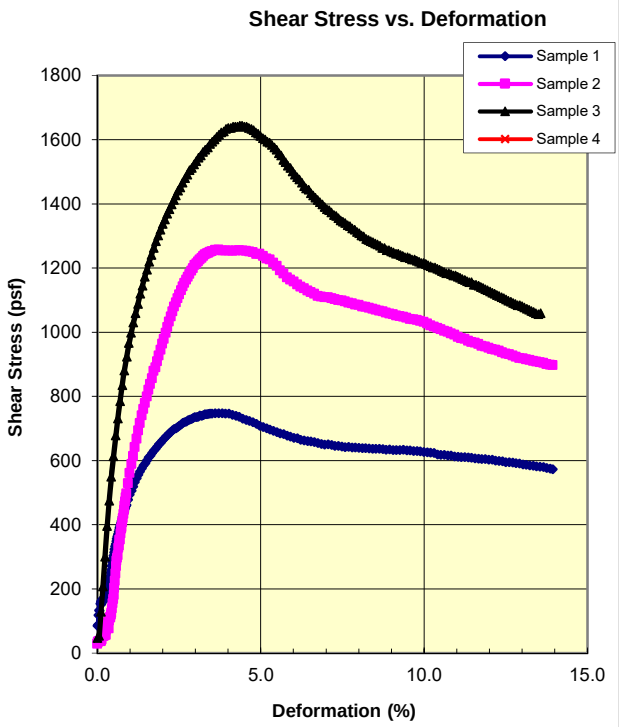
11980 Telegraph Road, Suite 104
Santa Fe Springs, CA
714-484-8600

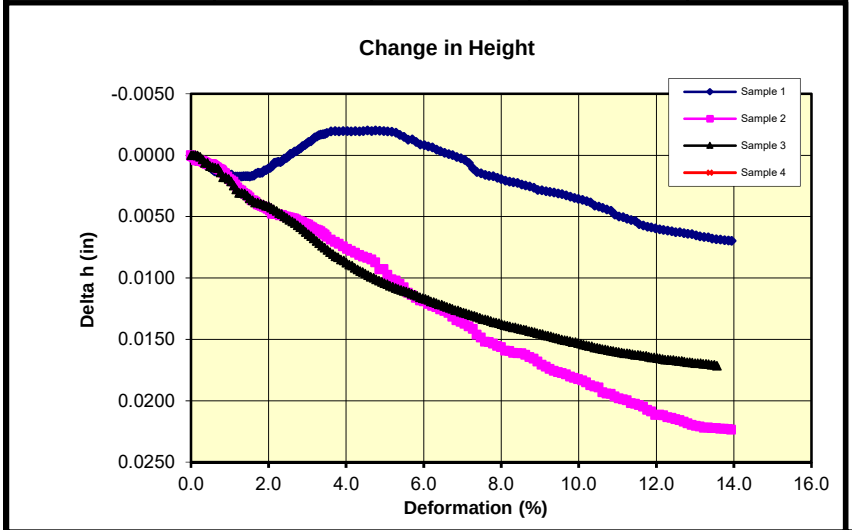
Consolidated Drained Direct Shear (ASTM D3080)

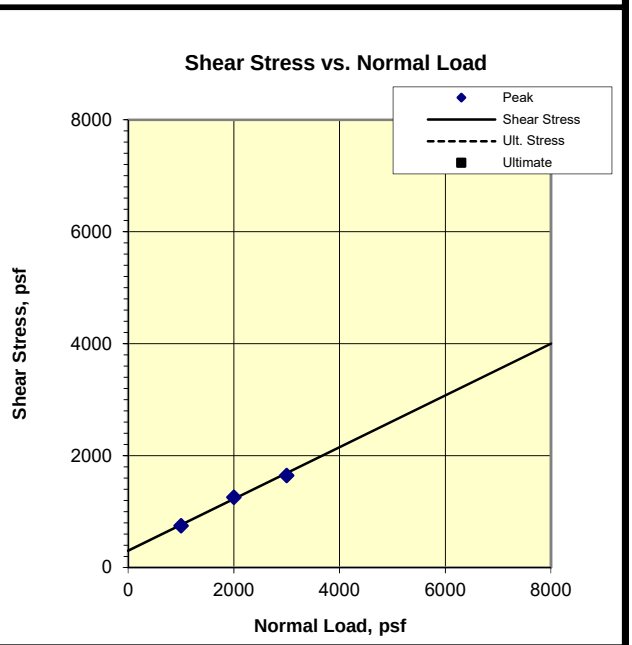
CTL Job #:	781-044	Project #:	575-1729	By:	MD
Client:	PSI	Date:	12/1/2020	Checked:	PJ
Project Name:	Charities-Santa Clara; Civic Center	Remolding Info:			

Specimen Data				
	1	2	3	4
Boring:	B-3	B-3	B-3	
Sample:	ST-7	ST-7	ST-7	
Depth (ft):	15(Tip-7")	15(Tip-6")	15(Tip-5")	
Visual Description:	Gray Fat CLAY	Gray Fat CLAY	Gray Fat CLAY	
Normal Load (psf)	1000	2000	3000	
Dry Mass of Specimen (g)	140.2	142.0	145.1	
Initial Height (in)	0.98	0.98	1.00	
Initial Diameter (in)	2.87	2.87	2.87	
Initial Void Ratio	1.081	1.049	1.048	
Initial Moisture (%)	37.3	36.0	34.6	
Initial Wet Density (pcf)	115.3	116.0	114.9	
Initial Dry Density (pcf)	84.0	85.3	85.3	
Initial Saturation (%)	96.6	96.1	92.5	
ΔHeight Consol (in)	0.0069	0.0162	0.0256	
At Test Void Ratio	1.066	1.015	0.996	
At Test Moisture (%)	38.0	36.0	35.0	
At Test Wet Density (pcf)	116.7	118.0	118.2	
At Test Dry Density (pcf)	84.6	86.7	87.6	
At Test Saturation (%)	99.8	99.4	98.3	
Strain Rate (%/min)	0.01	0.01	0.01	
Strengths Picked at	Peak	Peak	Peak	
Shear Stress (psf)	748	1257	1643	
ΔHeight (in) at Peak	-0.0020	0.0071	0.0094	
Ultimate Stress (psf)				

Phi (deg)	24.8	Ult. Phi (deg)	
Cohesion (psf)	300	Ult. Cohesion (psf)	







Remarks:

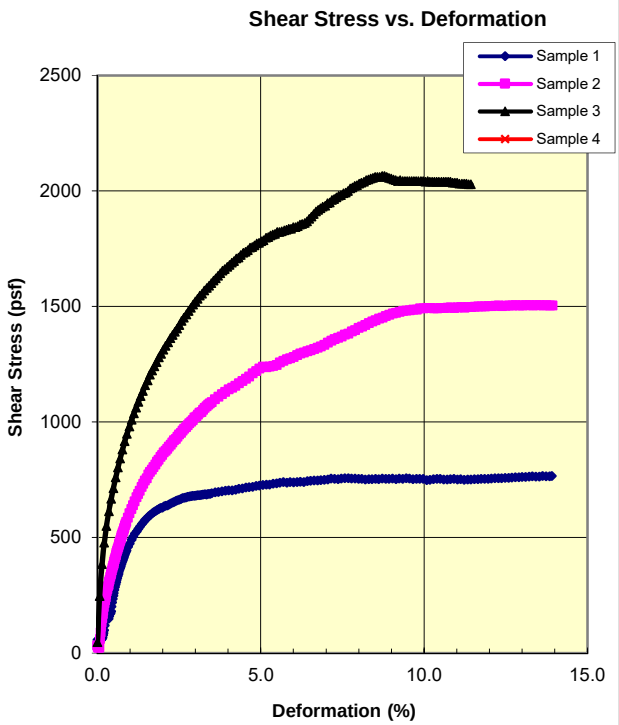
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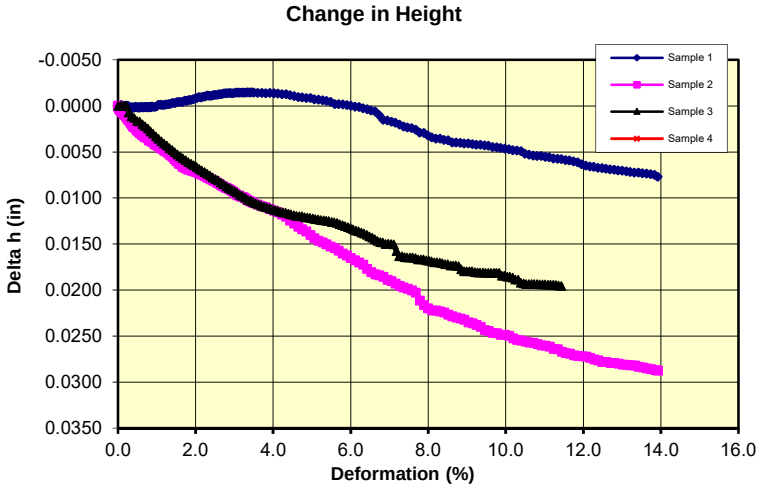
Consolidated Drained Direct Shear (ASTM D3080)

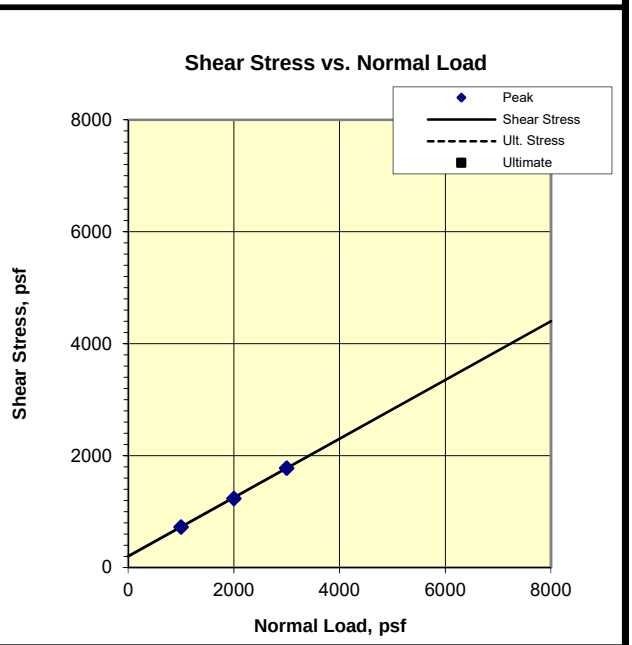
CTL Job #:	781-044	Project #:	575-1729	By:	MD
Client:	PSI	Date:	12/8/2020	Checked:	PJ
Project Name:	Charities-Santa Clara; Civic Center	Remolding Info:			

Specimen Data				
	1	2	3	4
Boring:	B-4	B-4	B-4	
Sample:	ST-6	ST-6	ST-6	
Depth (ft):	12.5	12.5	12.5	
Visual Description:	Olive SILT w/ Sand	Olive SILT w/ Sand	Olive SILT w/ Sand	
Normal Load (psf)	1000	2000	3000	
Dry Mass of Specimen (g)	152.6	154.0	154.1	
Initial Height (in)	0.98	0.99	1.00	
Initial Diameter (in)	2.88	2.87	2.87	
Initial Void Ratio	0.903	0.898	0.916	
Initial Moisture (%)	31.1	31.0	30.1	
Initial Wet Density (pcf)	120.4	120.6	118.7	
Initial Dry Density (pcf)	91.8	92.1	91.2	
Initial Saturation (%)	96.3	96.7	92.0	
ΔHeight Consol (in)	0.0182	0.0289	0.0503	
At Test Void Ratio	0.868	0.843	0.820	
At Test Moisture (%)	30.8	29.9	29.1	
At Test Wet Density (pcf)	122.4	123.2	124.0	
At Test Dry Density (pcf)	93.6	94.9	96.1	
At Test Saturation (%)	99.4	99.2	99.5	
Strain Rate (%/min)	0.01	0.01	0.01	
Strengths Picked at	5%	5%	5%	
Shear Stress (psf)	726	1231	1775	
ΔHeight (in) at 5%	-0.0008	0.0140	0.0122	
Ultimate Stress (psf)				

Phi (deg)	27.7	Ult. Phi (deg)	
Cohesion (psf)	200	Ult. Cohesion (psf)	







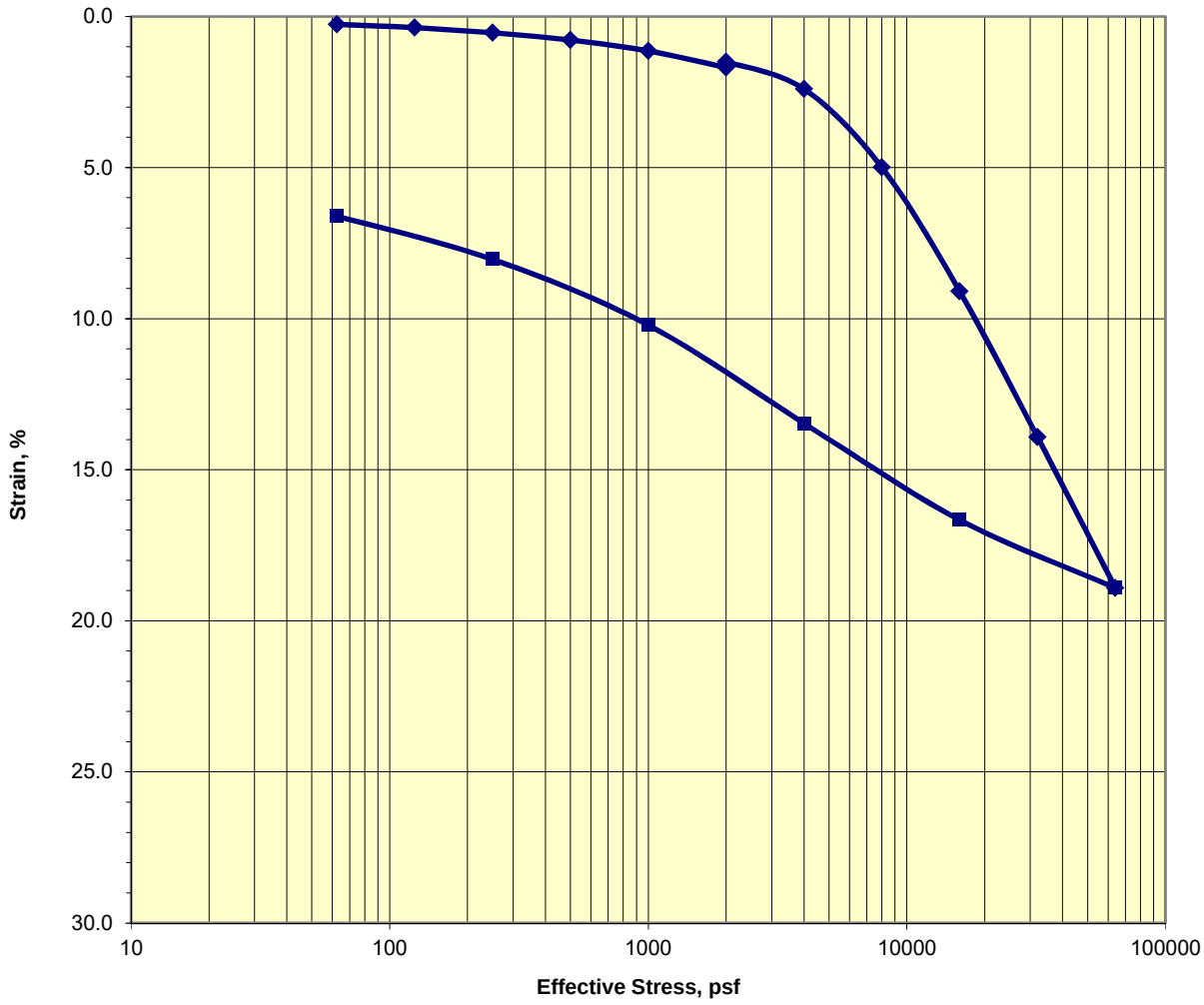
Remarks:

©

Consolidation Test
ASTM D2435

Job No.:	781-044	**Boring:**	B-3	**Run By:**	MD
Client:	PSI	**Sample:**	ST-7	**Reduced:**	PJ
Project:	575-1729	**Depth, ft.:**	15(Tip-3")	**Checked:**	PJ/DC
Soil Type:	Gray Fat CLAY			**Date:**	12/4/2020

Strain-Log-P Curve



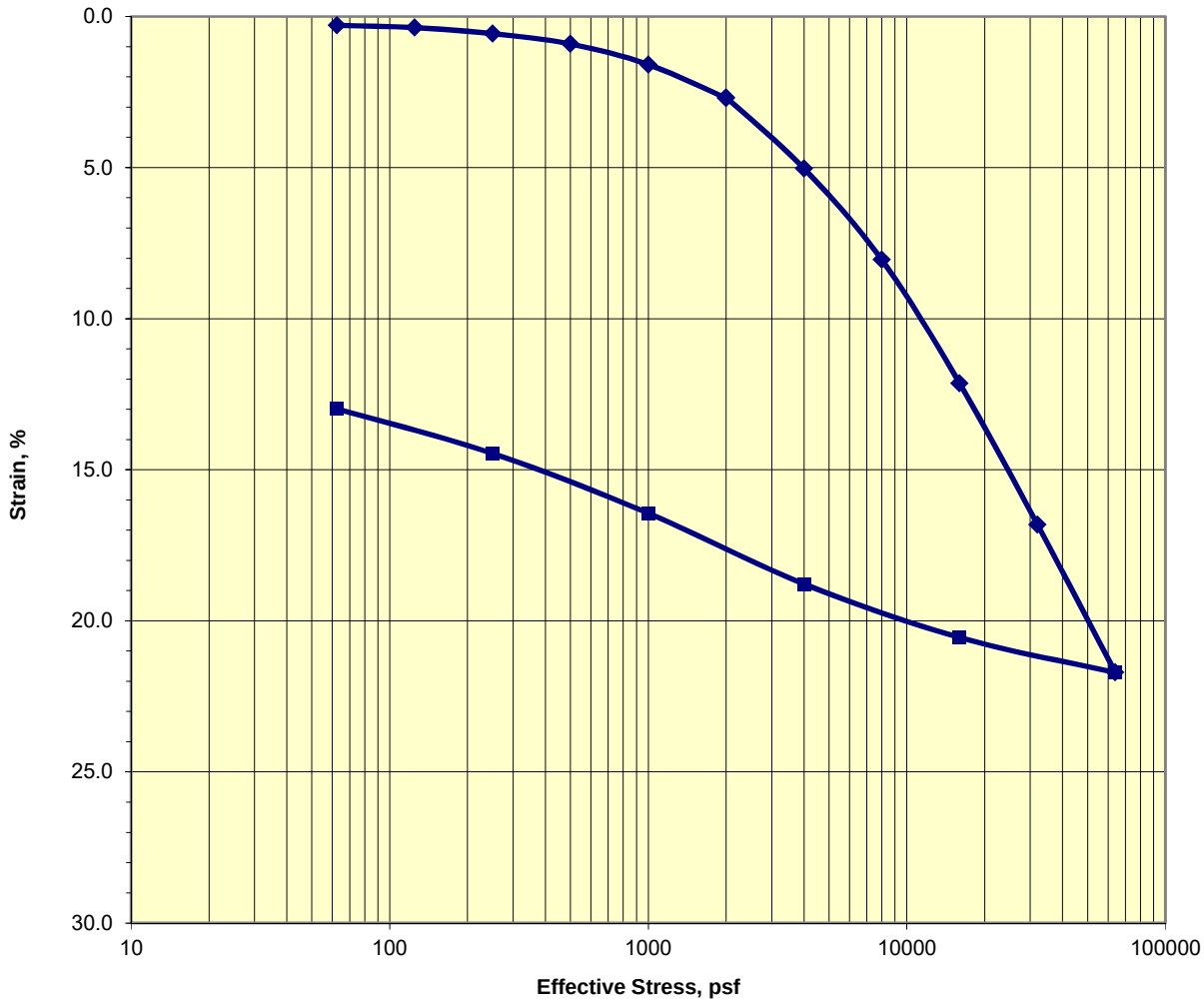
Assumed Gs 2.7	Initial	Final
Moisture %:	31.4	28.2
Dry Density, pcf:	89.7	95.7
Void Ratio:	0.880	0.762
% Saturation:	96.5	100.0

Remarks: Per the client's instructions, the sample was not inundated until after the 2000psf load had been applied for 24 hours.

Consolidation Test
ASTM D2435

Job No.:	781-044	**Boring:**	B-4	**Run By:**	MD
Client:	PSI	**Sample:**	ST-6	**Reduced:**	PJ
Project:	575-1729	**Depth, ft.:**	12.5(Tip-3")	**Checked:**	PJ/DC
Soil Type:	Olive SILT w/ Sand			**Date:**	12/4/2020

Strain-Log-P Curve



Assumed Gs 2.7	Initial	Final
Moisture %:	35.0	27.1
Dry Density, pcf:	85.2	97.4
Void Ratio:	0.979	0.731
% Saturation:	96.7	100.0

Remarks: Per the client's instructions, the sample was not inundated until after the 2000psf load had been applied for 24 hours.

intertek psi
Total Quality. Assured.

Determining Minimum Laboratory Soil Resistivity (AASHTO T 288-91)

Project Name:	**Charities - Santa Clara**	**Project Number:**	**575-1729**
Laboratory Number:	**0575 (Oakland, CA)**	**Date Tested:**	**Dec. 11, 2020**
Sample Description:	**B-3 Bulk (1-5') => CL**		

Equipment List	
Meter:	H-4385
Scale:	01PS587

Initial Data	
Air Dried Mass of Sample (g)	1,100
Mass of Water Added (mL)	110
Amount of Time Hydrated (hrs)	168
Test Data	**Reading on Resistivity Meter (Ω)**
Initial	3,100
100 mL of Water	2,300
200 mL of Water	Saturated
300 mL of Water	
400 mL of Water	
500 mL of Water	
600 mL of Water	
700 mL of Water	
800 mL of Water	
900 mL of Water	
Final Test Results	2,300
Lowest Reading	**2,300**

Tested By: M.U.
Date: 11-Dec

Reviewed By: B.B.
Date: 11-Dec

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

20 November 2020

Brand Burfield
PSI -- Oakland
4703 Tidewater Ave Ste B
Oakland, CA 94601

RE: Charities-Santa Clara

Enclosed are the results of analyses for samples received by the laboratory on 11/13/20 09:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mike Jaroudi
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

PSI -- Oakland	Project: Charities-Santa Clara	
4703 Tidewater Ave Ste B	Project Number: 575-1729	**Reported:**
Oakland CA, 94601	Project Manager: Brand Burfield	11/20/20 15:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B3 Bulk	T203900-01	Soil	11/04/20 00:00	11/13/20 09:30

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mike Jaroudi, Project Manager

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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949.297.5020 Phone
949.297.5027 Fax

PSI -- Oakland	Project: Charities-Santa Clara	
4703 Tidewater Ave Ste B	Project Number: 575-1729	**Reported:**
Oakland CA, 94601	Project Manager: Brand Burfield	11/20/20 15:48

DETECTIONS SUMMARY

Sample ID: B3 Bulk **Laboratory ID:** T203900-01

Analyte	Result	Reporting Limit	Units	Method	Notes
pH	**7.8**	0.1	pH Units	EPA 9045B	O-04
Sulfate as SO4	**78.0**	10.0	mg/kg	EPA 300.0	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Mike Jaroudi, Project Manager

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Providing Quality Analytical Services Nationwide

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Lake Forest, California 92630
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949.297.5027 Fax

PSI -- Oakland	Project: Charities-Santa Clara	
4703 Tidewater Ave Ste B	Project Number: 575-1729	**Reported:**
Oakland CA, 94601	Project Manager: Brand Burfield	11/20/20 15:48

B3 Bulk

T203900-01 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
pH	**7.8**	0.1	pH Units	1	0111326	11/13/20	11/13/20	EPA 9045B	O-04
Anion Scan by EPA Method 300.0									
Chloride	ND	10.0	mg/kg	1	0111341	11/13/20	11/16/20	EPA 300.0	
Sulfate as SO4	**78.0**	10.0	"	"	"	"	"	"	

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Mike Jaroudi, Project Manager

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949.297.5020 Phone
949.297.5027 Fax

PSI -- Oakland	Project: Charities-Santa Clara	
4703 Tidewater Ave Ste B	Project Number: 575-1729	**Reported:**
Oakland CA, 94601	Project Manager: Brand Burfield	11/20/20 15:48

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0111326 - General Preparation										
Duplicate (0111326-DUP1)		**Source: T203900-01**		Prepared & Analyzed: 11/13/20						
pH	7.81	0.1	pH Units		7.78			0.385	20	

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PSI -- Oakland	Project: Charities-Santa Clara	
4703 Tidewater Ave Ste B	Project Number: 575-1729	**Reported:**
Oakland CA, 94601	Project Manager: Brand Burfield	11/20/20 15:48

Anion Scan by EPA Method 300.0 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0111341 - General Preparation										
Blank (0111341-BLK1)				Prepared: 11/13/20 Analyzed: 11/16/20						
Chloride	ND	10.0	mg/kg							
Sulfate as SO4	ND	10.0	"							
LCS (0111341-BS1)				Prepared: 11/13/20 Analyzed: 11/16/20						
Chloride	219	10.0	mg/kg	250		87.4	70-130			
Sulfate as SO4	214	10.0	"	250		85.8	70-130			
Matrix Spike (0111341-MS1)	**Source: T203899-01**			Prepared: 11/13/20 Analyzed: 11/16/20						
Chloride	241	10.0	mg/kg	269	4.74	88.1	70-130			
Sulfate as SO4	240	10.0	"	269	11.4	85.0	70-130			
Matrix Spike Dup (0111341-MSD1)	**Source: T203899-01**			Prepared: 11/13/20 Analyzed: 11/16/20						
Chloride	233	10.0	mg/kg	258	4.74	88.5	70-130	3.63	20	
Sulfate as SO4	232	10.0	"	258	11.4	85.8	70-130	3.19	20	

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PSI -- Oakland	Project: Charities-Santa Clara	
4703 Tidewater Ave Ste B	Project Number: 575-1729	**Reported:**
Oakland CA, 94601	Project Manager: Brand Burfield	11/20/20 15:48

Notes and Definitions

O-04	This sample was received and analyzed outside the EPA recommended holding time.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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949-297-5020

Chain of Custody Record

Client: Intertek PSI
Address: 4703 Tidewater Ave, Oakland, Ca
Phone: (510) 434-9200 Fax:
Project Manager: Brandi Burfield

Date: 11/12/20 Page: 1 Of 1
Project Name: Charities - Santa Clara
Collector: M. Urias Client Project #: 5751729
Batch #: T203900 EDF #:

Laboratory ID #	Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	6020 ICP-MS Metals	TPH, chloride, sulfate				Comments/Preservative	Total # of containers
01	B3 Bulk	11/4/20		soil	Bag																

Relinquished by: (signature) Date / Time
11/12/20 15:30
Received by: (signature) Date / Time

Relinquished by: (signature) Date / Time
GLS 11/13/2020 9:30
Received by: (signature) Date / Time
11/13/2020 9:30

Relinquished by: (signature) Date / Time
Received by: (signature) Date / Time

Total # of containers
Chain of Custody seals Y/N/NA: N
Seals intact? Y/N/NA: NA
Received good condition/cold: 15.1 °C

Turn around time: STD

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

COC 191958

FIGURES

PSI
4703 Tidewater Avenue
Suite B
Oakland, CA 94601

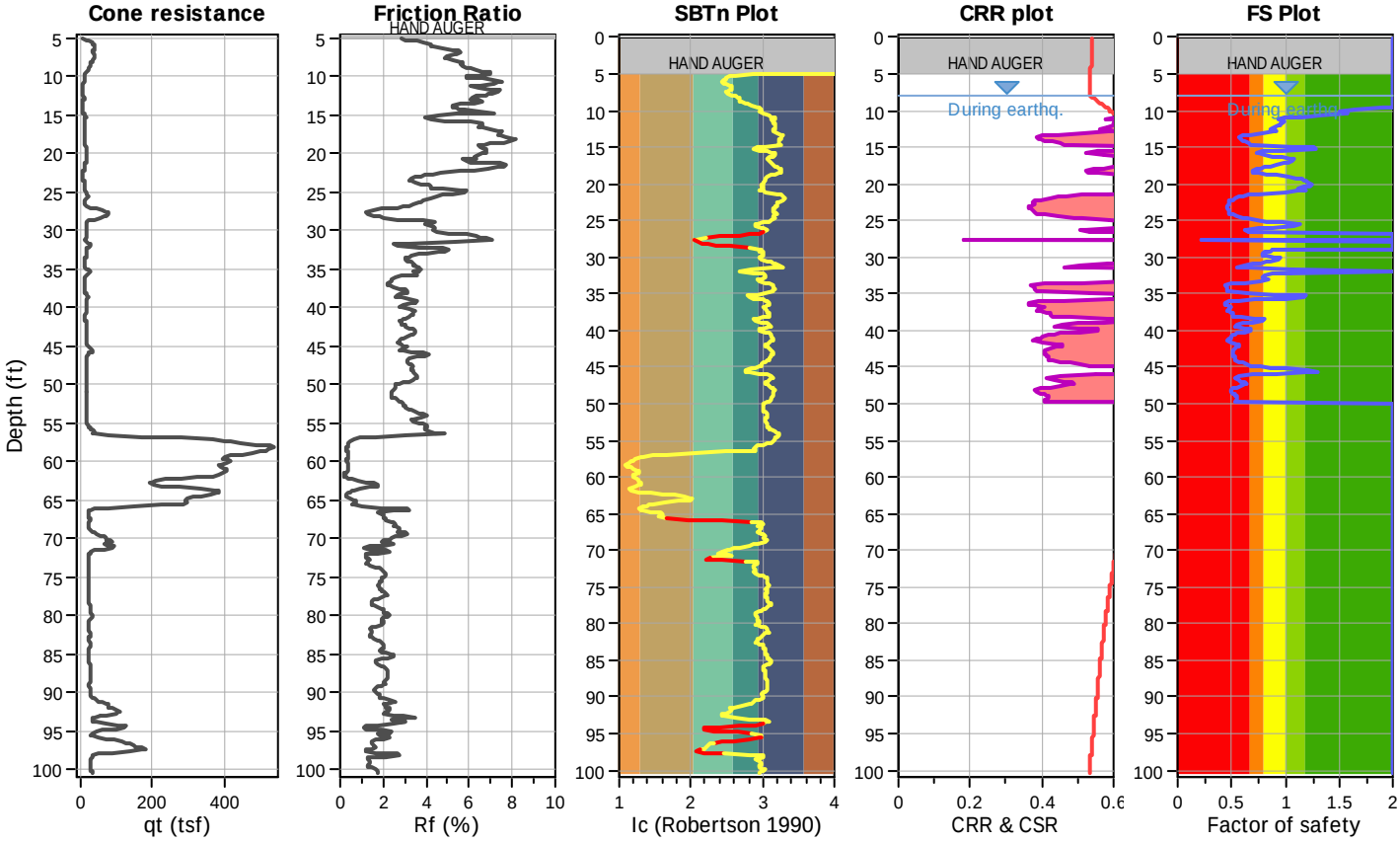
LIQUEFACTION ANALYSIS REPORT

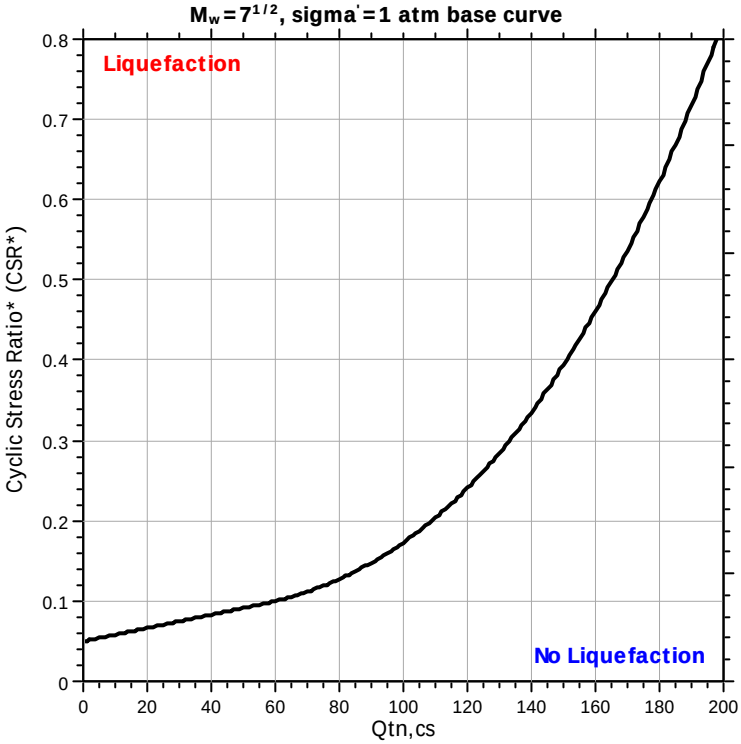
Project title : Charities Housing @1601 Civic Center Drive, **Location : 05751585-1 Liquefaction Analysis**

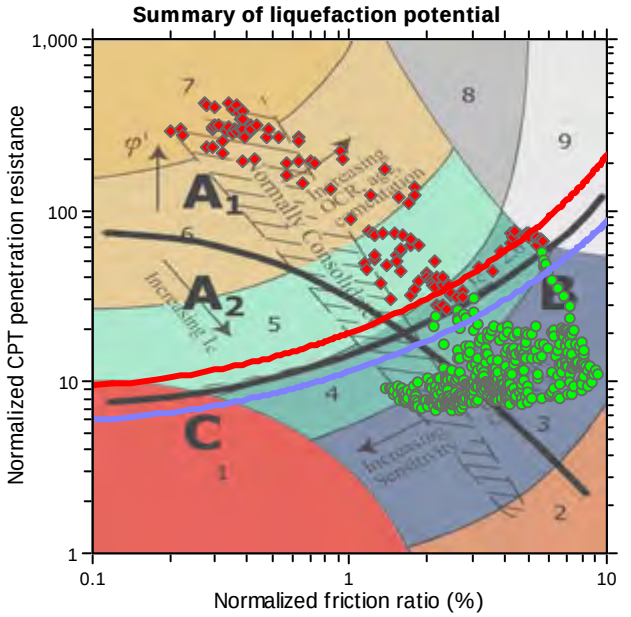
CPT file : CPT-1

Input parameters and analysis data

Analysis method:	Robertson (2009)	G.W.T. (in-situ):	8.00 ft	Use fill:	No	Clay like behavior applied:	All soils
Fines correction method:	Robertson (2009)	G.W.T. (earthq.):	8.00 ft	Fill height:	N/A	Limit depth applied:	Yes
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	50.00 ft
Earthquake magnitude M_w:	7.90	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method based
Peak ground acceleration:	0.56	Unit weight calculation:	Based on SBT	K_σ applied:	No		

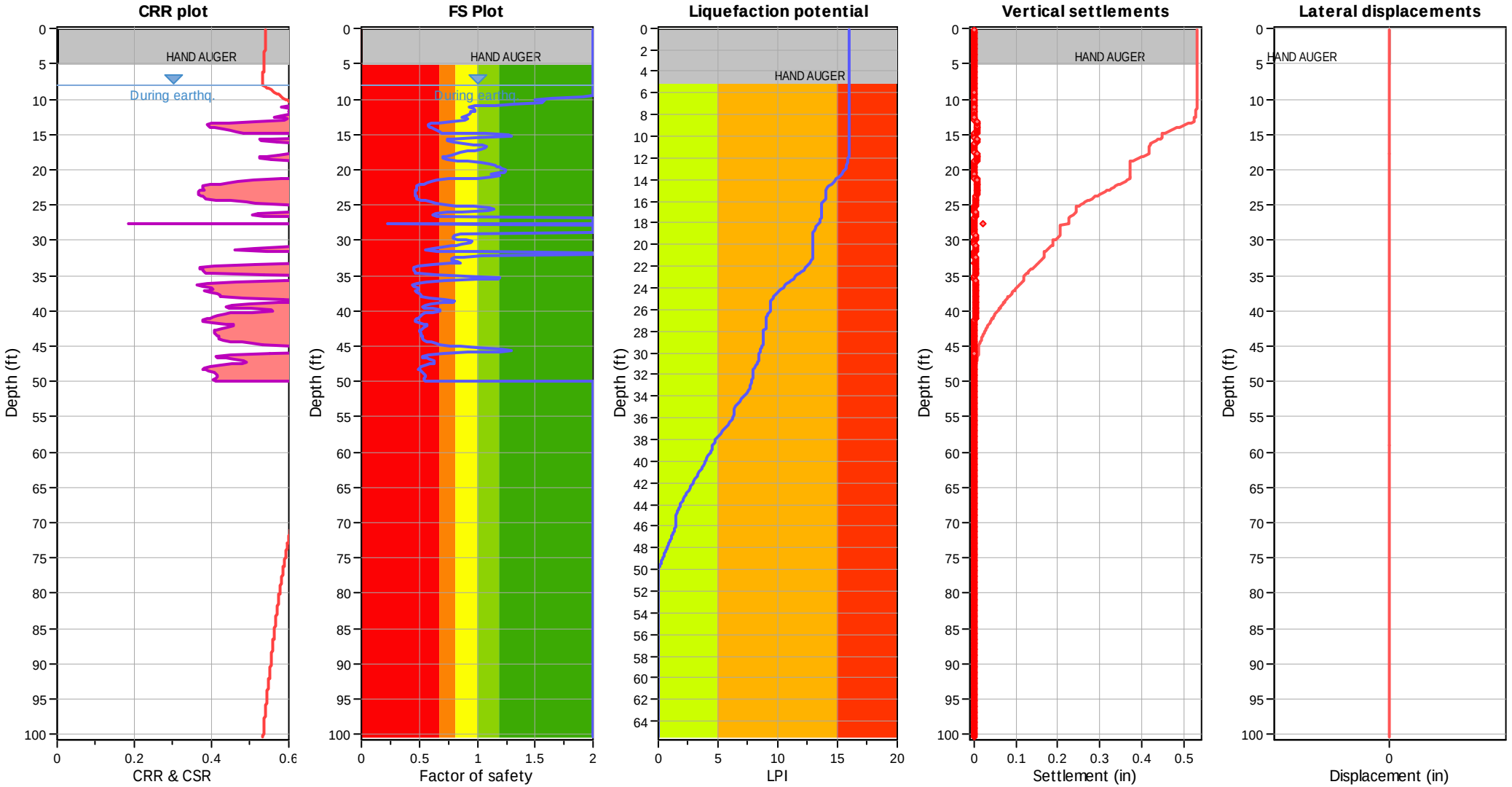






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	Robertson (2009)	Depth to water table (erthq.):	8.00 ft	Fill weight:	N/A
Fines correction method:	Robertson (2009)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	No
Earthquake magnitude M_w:	7.90	Unit weight calculation:	Based on SBT	Clay like behavior applied:	All soils
Peak ground acceleration:	0.56	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	8.00 ft	Fill height:	N/A	Limit depth:	50.00 ft

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

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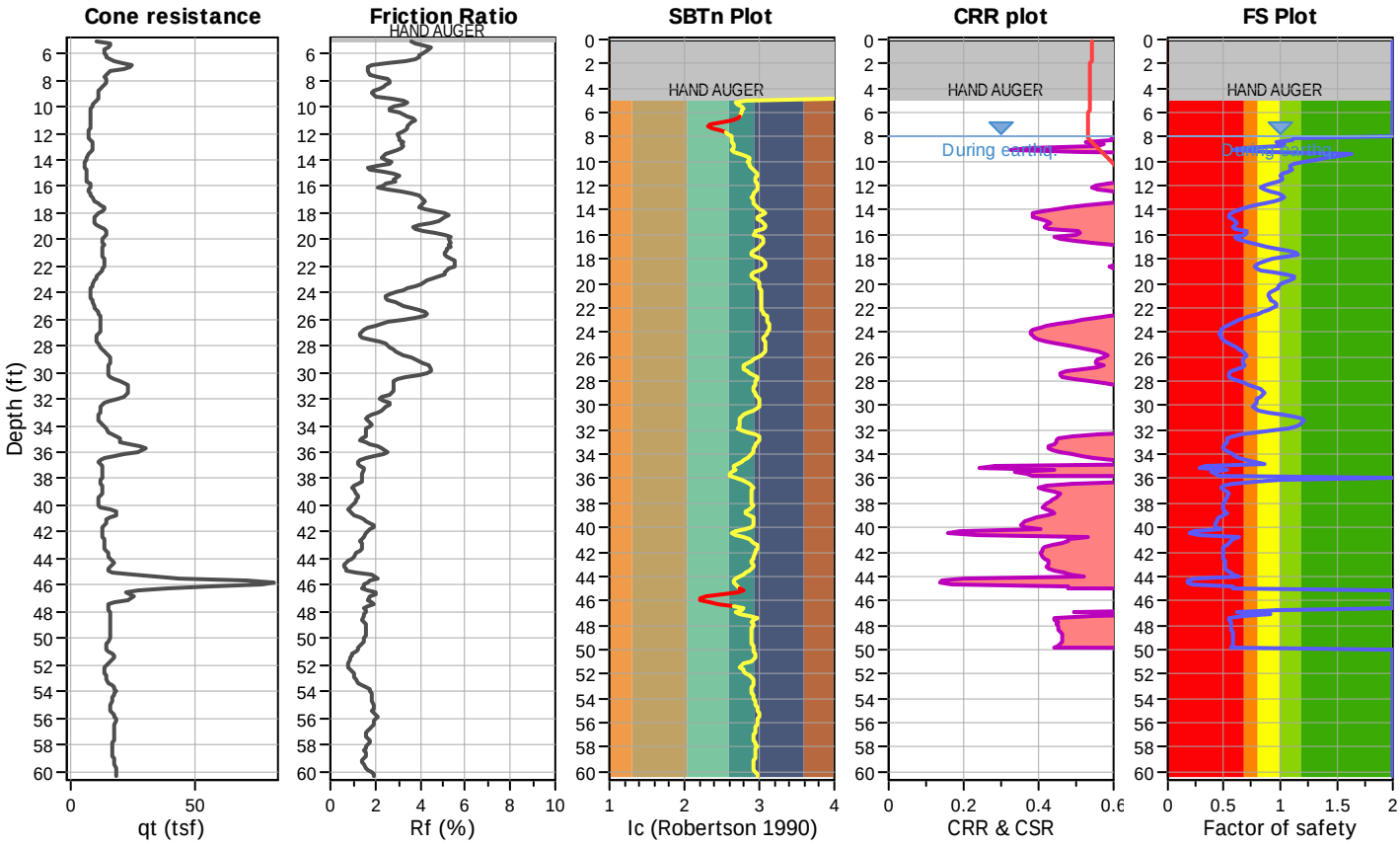
LIQUEFACTION ANALYSIS REPORT

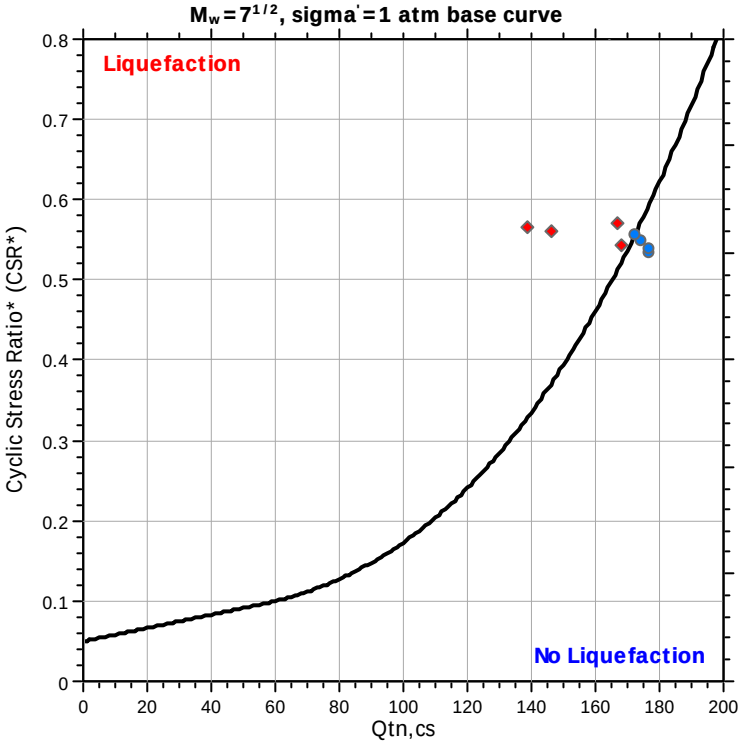
Project title : Charities Housing @1601 Civic Center Drive, **Location : 05751585-1 Liquefaction Analysis**

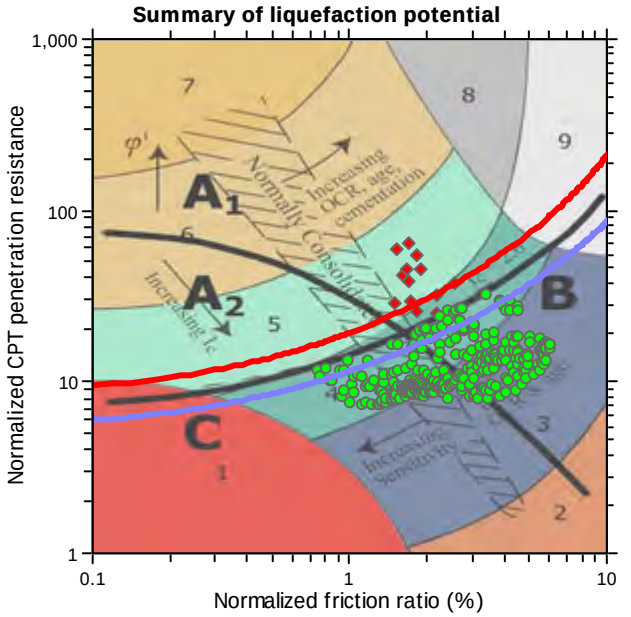
CPT file : CPT-2

Input parameters and analysis data

Analysis method:	Robertson (2009)	G.W.T. (in-situ):	8.00 ft	Use fill:	No	Clay like behavior applied:	All soils
Fines correction method:	Robertson (2009)	G.W.T. (earthq.):	8.00 ft	Fill height:	N/A	Limit depth applied:	Yes
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	50.00 ft
Earthquake magnitude M_w:	7.90	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method based
Peak ground acceleration:	0.56	Unit weight calculation:	Based on SBT	K_σ applied:	No		

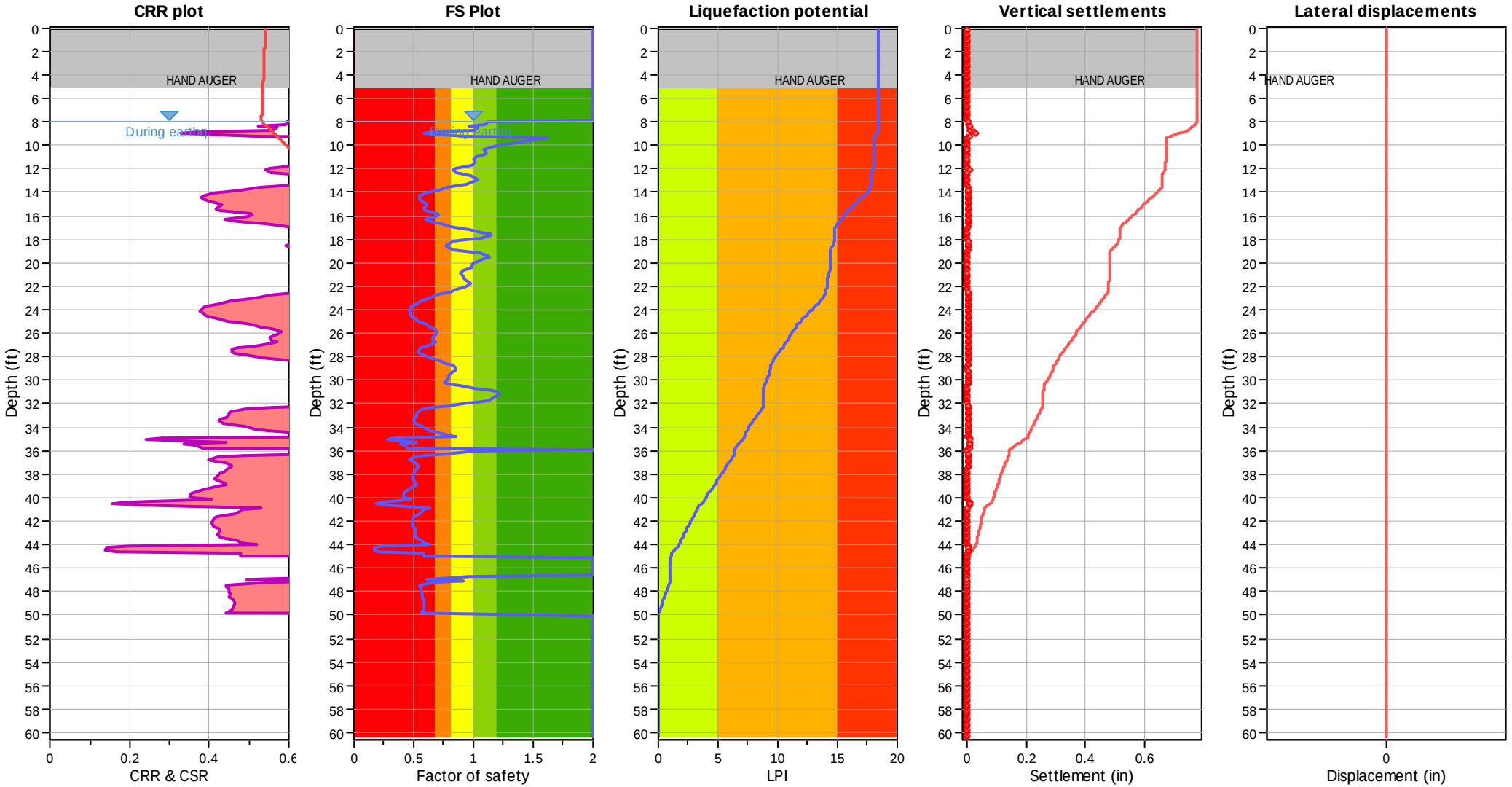






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	Robertson (2009)	Depth to water table (erthq.):	8.00 ft	Fill weight:	N/A
Fines correction method:	Robertson (2009)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	No
Earthquake magnitude M_w:	7.90	Unit weight calculation:	Based on SBT	Clay like behavior applied:	All soils
Peak ground acceleration:	0.56	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	8.00 ft	Fill height:	N/A	Limit depth:	50.00 ft

F.S. color scheme

- Almost certain it will liquefy
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LPI color scheme

- Very high risk
- High risk
- Low risk

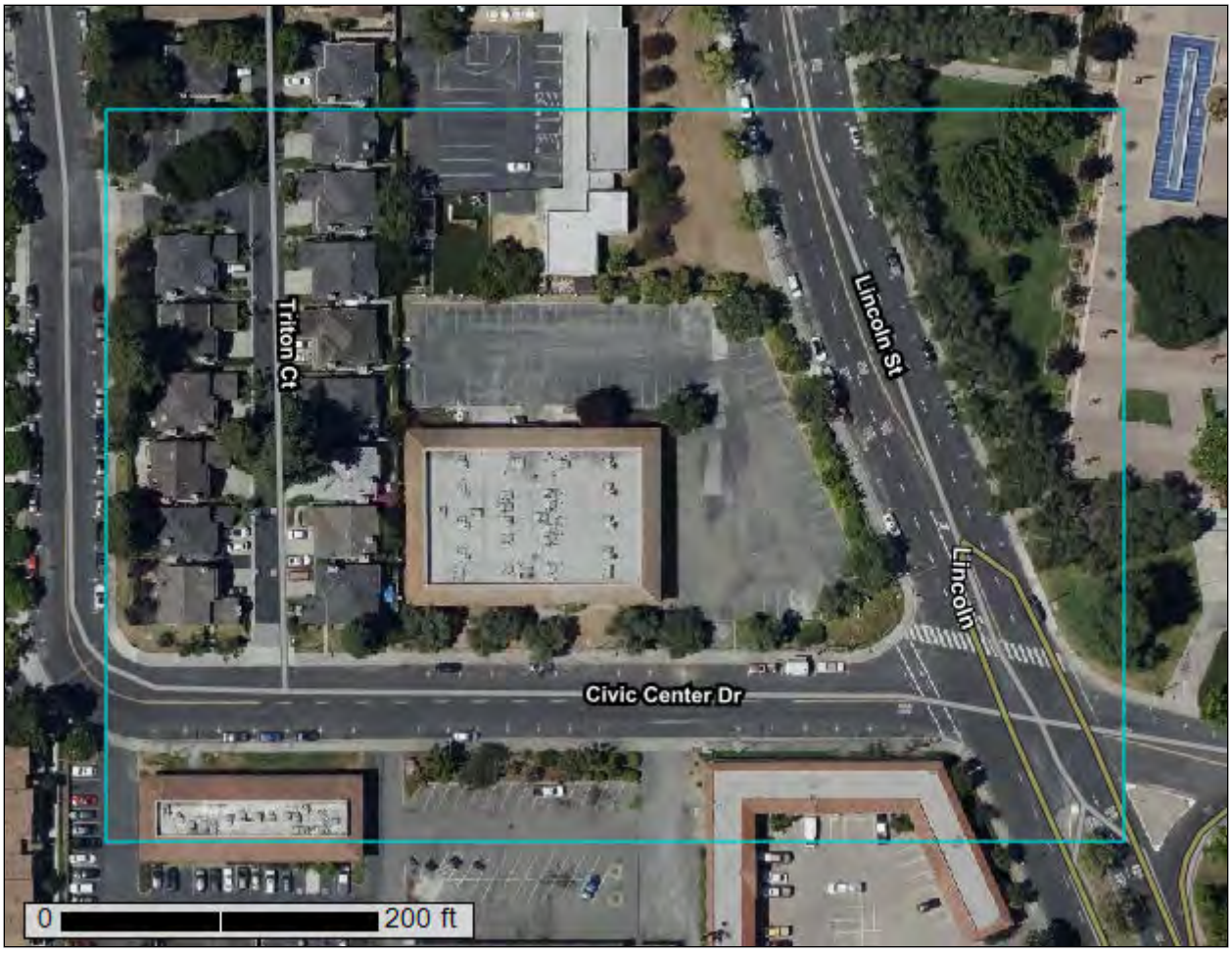
United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Santa Clara Area, California, Western Part



November 15, 2021

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map (1601 Civic Center Web Soil Survey)



Map Scale: 1:1,180 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 15 30 60 90

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Santa Clara Area, California, Western Part
Survey Area Data: Version 10, Sep 9, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 11, 2021—Jun 16, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend (1601 Civic Center Web Soil Survey)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
180	Urbanland-Newpark complex, 0 to 2 percent slopes	3.3	48.8%
185	Urban Land - Bayshore complex, 0 to 2 percent slopes, drained	3.5	51.2%
Totals for Area of Interest		**6.7**	**100.0%**

Map Unit Descriptions (1601 Civic Center Web Soil Survey)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Santa Clara Area, California, Western Part

180—Urbanland-Newpark complex, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 261r8
Elevation: 10 to 190 feet
Mean annual precipitation: 14 to 24 inches
Mean annual air temperature: 57 to 61 degrees F
Frost-free period: 275 to 325 days
Farmland classification: Not prime farmland

Map Unit Composition

Urban land: 70 percent
Newpark and similar soils: 20 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Urban Land

Setting

Landform: Alluvial fans
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Disturbed and human transported material

Description of Newpark

Setting

Landform: Alluvial fans
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from metamorphic and sedimentary rock and/or alluvium derived from metavolcanics

Typical profile

Ap - 0 to 8 inches: silty clay loam
A1 - 8 to 18 inches: silty clay loam
A2 - 18 to 27 inches: silty clay loam
Ck1 - 27 to 36 inches: silty clay loam
Ck2 - 36 to 52 inches: silty clay loam
C1 - 52 to 63 inches: fine sandy loam
C2 - 63 to 79 inches: fine sandy loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None

Frequency of ponding: None
Calcium carbonate, maximum content: 10 percent
Gypsum, maximum content: 2 percent
Maximum salinity: Nonsaline to very slightly saline (1.0 to 3.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: High (about 11.2 inches)

Interpretive groups

Land capability classification (irrigated): 1
Land capability classification (nonirrigated): 3s
Hydrologic Soil Group: C
Ecological site: R014XG917CA - Dry Loamy Fan
Hydric soil rating: No

Minor Components

Still

Percent of map unit: 5 percent
Landform: Alluvial fans
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Elpaloalto

Percent of map unit: 5 percent
Landform: Alluvial fans
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

185—Urban Land - Bayshore complex, 0 to 2 percent slopes, drained

Map Unit Setting

National map unit symbol: 2mfbq
Elevation: 10 to 90 feet
Mean annual precipitation: 14 to 24 inches
Mean annual air temperature: 57 to 61 degrees F
Frost-free period: 275 to 325 days
Farmland classification: Not prime farmland

Map Unit Composition

Urban land: 70 percent
Bayshore and similar soils: 20 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Urban Land

Setting

Landform: Alluvial fans
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Disturbed and human transported material

Description of Bayshore

Setting

Landform: Basin floors
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from metamorphic and sedimentary rock and/or alluvium derived from metavolcanics

Typical profile

A1 - 0 to 3 inches: loam
A2 - 3 to 12 inches: loam
ABt - 12 to 26 inches: loam
ABtk - 26 to 38 inches: sandy clay loam
Ck - 38 to 51 inches: sandy clay loam
C - 51 to 61 inches: gravelly sandy loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 20 percent
Maximum salinity: Nonsaline (0.1 to 0.3 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: High (about 9.6 inches)

Interpretive groups

Land capability classification (irrigated): 1
Land capability classification (nonirrigated): 3s
Hydrologic Soil Group: C
Hydric soil rating: Yes

Minor Components

Hangerone, drained

Percent of map unit: 10 percent
Landform: Basin floors
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear

Hydric soil rating: Yes

Soil Information for All Uses

Soil Reports

The Soil Reports section includes various formatted tabular and narrative reports (tables) containing data for each selected soil map unit and each component of each unit. No aggregation of data has occurred as is done in reports in the Soil Properties and Qualities and Suitabilities and Limitations sections.

The reports contain soil interpretive information as well as basic soil properties and qualities. A description of each report (table) is included.

Soil Physical Properties

This folder contains a collection of tabular reports that present soil physical properties. The reports (tables) include all selected map units and components for each map unit. Soil physical properties are measured or inferred from direct observations in the field or laboratory. Examples of soil physical properties include percent clay, organic matter, saturated hydraulic conductivity, available water capacity, and bulk density.

Physical Soil Properties (1601 Civic Center Web Soil Survey)

This table shows estimates of some physical characteristics and features that affect soil behavior. These estimates are given for the layers of each soil in the survey area. The estimates are based on field observations and on test data for these and similar soils.

Depth to the upper and lower boundaries of each layer is indicated.

Particle size is the effective diameter of a soil particle as measured by sedimentation, sieving, or micrometric methods. Particle sizes are expressed as classes with specific effective diameter class limits. The broad classes are sand, silt, and clay, ranging from the larger to the smaller.

Sand as a soil separate consists of mineral soil particles that are 0.05 millimeter to 2 millimeters in diameter. In this table, the estimated sand content of each soil layer is given as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter.

Silt as a soil separate consists of mineral soil particles that are 0.002 to 0.05 millimeter in diameter. In this table, the estimated silt content of each soil layer is given as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter.

Clay as a soil separate consists of mineral soil particles that are less than 0.002 millimeter in diameter. In this table, the estimated clay content of each soil layer is given as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter.

The content of sand, silt, and clay affects the physical behavior of a soil. Particle size is important for engineering and agronomic interpretations, for determination of soil hydrologic qualities, and for soil classification.

The amount and kind of clay affect the fertility and physical condition of the soil and the ability of the soil to adsorb cations and to retain moisture. They influence shrink-swell potential, saturated hydraulic conductivity (Ksat), plasticity, the ease of soil dispersion, and other soil properties. The amount and kind of clay in a soil also affect tillage and earthmoving operations.

Moist bulk density is the weight of soil (ovendry) per unit volume. Volume is measured when the soil is at field moisture capacity, that is, the moisture content at 1/3- or 1/10-bar (33kPa or 10kPa) moisture tension. Weight is determined after the soil is dried at 105 degrees C. In the table, the estimated moist bulk density of each soil horizon is expressed in grams per cubic centimeter of soil material that is less than 2 millimeters in diameter. Bulk density data are used to compute linear extensibility, shrink-swell potential, available water capacity, total pore space, and other soil properties. The moist bulk density of a soil indicates the pore space available for water and roots. Depending on soil texture, a bulk density of more than 1.4 can restrict water storage and root penetration. Moist bulk density is influenced by texture, kind of clay, content of organic matter, and soil structure.

Saturated hydraulic conductivity (Ksat) refers to the ease with which pores in a saturated soil transmit water. The estimates in the table are expressed in terms of micrometers per second. They are based on soil characteristics observed in the field, particularly structure, porosity, and texture. Saturated hydraulic conductivity (Ksat) is considered in the design of soil drainage systems and septic tank absorption fields.

Available water capacity refers to the quantity of water that the soil is capable of storing for use by plants. The capacity for water storage is given in inches of water per inch of soil for each soil layer. The capacity varies, depending on soil properties that affect retention of water. The most important properties are the content of organic matter, soil texture, bulk density, and soil structure. Available water capacity is an important factor in the choice of plants or crops to be grown and in the design and management of irrigation systems. Available water capacity is not an estimate of the quantity of water actually available to plants at any given time.

Linear extensibility refers to the change in length of an unconfined clod as moisture content is decreased from a moist to a dry state. It is an expression of the volume change between the water content of the clod at 1/3- or 1/10-bar tension (33kPa or 10kPa tension) and oven dryness. The volume change is reported in the table as percent change for the whole soil. The amount and type of clay minerals in the soil influence volume change.

Linear extensibility is used to determine the shrink-swell potential of soils. The shrink-swell potential is low if the soil has a linear extensibility of less than 3 percent; moderate if 3 to 6 percent; high if 6 to 9 percent; and very high if more than

9 percent. If the linear extensibility is more than 3, shrinking and swelling can cause damage to buildings, roads, and other structures and to plant roots. Special design commonly is needed.

Organic matter is the plant and animal residue in the soil at various stages of decomposition. In this table, the estimated content of organic matter is expressed as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter. The content of organic matter in a soil can be maintained by returning crop residue to the soil.

Organic matter has a positive effect on available water capacity, water infiltration, soil organism activity, and tilth. It is a source of nitrogen and other nutrients for crops and soil organisms.

Erosion factors are shown in the table as the K factor (Kw and Kf) and the T factor. Erosion factor K indicates the susceptibility of a soil to sheet and rill erosion by water. Factor K is one of six factors used in the Universal Soil Loss Equation (USLE) and the Revised Universal Soil Loss Equation (RUSLE) to predict the average annual rate of soil loss by sheet and rill erosion in tons per acre per year. The estimates are based primarily on percentage of silt, sand, and organic matter and on soil structure and Ksat. Values of K range from 0.02 to 0.69. Other factors being equal, the higher the value, the more susceptible the soil is to sheet and rill erosion by water.

Erosion factor Kw indicates the erodibility of the whole soil. The estimates are modified by the presence of rock fragments.

Erosion factor Kf indicates the erodibility of the fine-earth fraction, or the material less than 2 millimeters in size.

Erosion factor T is an estimate of the maximum average annual rate of soil erosion by wind and/or water that can occur without affecting crop productivity over a sustained period. The rate is in tons per acre per year.

Wind erodibility groups are made up of soils that have similar properties affecting their susceptibility to wind erosion in cultivated areas. The soils assigned to group 1 are the most susceptible to wind erosion, and those assigned to group 8 are the least susceptible. The groups are described in the "National Soil Survey Handbook."

Wind erodibility index is a numerical value indicating the susceptibility of soil to wind erosion, or the tons per acre per year that can be expected to be lost to wind erosion. There is a close correlation between wind erosion and the texture of the surface layer, the size and durability of surface clods, rock fragments, organic matter, and a calcareous reaction. Soil moisture and frozen soil layers also influence wind erosion.

Reference:
United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. (http://soils.usda.gov)

Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

Physical Soil Properties–Santa Clara Area, California, Western Part														
Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	In	*Pct*	*Pct*	*Pct*	*g/cc*	*micro m/sec*	*In/In*	*Pct*	*Pct*					
180—Urbanland-Newpark complex, 0 to 2 percent slopes														
Urban land	—	—	—	—	—	—	—	—	—					
Newpark	0-8	- 7-	-63-	25-30- 35	1.35-1.40-1.45	1.40-2.00-4.00	0.17-0.19-0.21	3.0- 4.5- 6.0	1.0- 2.0-4.0	.43	.43	5	6	48
	8-18	- 6-	-62-	25-32- 35	1.35-1.40-1.45	1.40-2.00-4.00	0.17-0.19-0.21	3.0- 4.5- 6.0	1.0- 1.4-2.0	.43	.43			
	18-27	- 6-	-62-	25-32- 35	1.35-1.40-1.45	1.40-2.00-4.00	0.17-0.19-0.21	3.0- 4.5- 6.0	0.5- 0.7-1.0	.43	.43			
	27-36	- 7-	-65-	27-28- 35	1.35-1.40-1.45	1.40-2.00-4.00	0.17-0.19-0.21	3.0- 4.5- 6.0	0.3- 0.4-0.8	.49	.49			
	36-52	- 7-	-65-	27-28- 35	1.35-1.40-1.45	1.40-2.00-4.00	0.17-0.19-0.21	3.0- 4.5- 6.0	0.3- 0.4-0.8	.49	.49			
	52-63	-69-	-16-	15-15- 30	1.40-1.45-1.55	1.40-10.00-14.00	0.13-0.17-0.21	3.0- 4.5- 6.0	0.2- 0.3-0.5	.28	.28			
	63-79	-68-	-16-	15-16- 30	1.40-1.45-1.50	1.40-10.00-14.00	0.13-0.17-0.21	3.0- 4.5- 6.0	0.2- 0.3-0.5	.28	.28			
Elpaloalto	0-8	-35-	-50-	0-15- 25	0.10-0.20-0.30	42.00-373.00-705.00	0.30-0.45-0.60	—	65.0-75.0-95.0			5	6	48
	8-17	-29-	-44-	20-27- 35	1.35-1.40-1.45	1.40-10.00-14.00	0.15-0.17-0.21	3.0- 4.5- 6.0	1.0- 2.0-3.0	.32	.32			
	17-26	- 3-	-59-	27-38- 40	1.35-1.40-1.45	1.40-2.00-4.00	0.17-0.19-0.21	3.0- 4.5- 6.0	1.0- 1.4-2.0	.37	.37			
	26-35	- 1-	-59-	27-40- 40	1.35-1.40-1.45	1.40-2.00-4.00	0.17-0.19-0.21	3.0- 4.5- 6.0	0.5- 0.7-1.0	.37	.37			
	35-47	- 4-	-56-	27-40- 40	1.35-1.40-1.45	1.40-2.00-4.00	0.17-0.19-0.21	3.0- 4.5- 6.0	0.3- 0.4-0.8	.37	.37			

Physical Soil Properties–Santa Clara Area, California, Western Part														
Map symbol and soil name	**Depth**	**Sand**	**Silt**	**Clay**	**Moist bulk density**	**Saturated hydraulic conductivity**	**Available water capacity**	**Linear extensibility**	**Organic matter**	**Erosion factors**			**Wind erodibility group**	**Wind erodibility index**
										Kw	**Kf**	**T**		
	In	*Pct*	*Pct*	*Pct*	*g/cc*	*micro m/sec*	*In/In*	*Pct*	*Pct*					
	47-71	-10-	-51-	27-39- 40	1.35-1.40-1.45	1.40-2.00-4.00	0.17-0.19-0.21	3.0- 4.5- 6.0	0.3- 0.4-0.8	.37	.37			
	71-94	-17-	-50-	25-33- 40	1.35-1.40-1.45	1.40-2.00-4.00	0.17-0.19-0.21	3.0- 4.5- 6.0	0.2- 0.3-0.5	.37	.37			
Still	0-2	-66-	-19-	15-15- 22	1.35-1.45-1.55	14.00-20.00-42.00	0.10-0.12-0.13	3.0- 4.0- 6.0	1.0- 2.0-4.0	.15	.15	5	3	86
	2-12	-68-	-14-	18-18- 22	1.35-1.55-1.65	14.00-20.00-42.00	0.13-0.15-0.17	3.0- 4.0- 6.0	1.0- 2.0-4.0	.43	.43			
	12-20	-26-	-53-	18-21- 22	1.35-1.45-1.55	4.00-20.00-42.00	0.15-0.17-0.20	3.0- 4.0- 6.0	1.0- 1.5-2.0	.37	.37			
	20-33	-26-	-52-	18-22- 22	1.35-1.45-1.55	4.00-20.00-42.00	0.15-0.17-0.20	3.0- 4.0- 6.0	0.5- 0.8-1.5	.43	.43			
	33-37	-42-	-37-	18-21- 26	1.35-1.45-1.55	4.00-20.00-42.00	0.13-0.15-0.18	3.0- 4.0- 6.0	0.3- 0.4-0.8	.32	.32			
	37-51	-43-	-38-	18-19- 26	1.35-1.45-1.55	4.00-20.00-42.00	0.13-0.15-0.18	3.0- 4.0- 6.0	0.3- 0.4-0.8	.37	.37			
	51-62	-39-	-37-	18-24- 26	1.35-1.45-1.55	4.00-20.00-42.00	0.13-0.15-0.18	3.0- 4.0- 6.0	0.2- 0.3-0.5	.32	.32			
	62-72	-39-	-37-	18-24- 26	1.35-1.45-1.55	4.00-20.00-42.00	0.13-0.15-0.18	3.0- 4.0- 6.0	0.1- 0.2-0.4	.32	.32			

Physical Soil Properties–Santa Clara Area, California, Western Part														
Map symbol and soil name	**Depth**	**Sand**	**Silt**	**Clay**	**Moist bulk density**	**Saturated hydraulic conductivity**	**Available water capacity**	**Linear extensibility**	**Organic matter**	**Erosion factors**			**Wind erodibility group**	**Wind erodibility index**
										Kw	**Kf**	**T**		
	In	*Pct*	*Pct*	*Pct*	*g/cc*	*micro m/sec*	*In/In*	*Pct*	*Pct*					
185—Urban Land - Bayshore complex, 0 to 2 percent slopes, drained														
Urban land	—	—	—	—	—	—	—	—	—					
Bayshore	0-3	-42-	-38-	18-20- 30	1.40-1.45-1.50	1.40-3.00-4.00	0.14-0.16-0.18	3.0- 4.5- 6.0	1.0- 2.0-4.0	.37	.37	5	6	48
	3-12	-41-	-37-	18-22- 30	1.40-1.45-1.50	1.40-3.00-4.00	0.14-0.16-0.18	3.0- 4.5- 6.0	0.8- 1.1-2.0	.37	.37			
	12-26	-38-	-36-	18-26- 35	1.40-1.45-1.50	1.40-2.00-4.00	0.14-0.16-0.18	3.0- 4.5- 6.0	0.8- 1.1-2.0	.32	.32			
	26-38	-55-	-18-	18-27- 35	1.40-1.45-1.50	1.40-2.00-4.00	0.14-0.16-0.18	3.0- 4.5- 6.0	0.5- 0.9-1.5	.24	.24			
	38-51	-58-	-18-	16-24- 35	1.40-1.45-1.50	1.40-2.00-4.00	0.14-0.16-0.18	3.0- 4.5- 6.0	0.4- 0.6-0.8	.24	.24			
	51-61	-65-	-19-	16-16- 35	1.40-1.45-1.50	1.40-3.00-4.00	0.14-0.16-0.18	3.0- 4.5- 6.0	0.1- 0.3-0.5	.17	.28			
Hangerone, drained	0-9	-21-	-38-	27-42- 45	1.40-1.45-1.50	1.40-3.00-4.00	0.17-0.19-0.21	6.0- 7.5- 9.0	1.0- 2.0-4.0	.28	.28	5	4	86
	9-17	-16-	-34-	27-51- 55	1.40-1.45-1.50	1.40-3.00-4.00	0.17-0.19-0.21	6.0- 7.5- 9.0	0.8- 1.1-2.0	.24	.24			
	17-27	-16-	-34-	35-50- 60	1.35-1.40-1.45	0.42-1.00-1.40	0.14-0.15-0.16	9.0-10.5-12.0	0.8- 1.1-2.0	.24	.24			
	27-35	-19-	-38-	35-44- 60	1.35-1.40-1.45	0.42-1.00-1.40	0.14-0.15-0.16	9.0-10.5-12.0	0.5- 0.9-1.5	.28	.28			
	35-45	-25-	-42-	30-34- 60	1.35-1.40-1.45	0.42-1.00-1.40	0.14-0.15-0.16	9.0-10.5-12.0	0.4- 0.6-0.8	.37	.37			

Physical Soil Properties–Santa Clara Area, California, Western Part														
Map symbol and soil name	**Depth**	**Sand**	**Silt**	**Clay**	**Moist bulk density**	**Saturated hydraulic conductivity**	**Available water capacity**	**Linear extensibility**	**Organic matter**	**Erosion factors**			**Wind erodibility group**	**Wind erodibility index**
										Kw	**Kf**	**T**		
	In	*Pct*	*Pct*	*Pct*	*g/cc*	*micro m/sec*	*In/In*	*Pct*	*Pct*					
	45-72	-44-	-32-	20-24- 35	1.60-1.65-1.70	42.00-50.00-141.00	0.05-0.06-0.07	0.0- 3.0- 9.0	0.1- 0.3-0.5	.10	.20			
	72-89	-22-	-29-	20-49- 50	1.45-1.50-1.55	4.00-10.00-14.00	0.15-0.18-0.20	3.0- 6.0- 9.0	0.1- 0.1-0.3	.20	.20			

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Appendix D

Phase I Environmental Site Assessment

Civic Center Family Housing Project
Initial Study

City of Santa Clara

Phase I Environmental Site Assessment

Vacant Building
1601 Civic Center Drive
Santa Clara, California 95050



Prepared for

Charities Housing
1400 Parkmoor Avenue
Suite 190
San Jose, California 95116

Prepared by

Professional Service Industries, Inc.
4703 Tidewater Avenue, Suite B
Oakland, California 94601

September 3, 2021

PSI Project 0575-1902

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LIST OF COMMONLY USED ABBREVIATIONS

AST	Above-ground Storage Tank
AUL	Activity and Land Use Limitation
AHERA	Asbestos Hazard Emergency Response Act
ACM	Asbestos-Containing Materials
AMSL	Above Mean Sea Level
APN	Assessor's Parcel Number (also referred to as a PIN)
ASTM	American Society for Testing and Materials
BER	Business Environmental Risk
Bgs	Below ground surface
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
COC	Chemical(s) of Concern
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System (now called SEMS)
CESQG	Conditionally Exempt Small Quantity Generator of Hazardous Waste
CREC	Controlled Recognized Environmental Condition
ERIS	Environmental Risk Information Service.
EP	Environmental Professional
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
FDEP	Florida Department of Environmental Protection
GCTL	Groundwater Cleanup Target Level
HREC	Historical Recognized Environmental Condition
HVAC	Heating, Ventilation, and Air Conditioning
LLP	Landowner Liability Protection
LQG	Large Quantity Generator of Hazardous Waste
LBP	Lead-Based Paint
LSA	Limited Site Assessment
LUST	Leaking Underground Storage Tank
MCL	Maximum Concentration Level
MSDS	Material Safety Data Sheets (now referred to as Safety Data Sheets)
MTBE	Methyl tert Butyl Ether
µg/L	Micrograms per Liter
Mg/kg	Milligrams per Kilogram
Mg/L	Milligrams per Liter
NPL	National Priorities List (aka/Superfund)
NFA	No Further Action (also known as No Further Remediation)
ND	Not Detected
NOV	Notice of Violation
OSHA	Occupational Safety and Health Administration
ppb	Parts per billion
ppm	Parts per million
PCE	Perchloroethylene (also known as Tetrachloroethylene)

pCi/L	Picocuries per liter
PCB	Polychlorinated Biphenyls
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
SRCO	Site Rehabilitation Completion Order
TPH	Total Petroleum Hydrocarbons
TCE	Trichloroethylene
UST	Underground Storage Tank
USDA	United States Department of Agriculture
USGS	United States Geological Survey
VEC	Vapor Encroachment Condition
VES	Vapor Encroachment Screening
VIC	Vapor Intrusion Condition
VOC	Volatile Organic Compound

CERTIFICATION

Professional Service Industries, Inc. (PSI) has completed a Phase I Environmental Site Assessment of the vacant building located at 1601 Civic Center Drive, Santa Clara, California ("the Subject Property"). PSI performed the Phase I ESA in general accordance with ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (the Practice). The assessment was completed at the request of Charities Housing ("the Client") in accordance with proposal number 575-351918, which was authorized by the Client on August 18, 2021.

The conclusions developed herein represent our professional judgment based on information and data available to us at the time of the assessment, and observations made at the time of our site reconnaissance. In accordance with ASTM E1527-13 § 4.6, the report is valid for a period of 180 days from the time of issuance.



Site Assessor:
Kassandra O. Idowu
Project Environmental Scientist



Reviewed by:
Frank R. Poss
Principal Consultant

Environmental Professional Certification

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 this part. 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. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Environmental Professional:
Frank R. Poss
Principal Consultant

1 EXECUTIVE SUMMARY

Professional Service Industries, Inc. (PSI) performed a Phase I Environmental Site Assessment (Phase I ESA) of the vacant building located at 1601 Civic Center Drive, Santa Clara, California. PSI performed the assessment to comply with the contract between Charities Housing (the Client) and PSI.

1.1 FINDINGS

A summary of findings is provided below. The report should be read in its entirety to obtain a more complete understanding of the information provided and to aid in any decisions made or actions taken based on this information.

1.1.1 SITE DESCRIPTION AND CURRENT USE

The subject property is located on the east side of Lincoln Street, north of its intersection with Civic Center Drive. The site address is 1601 Civic Center Drive, Santa Clara, California 95050. The site can also be defined by Santa Clara County Assessor Parcel Number: 224-49-006.

Currently, the subject property is developed with one two-story building that totals approximately 30,000 square feet on a 1.49-acre property. The building is currently unoccupied and appeared to previously function as an office space. The building includes multiple offices, break rooms, restrooms, and conference rooms. The subject property also has parking and limited landscaping.

No RECs were identified during the site reconnaissance.

1.1.2 ADJOINING PROPERTY DESCRIPTION AND USE

The subject property is located within a commercial and residential area in Santa Clara, California. Current use(s) of adjoining properties are:

Adjoining Current Use	
Direction	**Interpreted Property Use**
North	Santa Clara United Methodist Church
South	Civic Center Drive followed by Bank of the West and Best Western University Inn Santa Clara
West	Lincoln Street followed by City Hall
East	Multiple single-family residences

1.1.3 HISTORICAL USE OF SITE AND SURROUNDING AREA

Historical information sources researched in this assessment allowed uses of the property to be traced from the present back to 1939 as undeveloped and partially agricultural land with internal roads. The subject property appears to be undeveloped land in 1963 and was developed in its current configuration by 1974. Based on historical sources, it appears that the subject property has always functioned as office space for multiple tenants since 1975.

The general surrounding area has been agriculturally developed and undeveloped land until around 1963, when the adjacent properties appear to be developed with various commercial and residential structures. Around late-1970s to early-1990s, the commercial and residential buildings appear to be developed in their current configuration.

1.1.4 GOVERNMENTAL RECORDS REVIEW

PSI subcontracted with ERIS, to provide a review of governmental database records for spill sites, tanks, hazardous waste handlers, and other facilities of potential concern within proximity to the subject property. In our review of the environmental database report for the subject property and site vicinity, none of the listed sites appeared to be a REC.

1.1.5 SIGNIFICANT DATA GAPS

The Standard Practice defines a Significant Data Gap as a gap that affects the ability to identify RECs. Findings and conclusions are subject to the limitations imposed by Significant Data Gaps. Based on our experience, the information that we gathered and evaluated did not present significant data gaps that affected our ability to identify RECs in connection with the subject property.

1.2 CONCLUSIONS

PSI performed a Phase I Environmental Site Assessment of the subject property in general accordance with the scope and limitations of ASTM Practice E 1527-13. Any exceptions to or deletions from this practice are described in Section 2.3 of this report. The following conclusions have been made with regard to evidence of RECs, HRECs, CRECs, VECs, off-site RECs, and de minimis conditions on the subject property, as defined in ASTM E 1527-13.

1.2.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

This assessment has revealed no evidence of RECs in connection with the subject property.

1.2.2 CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS

This assessment has revealed no evidence of CRECs in connection with the subject property.

1.2.3 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

This assessment has revealed no evidence of HRECs in connection with the subject property.

1.2.4 VAPOR ENCROACHMENT CONDITIONS

This assessment has revealed no evidence of VECs in connection with the subject property.

1.2.5 DE MINIMIS CONDITIONS

PSI did not identify any evidence of *de minimis* conditions on the subject property.

1.2.6 OFF-SITE RCOGNIZED ENVIRONMENTAL CONDITIONS

This assessment has revealed no evidence of off-site RECs in connection with the subject property.

1.3 NON-SCOPE CONSIDERATIONS – OTHER BUSINESS ENVIRONMENTAL RISKS

Assessment of other environmental issues beyond the consideration of ASTM E 1527-13 was not conducted at the request of the Charities Housing.

1.4 RECOMMENDATIONS

PSI recommends no further assessment for RECs in connection with the subject property at this time.

2 PHASE I ESA SCOPE AND METHODOLOGY

2.1 PURPOSE OF SERVICES

PSI performed the Phase I ESA in conformance with ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (the Practice). The purpose of the Practice was to define good commercial practice for conducting an environmental site assessment and as such, the Practice is intended to permit the user to satisfy one of the requirements to qualify for the LLPs. The goal of the processes established by the Practice is to identify RECs in connection with the property.

2.2 PHASE I ESA METHODOLOGY

PSI performed a Phase I ESA of the subject property. The scope of our services and general methodology is presented below.

The information sources that PSI used, including published material, material obtained from commercial, and other sources, is listed below and cited as it is presented in the report. The information or excerpts thereof is appended.

This assessment included four components:

- Records review;
- Reconnaissance;
- Interviews; and,
- Preparation of this report, including our evaluation.

Assessment of other environmental issues beyond the consideration of ASTM E 1527-13 was not conducted at the request of Charities Housing.

2.3 LIMITATIONS, EXCEPTIONS, DEVIATIONS, AND DATA GAP

PSI considers that limitations, exceptions, and deviations from the Practice manifest as a lack of or inability to obtain information required by the Practice. This represents the definition of the 'data gap' contained in the Practice. PSI listed the component objectives of the Practice on the appended Data Gap Worksheet and tracked the information obtained against the objectives. Therefore, the limitations, exceptions, and deviations are identified in the Worksheet.

In general, when required information was incomplete, not provided, otherwise not obtained, or indicated a need for additional information, PSI attempted to use information from other sources to meet the Practices' performance objectives. When the data gaps affected the Environmental Professional's ability to identify RECs, PSI considered the data gap(s) to be significant. PSI identified significant data gaps (if any) on the Data Gap Worksheet and reported them in Section 1.1.5.

2.4 SIGNIFICANT ASSUMPTIONS

PSI made the following assumptions in developing our Phase I ESA findings and conclusions:

- Regulatory Agency Information - PSI considers all information provided by our environmental database subcontractor regarding regulatory status of facilities to be complete, accurate, and current.

- Other Regulatory Information - PSI considers all information obtained from regulatory or enforcement agencies to be complete, accurate, and current.

- Title, Lien and AUL Information - PSI considers all information provided by real estate title record review firms regarding property use or ownership, encumbrances or other limitations, if provided, to be complete, accurate, and current.

- Interviews - PSI considers all information provided through interviews to be complete, unbiased, and provided in good faith.

- Groundwater - PSI interpreted and inferred the direction of the shallow groundwater movement based on the information we obtained and our experience. Actual groundwater flow may be locally influenced by many factors beyond the scope of this assessment. Subsurface investigation would be necessary to determine site-specific groundwater flow direction.

3 USER-PROVIDED INFORMATION

PSI considers the Client to be the 'User' of our assessment, defined in ASTM Practice E 1527 as "the party seeking to use ASTM E 1527 to complete an environmental site assessment of the property. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The User has specific obligations for completing a successful application of this practice...."

3.1 USER QUESTIONNAIRE

The EPA All Appropriate Inquiry Rule (40 CFR Part 312) and ASTM E1527 Section 6 require the User to answer certain questions related to the property, in order to obtain certain LLPs from CERCLA liability.

Environmental Liens
The Client did NOT return the UQ and we were not contracted for a lien/AUL search: PSI was not provided with information about environmental cleanup liens. This limitation and our evaluation are recorded on the appended Data Gap Worksheet.

Activity and Use Limitations
The Client did NOT return the UQ and we were not contracted for a lien/AUL search: PSI was not provided with information about AULs. This limitation and our evaluation are recorded on the appended Data Gap Worksheet.

3.2 SUGGESTED INFORMATION

The Client provided PSI with the following suggested information described by the Practice.

- The reason for performing the Phase I ESA.
- The type of property and type of property transaction.
- The complete and correct address of the property.
- The scope of services desired for the Phase I ESA, including any evaluation for business environmental risk that is beyond the scope of ASTM E1527.
- Identification of all parties who will rely upon the report.
- Identification of the key site contact and contact information.

3.3 HELPFUL DOCUMENTS

The Practice requires that the environmental professional ask the property owner, the key site manager (if any is identified), and the User for certain helpful documents about the property and certain legal proceedings involving hazardous substances and the subject property. PSI mailed or e-mailed questions or performed interviews requesting this information. The responses documenting the persons we corresponded with, and relevant information obtained, are appended where practical.

PSI mailed, e-mailed questions, or performed interviews requesting this information. The Client did not provide PSI with prior reports of prior assessments of the site.

4 PHYSICAL SETTING

PSI reviewed a USGS topographic (topo) map, information from the USDA and/or Natural Resources Conservation Service (NRCS), and/or other information regarding the physical setting of the subject property to assist with the interpretation of subsurface water movement near the subject property. Physical setting information is summarized in the table below.

Summary of Physical Setting Information

Physical Setting Attributes	Description	Source(s)
Subject property elevation:	Approximately 76 feet AMSL.	ERIS Geocheck Report, USGS
Topographic gradient:	Based on the ERIS report, the subject property and surrounding area slopes gently to the northeast.	ERIS Geocheck Report, USGS, Observations
Closest surface water:	None observed.	ERIS Geocheck Report, Observations
Is a flood plain mapped on the subject property?	Yes, a 500-year flood plain.	ERIS Flood Plain Maps obtained from FEMA
Predominant soil type(s) mapped on the subject property:	The predominant soil on the subject property is Botella. Botella is described as a clay loam that is a categorized as a Class B soil that has well drained and moderate infiltration rates. Additionally, Botella has moderately coarse textures.	ERIS Geocheck Report
Estimated depth to first groundwater:	Occurs at approximately 16 to 18 feet below the ground surface.	Geotracker website report for the City of Santa Clara City Hall, 1500 Warburton Avenue, approximately 400 feet northeast of the subject property.
Anticipated regional groundwater flow direction:	Likely moves to the northeast.	Geotracker website report for the City of Santa Clara City Hall, 1500 Warburton Avenue, approximately 400 feet northeast of the subject property.

5 SITE RECONNAISSANCE

The location and approximate boundaries of the subject property are illustrated on the appended figures. The legal description of the subject property, if provided to PSI, is appended.

Mr. Hai Nguyen of Charities Housing arranged for PSI to access to the subject property. Our accessor was unescorted b during the site reconnaissance.

The site reconnaissance consisted of observing the periphery of the subject property and viewing the subject property from accessible adjoining public access areas. Visual reconnaissance of adjoining properties was limited to areas and facilities that were readily observable from the subject property or from public access areas. PSI also systematically toured the interior portions of the subject property parcels to provide an overlapping field of view.

The peripheries of surface features and/or structures, where present on the subject property, were observed along with accessible interior common areas. PSI photo-documented selected features. The photo log is included in the Appendix.

5.1 SUBJECT PROPERTY DESCRIPTION AND CURRENT USES

General Site Information	
Subject Property Address	1601 Civic Center Drive, Santa Clara, California 95050
Parcel Size (acres)	1.41 ±
Site Contact/Escort	Mr. Hai Nguyen of Charities Housing/Unescorted
Date of Reconnaissance	August 20, 2021
Building Information	
Building Description	One two-story structure with offices, conference rooms, restrooms, and break rooms
Size (square feet)	30,000
Number of Stories	Two
Approx. Construction Date	1974
Utilities	
Water	City of Santa Clara
Electricity	Silicon Valley Power
Natural Gas	Pacific Gas & Electric (PG&E)

The subject property is located on the east side of Lincoln Street, north of its intersection with Civic Center Drive. The site address is 1601 Civic Center Drive, Santa Clara, California 95050. The site can also be defined by Santa Clara County Assessor Parcel Number: 224-49-006.

Currently, the subject property is developed with one two-story building that totals approximately 30,000 square feet on a 1.41-acre property. The building is currently unoccupied and appeared to previously function as an office space. The building includes multiple offices, break rooms, restrooms, and conference rooms. The subject property also has parking and limited landscaping.

No evidence of recognized environmental conditions was observed as part of the site reconnaissance of the subject property.

5.2 SUBJECT PROPERTY OBSERVATIONS

A summary of the subject property uses, and conditions is tabulated below. Detailed information is discussed following the summary for any "yes" answers, along with an opinion about the significance of the listing.

Identified? (check if Yes)	Item Description
Equipment/Activities/Uses	
✓	Emergency Generators
	Elevators
	Hydraulic Lifts
	Dry Cleaners/Laundromats
	Photo Processing
	Medical/Dental Offices - Biomedical Wastes
	Automotive/Equipment Repair
	Grease Traps and Oil/Water Separators
	Wastewater Treatment Systems
	Septic or Sewage Tanks
	Air Compressors
	Transformers or Other Mech./Elec. Equipment That Could Contain PCBs
	Pipeline Markers
	Oil and Gas Wells
	Stormwater Ponds
	Quarries, Pits, Ponds, Lagoons, or Sumps
	Use, Storage, or Disposal of Hazardous Substances

	Use, Storage, or Disposal of Petroleum Products
	ASTs/USTs
	Drums or Other Bulk Chemical Containers
	Suspect Containers/Unidentified Contents
	Drains and Sumps
	Drinking Water, Irrigation or Monitoring Wells
	Agrochemical Use/Application
	Railroad Spur/Tracks
Potential Evidence of Releases	
	Interior/Pavement Stains or Corrosion
	Stained Soil/Stressed Vegetation
	Chemical Odors
	Surface Water Sheen or Discoloration
	Exterior Pipe Discharges/Unknown Pipes/Effluent Discharges
	Pools of Liquid or Standing Water
	Solid Waste Dumping/Landfilling/Suspect Fill Material
	Construction Debris/Material Stockpiles
	Other Uses or Conditions of Concern

Any of the conditions that are not listed above were not observed and are therefore not of environmental concern.

Emergency Generators

PSI observed an emergency generator located on the north side on the subject property. This emergency generator appeared to be diesel-fueled with an integral tank and associated piping under the generator equipment, but above the ground. Typically, tanks associated with emergency generators are equipped with integral secondary containment systems. PSI did not observe evidence of leaking or staining around the base of the generator at the time of the site reconnaissance. Based on this information, the presence of the emergency generator is not considered to be evidence of a REC in connection with the subject property.

No evidence of recognized environmental conditions was observed as part of the site reconnaissance of the subject property.

5.3 OFF-SITE OBSERVATIONS

Our interpretation of the uses of the adjoining properties is tabulated below and detailed in the subsequent sections.

Adjoining Current Use	
Direction	**Interpreted Property Use**
North	Santa Clara United Methodist Church
South	Civic Center Drive followed by Bank of the West and Best Western University Inn Santa Clara
West	Lincoln Street followed by City Hall
East	Multiple single-family residences

A summary of our interpretation of the current and past uses, and conditions of adjoining and surrounding property based on historical records and observations is provided below.

Identified? (check if Yes)	Item Description
Equipment/Activities/Uses	
	Emergency Generators
	Elevators
	Hydraulic Lifts
	Dry Cleaners/Laundromats
	Photo Processing
	Medical/Dental Offices - Biomedical Wastes
	Automotive/Equipment Repair
	Grease Traps and Oil/Water Separators
	Wastewater Treatment Systems
	Septic or Sewage Tanks
	Air Compressors
	Transformers or Other Mech/Elec. Equipment That Could Contain PCBs

	Pipeline Markers
	Oil and Gas Wells
	Stormwater Ponds
	Quarries, Pits, Ponds, Lagoons, or Sumps
	Use, Storage, or Disposal of Hazardous Substances
	Use, Storage, or Disposal of Petroleum Products
	ASTs/USTs
	Drums or Other Bulk Chemical Containers
	Suspect Containers/Unidentified Contents
	Drains or Sumps
	Drinking Water, Irrigation or Monitoring Wells
	Agrochemical Use/Application
	Railroad Spur/Tracks
Potential Evidence of Releases	
	Interior/Pavement Stains or Corrosion
	Stained Soil/Stressed Vegetation
	Chemical Odors
	Surface Water Sheen or Discoloration
	Exterior Pipe Discharges/Unknown Pipes/Effluent Discharges
	Pools of Liquid or Standing Water
	Solid Waste Dumping/Landfilling/Suspect Fill Material
	Construction Debris/Material Stockpiles
	Other Uses or Conditions of Concern

The information developed and reviewed for adjoining properties did not reveal evidence of recognized environmental conditions in connection with the subject property.

6 HISTORICAL USES

PSI utilized readily ascertainable historical data resources in order to research the history of the site and surrounding area. The intent of this review was to identify historical tenancies or uses of the subject property and surrounding area, which might be considered evidence of a recognized environmental condition. Generally, PSI reviewed the following readily ascertainable historic data resources, where they were available:

- Readily available historical topographic maps were reviewed to evaluate land development in the area over time. It should be noted that the scale of topographic maps in some cases does not allow for mapping of individual structures and developed areas may be shown by shading only.
- Selected historical aerial photographs were reviewed at 5 to 10-year intervals to obtain information concerning the development and history of the subject property and surroundings.
- PSI reviewed readily ascertainable historical city directories at 5 to 10- year intervals in order to obtain information on tenancies on the subject property and adjoining properties.
- PSI requested available historical fire insurance maps from ERIS, Inc. The Sanborn Map Company and other regional providers historically mapped urban areas for use by insurance underwriters. In some cases, these maps provide useful information in evaluating previous tenancies and uses of the subject property and surrounding area.

Copies of select historical documents are provided in the report appendix; however, it should be noted that some of the resources used by PSI may be copyrighted and PSI has summarized these resources herein, but we have not included copies of these resources in the appendix.

6.1 SUMMARY OF RESOURCES

PSI reviewed the following resources in order to evaluate the historic uses of the subject property and surrounding area:

Source Type	Years Reviewed	Source
USGS Topo Maps	2015	USGS
Aerial Photographs	1939, 1948, 1956, 1960, 1968, 1970, 1974, 1980, 1982, 1987, 1993, 2003, 2004, 2005, 2006, 2009, 2010, 2012, 2014, 2016, 2018, 2020	ERIS
City Directories	1957, 1961, 1966, 1971, 1976, 1981, 1987, 1990, 1991, 1995, 1996, 2001, 2002, 2006, 2009, 2012, 2016, 2020	ERIS
Sanborn Fire Insurance Maps	None Available	ERIS

6.2 CURRENT AND PRIOR USE INTERVIEWS

PSI conducted interviews with persons who are knowledgeable of the current use and history of the site. The following individuals were interviewed:

Name	Title/Role	Date Interviewed	Comments
Ms. Kathy Robinson	Client, Charities Housing	August 18, 2021	Ms. Robinson provided site contact for the project and escorted PSI for the site reconnaissance.
Mr. Hai Nguyen	Client, Charities Housing	Various	Mr. Nguyen provided site information and provided access for PSI.
RWQCB	Geotracker Website	September 2, 2021	PSI reviewed the RWQCB Geotracker website for information on the subject property and vicinity.
DTSC	Envirostor Website	September 2, 2021	PSI reviewed the DTSC Envirostor website for information on the subject property and vicinity.
Ms. Melissa Belloso	Sr. Office Specialist, County of Santa Clara Department of Environmental Health	August 24, 2021	FOIA Request.
Ms. Tamra Francis	Staff Aide, Santa Clara Fire Department	August 24, 2021	FOIA Request.

6.3 PRIOR INVESTIGATIONS

The Client has not provided PSI with reports or documents pertaining to the subject property.

6.4 SUMMARY HISTORY OF SITE AND SURROUNDING AREA

A chronological summary of the history/use of the subject property and immediately adjacent properties is provided in the following table.

Past Uses – Subject Property	
Year(s)	**Interpreted Property Use**
1939, 1948, 1956, 1960	Aerial Photographs: The subject property appears to be undeveloped land and partially agricultural land with internal roads.
1968, 1970	Aerial Photographs: The subject property appears to be undeveloped land.
1974, 1976, 1980, 1981, 1982, 1987, 1990, 1991, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006, 2009, 2010, 2012, 2014, 2016, 2018, 2020	Aerial Photographs, Interviews, & City Directories: The subject property appears to be in its current configuration with the development of the current building. Assessor information indicates that the building was constructed in 1974. City Directories indicate the following: Centry Past (1976); David M Semas Entp (1976); Purolator Security (1976); S E M Developers (1976); Semas D M Entprs (1976); Meyer Care Hme Hlth (1976-1987); Pac Coast Producers (1976-1991); Aqua Dome (1981); Barnes W A Cfp (1981); Benetech Inc (1981); Bolino Peter&Asc (1981); Ca Prfsnl Computing (1981); Carborundum Co Inc (1981); Citiline Agency (1981); Cranbrook Intl Inc (1981); Energy Cnsrvtn Brkr (1981); G E C C Financial (1981); Genl Elec Crdt Mrtg (1981); Hoffman Jon A (1981); Micro Focus (1981); Microglobe Corp (1981); Natl Micronetcs Inc (1981); Old Mission Exectv (1981); Order Desk (1981); Owen Victor H (1981); Pac Coast Producers Prime (1981); S E M Developrs Inc (1981); Sequoia Insurance (1981); Torin Corp (1981); Wallpapers To Go (1981); Weber Associates (1981); I D A (1981-1987); Intl Data Applictns (1981-1987); Marketex (1981-1991); Owen Victor H 3d (1981-1991); Building (1981-1996); A S A P Courier Srv (1987); Centcircuit Intl (1987); Comnctn Center The (1987); Compatible Cmponent (1987); E X I M A (1987); Mission Commnctn (1987); Pac Cst Producers (1987); Prime Share (1987); Spectra Systems (1987); No Listing (1987-1991); Owen Victor H Jr (1987-1991); Proservice Computer (1987-1991); Amdahl Corp (1990-1991); Blossom Ml Estates (1990-1991); Courtesy Exhange (1990-1991); Meyer Care Hlth Svs (1990-1991); Omega Prtctn Systws (1990-1991); Owen Group (1990-1991); Owen Management (1990-1991); Pac Envrnmntl Group (1990-1991); Telex Connection (1990-1991); A S C Technologies (1995-1996); Adult Indpndnce Ctr (1995-1996); Blossom Hl Estates (1995-1996); Escobar A I Atty (1995-1996); Honen Victor H 3d (1995-1996); Marxetex (1995-1996); Mission Cty Fed Cr (1995-1996); Oven Properties (1995-1996); Seveira N R Atty (1995-1996); Techserv (1995-1996); Woodside Mobile Hms (1995-1996); Acrossworld Communicanons Inc (2001-2002); Blossw Hl Estates (2001-2002); Leon N G Construction (2001-2002); Owen Vickr (2001-2002); Webmaster Incorporated (2001-2006); Owen Properties (2001-2016); Marketex Computer Corp (2001-2020); Marxetex Computer Corp (2006); Up Front Communications (2006); Bldg (2009); Webmaster Inc (2009-2020); Escobar, Anthony I (2012-2016); Power (2012-2016); Chronicle Data (2016); Vastedge (2016); Retail Cashback (2016-2020); Santa Clara Cable (2016-2020); Becky Wallin (2020); Mission Center (2020); Online California Title Loans (2020); Roots Bay Area (2020)

The historical information developed and reviewed for the subject property did not reveal evidence of recognized environmental conditions in connection with the subject property.

It should be noted that part of the subject property appears to have been agriculturally developed at some point. While no structures indicative of pesticide/herbicide/chemical storage/mixing areas were distinguished in the aerial photographs, typically, crops are maintained with chemicals applied as a normal agricultural process. While no surficial evidence of misuse, misapplication of residual materials from pesticides, herbicides, or fertilizers were observed during the site reconnaissance, in certain instances, the chemicals historically applied to the subject site could be persistent and not biodegrade. As with any agriculturally developed land, there exists the possibility that pesticides, herbicides, or fertilizers have been applied, which may have impacted the subject property. Since there is no evidence of mixing and storage of pesticides, herbicides, or fertilizers at adjoining properties, PSI does not consider former agricultural use to represent a REC.

Our interpretation of the past uses of the adjoining properties is tabulated below.

Past Site Uses, North	
Year(s)	**Interpreted Property Use**
1939, 1948, 1956, 1960	Aerial Photographs: The adjacent property to the north appears to be agriculturally or fallow land.
1968, 1970, 1974, 1980, 1982, 1987, 1993, 2003, 2004, 2005, 2006, 2009, 2010, 2012, 2014, 2016, 2018, 2020	Aerial Photographs: The adjacent property to the north appears to be developed in its current configuration with the development of the current building structure.

Past Site Uses, East	
Year(s)	**Interpreted Property Use**
1939, 1948, 1956, 1960	Aerial Photographs: The adjacent properties to the east appears to be undeveloped land.
,1968, 1970, 1974, 1980, 1982, 1987, 1993, 2003, 2004, 2005, 2006, 2009, 2010, 2012, 2014, 2016, 2018, 2020	Aerial Photographs: The adjacent properties to the east appears to be developed in current configuration with the development of the two Santa Clara City Hall structures.

Past Site Uses, South	
Year(s)	**Interpreted Property Use**
1939, 1948, 1956, 1960	Aerial Photographs: The adjacent property to the south appears to be undeveloped land.
1966, 1968, 1970, 1971	Aerial Photographs & City Directories: The adjacent property to the south appears to be undeveloped land and the current Best Western Inn of Santa Clara building. City Directories indicate the following: <u>1655 El Camino Real</u> Santa Clara Motelodge (1966); Motelodge Sclara (1971); Santa Clara Moteldg (1971);
1974, 1976, 1980, 1981, 1982, 1987, 1991, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006, 2009, 2010, 2012, 2014, 2016, 2018, 2020	Aerial Photographs & City Directories: The adjacent property to the south appears to be developed in its current configuration as Civic Center Drive followed by the two commercial structures. City Directories indicate the following: <u>1655 El Camino Real</u> Motelodge Snta Clra (1976); Sclar Motelodge (1976-1996); Sclar Motelooge (1990-1991); Asstik Corp (1995-2009); Patel Rameshasanji (2001-2002); Ramada Limited (2001-2012); Patel Rameshvasanji (2006); Ramada (2009); Ramada Inn (2009); Ramada Limited-Santa Clara (2016-2020) <u>1705 El Camino Real</u> First Ntl S Clara (1976); Bank Of Wst Sc Chkg (1981); Bank Of Wst Sc Info (1981); Bank Of Wst Sc Ln (1981); Bank Wst Info (1987-1991); Bank Wst Svgs & Chckg (1987-1991); Bank Wst Branch (1995-1996); Bank Wst Branch Location (2001-2002); Bank Of The West (2006-2020); Nova Information Systems (2009); Elavon (2012-2016); Security System Installation (2012-2016); A American Debt Consolidation (2012-2020); Dish Network (2016-2020)

Past Site Uses, West	
Year(s)	**Interpreted Property Use**
1939, 1948, 1956, 1960	Aerial Photographs: The adjacent property to the west appears to be agricultural land and a single-family residence.
1948, 1950, 1956, 1963	Aerial Photographs: The adjacent property to the west appears to be undeveloped land followed by agricultural land and a single-family residence.
1968, 1970, 1974, 1980, 1982, 1987,	Aerial Photographs: The adjacent property to the west appears to be a single-family residence.

1993, 2003, 2004, 2005, 2006, 2009, 2010, 2012, 2014, 2016, 2018, 2020	Aerial Photographs: The adjacent property to the west appears to be developed in its current configuration as multiple single family residence.

The historical information developed and reviewed for adjoining properties did not reveal evidence of recognized environmental conditions in connection with the subject property. However, it should be noted that some of the adjoining properties appear to have been agriculturally developed at some point. While no structures indicative of pesticide/herbicide/chemical storage/mixing areas were distinguished in the aerial photographs, typically, crops are maintained with chemicals applied as a normal agricultural process. While no surficial evidence of misuse, misapplication of residual materials from pesticides, herbicides, or fertilizers were observed during the site reconnaissance, in certain instances, the chemicals historically applied to the subject site could be persistent and not biodegrade. As with any agriculturally developed land, there exists the possibility that pesticides, herbicides, or fertilizers have been applied, which may have impacted the subject property. Since there is no evidence of mixing and storage of pesticides, herbicides, or fertilizers at adjoining properties, PSI does not consider former agricultural use to represent a REC in connection to the subject property.

7 ENVIRONMENTAL REGULATORY RECORDS REVIEW

7.1 REGULATORY AGENCY INQUIRIES

PSI requested records or information about the subject property and/or surrounding area from the governmental agencies listed in the following sections. Information was requested by telephone, in person, via e-mail or through a written Freedom of Information Act (FOIA) or equivalent request, as appropriate. Please see Section 6.2 for additional information.

7.2 DATABASE FINDINGS

PSI retained ERIS to provide environmental database information attributed to the subject property and its surroundings. ERIS obtains environmental databases published by local, state, tribal, and federal agencies and maps the information for electronic searches. ERIS's service includes reporting Standard Environmental Records Sources and, in most cases, some Additional Environmental Records Sources.

The search was performed to AMSDs listed in ASTM E 1527-13. The search radius required by ASTM varies by database.

Unmappable (orphan) sites (if any were listed) having insufficient address information to be mapped were evaluated for potential location within the AMSD. Those that could be determined to be within the AMSD are discussed, as appropriate.

The distribution of listed sites with respect to the subject property is tabulated and mapped in ERIS's Radius Map Report, which is appended. The reader is referred to the table, which can be found near the front of ERIS's report. The full names of the acronyms used below and in ERIS's report can be found in the Government Records Searched/Data Currency Tracking section of ERIS's report.

7.2.1 SUBJECT PROPERTY

The subject property was listed on the searched governmental databases as a spill site or regulated facility and is summarized below.

Facility Name & Address	Owen Properties, Old Mission Center, K&K Outdoor Advertising, 1601 Civic Center Drive, Santa Clara, California	**Map ID Number(s)**	1 Subject Property
Database(s) Listed: FINDS/FRS, Emissions			
The subject property was identified on the FINDS/FRS and Emissions databases. The database listings are associated with the site being regulated as a small source of air point pollution with the Bay Area Air Quality Management District for the emergency back-up generator. These listings do not have any violations associated with them nor do they identify a release to the subject property. Based on this information, PSI does not consider these listings to be a REC in connection with the subject property.			

7.2.2 ADJACENT AND SURROUNDING PROPERTIES

ERIS's report identified sites surrounding the subject property. PSI considered all of the listed sites unlikely to impact the subject site, based upon factors including (but not limited to):

- The nature of the listing;
- The use of the facility;
- When the facility was listed and its current listed status;
- The developmental density of the setting;
- The potential for vapors to encroach from the property to the subject property;
- The distance between the listing and subject sites related to whether releases are likely to migrate based on local surface and subsurface drainage conditions;
- The contaminant of concern; and/or
- The presence of intervening drainage divides; and/or inferred groundwater movement.

The following facilities were either adjacent to the subject property or deserved additional comment.

Facility Name & Address	Santa Clara Police Department 1541 Civic Center Drive Santa Clara, California	**Map ID Number(s)**	4 Adjacent to the east, across Lincoln Street
Database(s) Listed: LOP Santa Clara, LUST, HHSS, Hist Tank, UST Sweeps			
This facility was identified on the LOP Santa Clara, LUST, HHSS, Hist Tank, and UST Sweeps databases. These listings are associated with the removal of a number of USTs from the site between 1985 and 2001. Only minor amounts of impact were identified in the soil, and the site received closure on April 23, 2004. Based on the closure and lack of evidence of groundwater impact, PSI does not consider the listing to represent a recognized environmental condition.			

8 VAPOR ENCROACHMENT SCREENING

8.1 METHODOLOGY

Vapor encroachment is an emerging concern associated with the potential for volatile chemicals, such as petroleum fuels and chlorinated solvents to migrate through the subsurface in the gas phase from contaminated soil and/or groundwater plumes. Vapor encroachment may be a concern if subsurface volatile contaminants migrate into occupied buildings through cracks and penetrations in the building slab.

The ASTM E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment process requires the Environmental Professional to evaluate the potential for vapor encroachment onto the subject property, and to determine if such vapor encroachment constitutes evidence of a recognized environmental condition on the subject property. The E1527-13 Standard Practice does not specifically state the methods that must be used to screen for potential vapor encroachment issues. However, ASTM has developed a separate Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions (ASTM E2600-15). The VES guidance outlines a methodology to conduct vapor encroachment screening, which will satisfy the vapor screening requirements under the Phase I ESA Standard Practice. PSI utilized the ASTM E2600-15 Standard Guide to conduct vapor encroachment screening for the subject property.

The goal of conducting VES is to identify a VEC, which is defined as the presence or likely presence of COC vapors in the subsurface of the subject property caused by the release of vapors from contaminated soil either on or near the subject property. If a VEC is identified, the environmental professional must determine whether the VEC represents evidence of a REC on the subject property under the context of the Phase I ESA Standard Practice. It should be noted that the identification of a VEC on the subject property does not necessarily indicate that a potential for migration of vapors into existing or proposed structures on the subject property is likely. The environmental professional will identify the VEC as a recognized environmental condition where the potential for vapor migration into structures is considered likely, or where the contaminant concentrations in the soil, groundwater, or soil vapors on the subject property are significant and likely to result in enforcement against on-site or off-site responsible parties.

The VES utilizes information regarding the potential presence of releases on or near the subject property that were collected as a normal part of the Phase I ESA process, such as governmental database records, review of governmental files, historical data sources, etc. No additional data was collected specifically for the purpose of the VES. In order to identify potential sites of concern within the approximate minimum search distance, PSI reviewed Sanborn Maps, governmental database records, regulatory agency files, aerial photographs, and other information as available and appropriate.

VES Standard Guide prescribes a two-tier approach for screening of sites for potential vapor encroachment. In Tier I, potential sites of concern within the search radii are identified and the environmental professional must determine whether a VEC exists or not based on the information that is available within the context of the Phase I ESA data gathering. If the available information indicates that a VEC exists based on available information, the environmental professional, in consultation with the User, may conduct Tier II screening to further evaluate the potential risk. Under Tier II, the environmental professional would review available reports through the regulatory agency or other reasonably ascertainable sources to determine the status of assessment/remediation, size and migration pathways for any associated plumes, geologic conditions, and other geologic information. This information would be utilized to determine the distance between the plume and the target property boundary. For example, if the

distance from the edge of a plume in a downgradient position to the subject property boundary exceeds 100 feet for VOCs or petroleum free product, or 30 feet for dissolved petroleum hydrocarbons (PHCs), then the site may be screened out and a VEC does not exist. Functionally, where Tier II information is readily available during the normal course of conducting the Phase I ESA, PSI has combined the Tier I and Tier II steps herein. Where agency files are not readily available for nearby contaminated sites within the typical schedule for a Phase I ESA, then Tier II screening might be recommended as a separate step subsequent to the Phase I ESA. Where Tier II screening is recommended, the sites of concern where data is lacking are considered a VEC until further information is available and/or further screening is completed.

The VES Standard Guide requires the environmental professional to search for potential sites of concern within the following databases and search distances, where groundwater flow is not known and/or preferential pathways for groundwater or vapor flow may exist:

Standard Environmental Records Sources	Minimum Search Distance (miles) - VOCs, excluding PHCs	Minimum Search Distance (miles) - PHCs
State and tribal HWS lists	1/3	1/10
State or tribal-equivalent NPL	1/3	1/10
State or tribal-equivalent CERCLIS list	1/3	1/10
State or tribal landfill or solid waste site list	1/3	1/10
State or tribal leaking storage tank lists	1/3	1/10
State and tribal registered tank lists	Subject property only	Subject property only
State and tribal IC/EC registries	Subject property only	Subject property only
State and tribal voluntary cleanup site lists	1/3	1/10
State and tribal brownfield sites list	1/3	1/10
Federal NPL site list	1/3	1/10
Federal CERCLIS list	1/3	1/10
Federal RCRA CORRACTS list	1/3	1/10
Federal RCRA non-CORRACTS TSD List	1/3	1/10
Federal RCRA Generators List	Subject property only	Subject property only
Federal IC/EC registries	Subject property only	Subject property only
Federal ERNS list	Subject property only	Subject property only

The default search distances may be expanded or reduced in the upgradient, downgradient, or cross-gradient directions by the environmental professional based on experience in the local area and applying professional judgment to factors such as where a well-defined regional groundwater flow direction is identified, or whether other geologic features such as low permeability soils or hydrogeologic boundaries

such as rivers or streams exist which would tend to limit the potential for migration of groundwater or vapors in a particular direction.

8.2 VES RESULTS

PSI did not identify a site of concern within the VES search radii; and concludes that a VEC does not exists on the subject property.

8.3 VES LIMITATIONS

The VES process is not intended to be an exhaustive screening and cannot wholly eliminate uncertainty regarding the presence of VECs in connection with the subject property. Screening is intended to reduce, but not eliminate uncertainty regarding whether or not a VEC exists in connection with the subject property.

9 CONTRACT INFORMATION

9.1 STANDARD OF CARE AND WARRANTIES

Our services were not intended to be technically exhaustive. There is a possibility that with the proper application of methodologies, conditions may exist on the property that could not be identified within the scope of the assessment(s) or that were not reasonably identifiable from the available information.

No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with the property. The ESA was intended to reduce, but not eliminate uncertainty regarding the potential for RECs in connection with a property.

Our report is based on commonly known and reasonably ascertainable information, including limited, ground-level visual inspection of the property except where otherwise explicitly indicated, in general conformance with ASTM E 1527-13. Findings and conclusions derived from the methodologies described in the Practice contain all of the inherent limitations in the methodologies that are referred to in the Practice.

PSI has assumed that factual information provided to us by the Client, or obtained from governmental and historical research firm, the public domain, interviews, and other sources is accurate and unbiased. PSI assumes no liability for the accuracy of data provided to us by others.

PSI did not perform any exploratory probing or discovery, perform tests, operate any specific equipment, or take measurements or samples to perform the ESA scope. The ESA was not a building code, safety, regulatory or environmental compliance inspection. The ESA is not intended to reduce the risk of the presence of mold and physical deficiencies conducive to mold nor the risk that mold or physical deficiencies conducive to mold may pose to the buildings and building occupants.

The methodologies include reviewing information provided by other sources. PSI treats information obtained from the record reviews and interviews concerning the property as reliable and the ASTM protocol does not require PSI to independently verify the information. Therefore, PSI cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete.

PSI has performed the services in a manner consistent with that level of care and skill ordinarily exercised by other members of our profession currently practicing in the same locality and under similar conditions, within the limitations of ASTM E 1527-13 standard, and the All Appropriate Inquiries Rule established by the U.S. Environmental Protection Agency (40 C.F.R. Part 312). No other warranties are implied or expressed.

The observations and recommendations presented in this report are time dependent, and conditions will change. This report speaks only as of its date.

9.2 RELIANCE

Charities Housing, the County of Santa Clara, the City of San Jose, LISC, Housing Trust SV, and Destination: Home may rely on this report.

9.3 USE BY OTHER PARTIES

This report was prepared pursuant to a contract between PSI and its client. That contractual relationship included an exchange of information about the property that was unique and serves as the basis upon which this report was prepared. Because of the importance of these understandings, our assessment may not be sufficient for the intended purposes of another party.

Reliance or any use of this report by anyone other than those parties identified above for which it was prepared, except with express written permission, is prohibited and therefore not foreseeable to PSI. Any unauthorized reliance on or use of this report, including any of the information or conclusions contained herein, will be at the third party's risk. No warranties or representations expressed or implied in this report are made to any such third party.

Third party reliance letters may be issued:

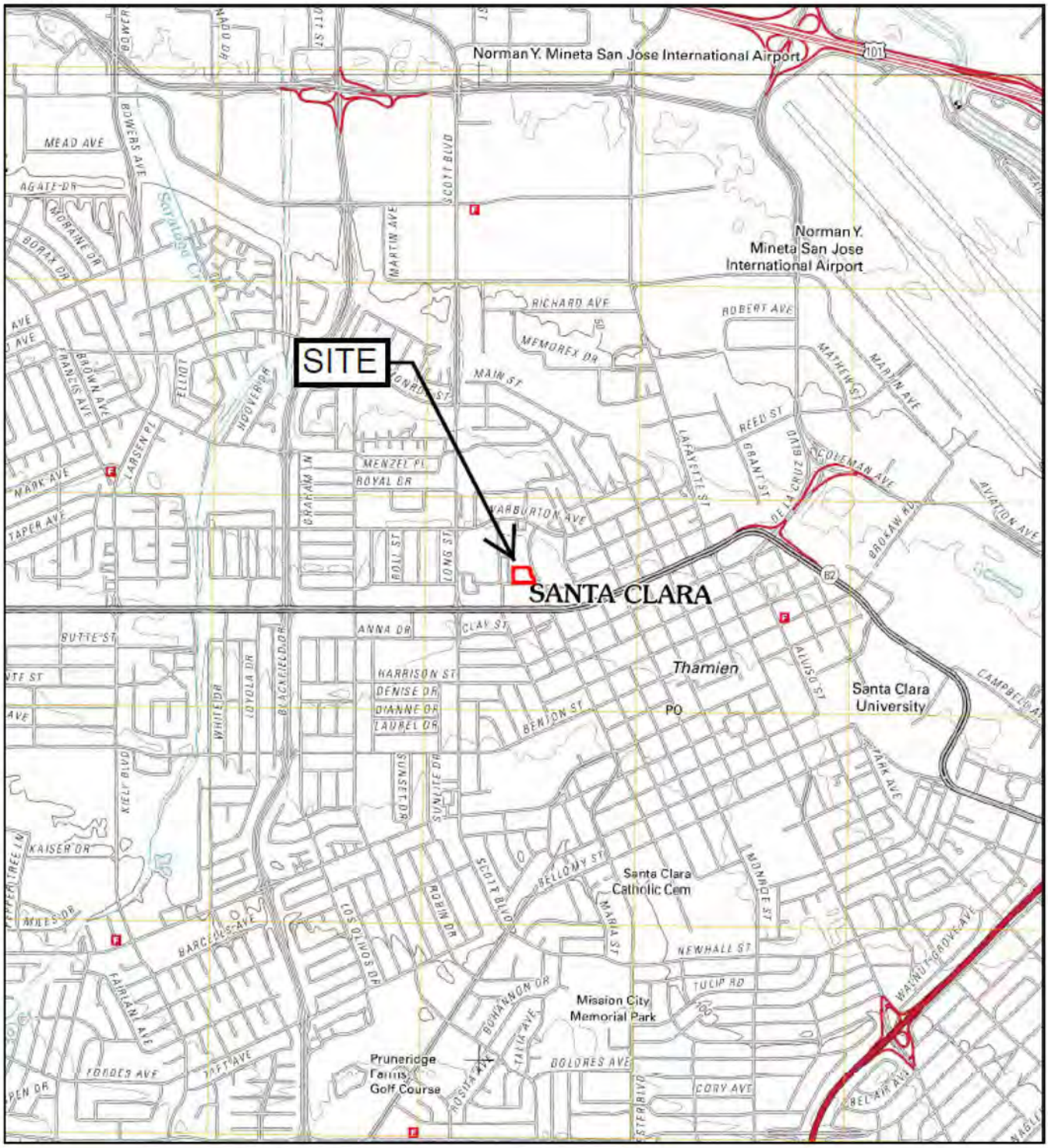
- upon timely request;
- subject to the permission by our original client; and
- payment of the then-current fee for such letters.

All third parties relying on our report, by such reliance, agree that such reliance is limited by our proposal and/or General Conditions, as applicable.

FIGURES

NORTH

Not to Scale

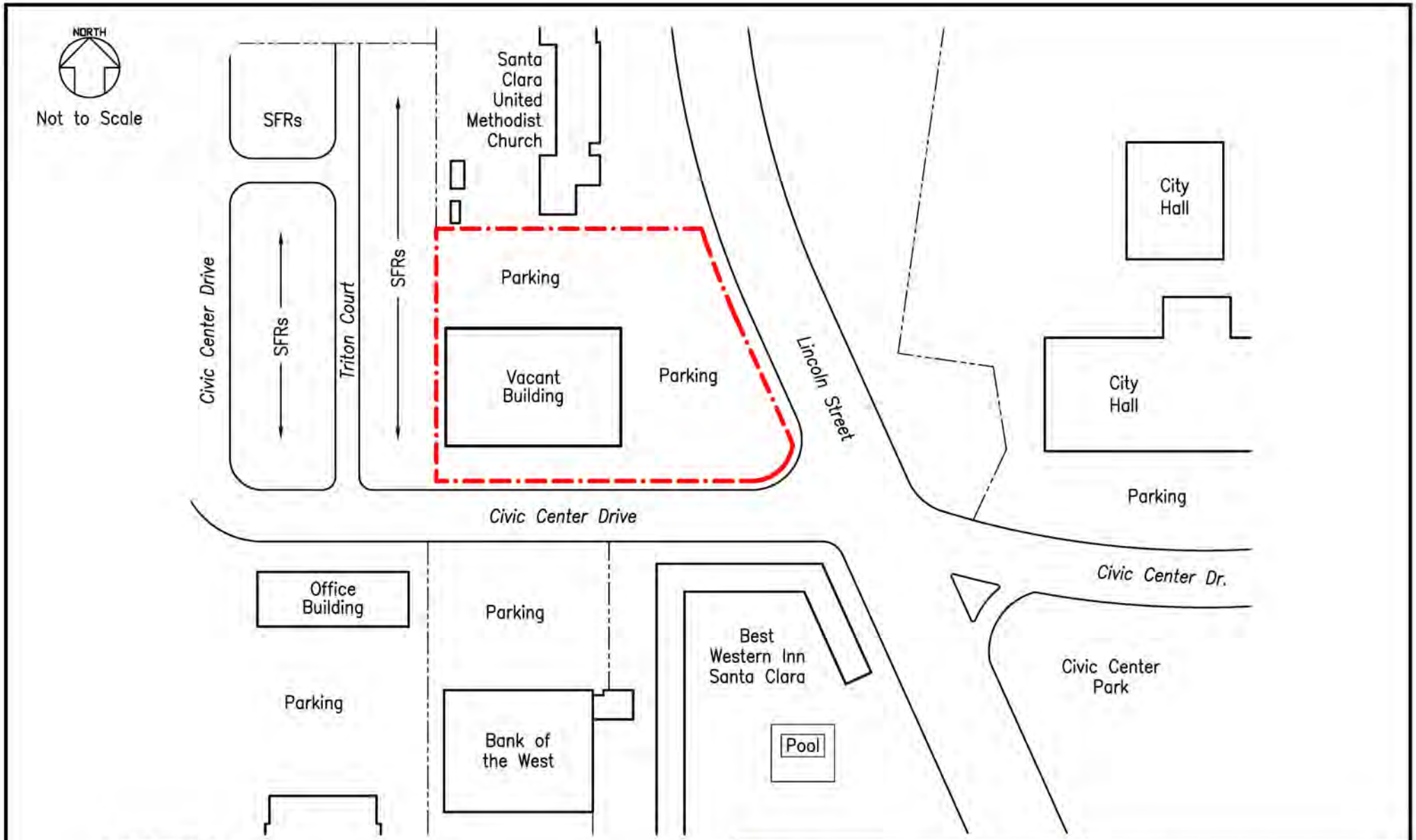


REFERENCE:
U.S.G.S. SAN JOSE WEST, 2012

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4703 Tidewater Avenue, Suite B
Oakland, California 94601
(510) 434-9200

Project Name:	Drawn By:	Date:	File No.:	Figure No.:
Vacant Building 1601 Civic Center Drive, Santa Clara, California 95050	M.G.	9/21	1902-001	1
Title: SITE VICINITY MAP	**Approved By:** K.I.	**Project No.:** 575-1902		



LEGEND

SUBJECT PROPERTY BOUDNDARY

SFR SINGLE–FAMILY RESIDENCE

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Project Name:	Drawn By:	Date:	File No.:	Figure No.:
Vacant Building 1601 Civic Center Drive, Santa Clara, California 95050	M.G.	9/21	1902-001	2
Title: SITE PLAN	**Approved By:** K.I.	**Project No.:** 575-1902		

PHOTOGRAPHS

PHOTOGRAPHIC LOG

1601 Civic Center Drive, Santa Clara, California



Photo 1: View looking northwest at the subject property.



Photo 2: View looking northwest at the subject property.



Photo 3: View looking west at the subject property.



Photo 4: View looking at the EBUG at the subject property.



Photo 5: View looking at the interior of the subject property.



Photo 6: View looking at the interior of the subject property.



Photo 7: View looking the interior of the subject property.



Photo 8: View looking the interior of the subject property.



Photo 9: View looking northwest at the adjacent property to the north.



Photo 10: View looking southwest at the adjacent property to the south.



Photo 11: View looking west at the adjacent property to the west.



Photo 12: View looking east at the adjacent property to the east.

ENVIRONMENTAL DATABASE REPORT

DATABASE REPORT

Project Property:	*Office Building* *1601 Civic Center Drive* *Santa Clara CA 95050*
Project No:	*575-1902*
Report Type:	*Database Report*
Order No:	*21082700544*
Requested by:	*Intertek PSI*
Date Completed:	*August 30, 2021*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

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Executive Summary

Property Information:

Project Property:		*Office Building* *1601 Civic Center Drive Santa Clara CA 95050*
Project No:		*575-1902*
Coordinates:		
	Latitude:	*37.3538444*
	Longitude:	*-121.95601019*
	UTM Northing:	*4,134,637.77*
	UTM Easting:	*592,459.26*
	UTM Zone:	*UTM Zone 10S*
Elevation:		*76 FT*

Order Information:

Order No:	*21082700544*
Date Requested:	*August 27, 2021*
Requested by:	*Intertek PSI*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (Boundaries)*
City Directory Search	*CD - 2 Street Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*
Vapor Screening Tool	*Vapor Screening Tool*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	**1**	**1**
RCRA TSD	Y	0.5	0	0	**1**	**5**	-	**6**
RCRA LQG	Y	0.125	0	0	-	-	-	0
RCRA SQG	Y	0.125	0	0	-	-	-	0
RCRA VSQG	Y	0.125	0	0	-	-	-	0
RCRA NON GEN	Y	0.125	0	**10**	-	-	-	**10**
FED ENG	Y	PO	0	-	-	-	-	0
FED INST	Y	PO	0	-	-	-	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	**1**	**1**	0	**20**	**22**
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
SWRCB SWF	Y	0.5	0	0	0	0	-	0
HWP	Y	1	0	0	0	0	**1**	**1**
SWAT	Y	0.5	0	0	0	0	-	0
C&D DEBRIS RECY	Y	0.5	0	0	**1**	0	-	**1**
RECYCLING	Y	0.5	0	0	0	**1**	-	**1**
PROCESSORS	Y	0.5	0	0	0	0	-	0
CONTAINER RECY	Y	0.5	0	0	0	0	-	0
LDS	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	**4**	**13**	**9**	-	**26**
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.125	0	0	-	-	-	0
UST CLOSURE	Y	0.125	0	0	-	-	-	0
HHSS	Y	0.25	0	**1**	**5**	-	-	**6**
UST SWEEPS	Y	0.25	0	**2**	**11**	-	-	**13**
AST	Y	0.25	0	0	0	-	-	0
AST SWRCB	Y	0.25	0	0	0	-	-	0
TANK OIL GAS	Y	0.25	0	0	0	-	-	0
DELISTED TNK	Y	0.25	0	0	**1**	-	-	**1**
CERS TANK	Y	0.25	0	0	**2**	-	-	**2**
DELISTED CTNK	Y	0.25	0	**1**	0	-	-	**1**
HIST TANK	Y	0.25	0	**1**	**8**	-	-	**9**
LUR	Y	PO	0	-	-	-	-	0
CALSITES	Y	0.5	0	0	0	0	-	0
HLUR	Y	PO	0	-	-	-	-	0
DEED	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
VCP	Y	0.5	0	0	**1**	0	-	**1**
CLEANUP SITES	Y	0.5	0	**2**	**3**	**2**	-	**7**
DELISTED COUNTY	Y	0.25	0	0	0	-	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.125	0	0	-	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0
County								
HSOL SANTACLARA	Y	0.5	0	0	0	0	-	0
LOP SANTACLARA	Y	0.5	0	**3**	**10**	**10**	-	**23**
UST SANTACLARA	Y	0.25	0	0	0	-	-	0
CUPA SANTACLARA	Y	0.25	0	**4**	**8**	-	-	**12**
HAZ SANJOSE	Y	0.25	0	0	0	-	-	0
CUPA GILROY	Y	0.25	0	0	0	-	-	0
CUPA SUNNYVALE	Y	0.25	0	0	0	-	-	0
Additional Environmental Records								
Federal								
PFAS NPL	Y	0.5	0	0	0	0	-	0
FINDS/FRS	Y	PO	**2**	**1**	-	-	-	**3**
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	**1**	**1**
URANIUM	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	**5**	0	-	-	**5**
SSTS	Y	0.25	0	0	0	-	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DRYC GRANT	Y	0.25	0	0	0	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	0	0	-	0
HWSS CLEANUP	Y	0.5	0	0	0	0	-	0
DTSC HWF	Y	0.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	0	0	**1**	**1**
SCH	Y	1	0	0	0	0	0	0
CHMIRS	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	0	**1**	-	-	-	**1**
HIST MANIFEST	Y	PO	0	-	-	-	-	0
HW TRANSPORT	Y	0.125	0	0	-	-	-	0
WASTE TIRE	Y	PO	0	-	-	-	-	0
MEDICAL WASTE	Y	0.25	0	0	0	-	-	0
HIST CORTESE	Y	0.5	0	0	0	0	-	0
CDO/CAO	Y	0.5	0	0	0	0	-	0
CERS HAZ	Y	0.125	0	**6**	-	-	-	**6**
DELISTED HAZ	Y	0.5	0	**2**	**3**	**1**	-	**6**
GEOTRACKER	Y	0.125	0	0	-	-	-	0
MINE	Y	1	0	0	0	0	0	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
LIEN	Y	PO	0	-	-	-	-	0
WASTE DISCHG	Y	0.25	0	0	0	-	-	0
EMISSIONS	Y	0.25	**2**	0	**14**	-	-	**16**
CDL	Y	0.125	0	0	-	-	-	0

Tribal ***No Tribal additional environmental record sources available for this State.***

County ***No County additional environmental databases were selected to be included in the search.***

Total:	***4***	***44***	***82***	***28***	***24***	***182***

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	FINDS/FRS	OWEN PROPERTIES	1601 CIVIC CENTER DRIVE SANTA CLARA CA 95050 ***Registry ID:*** *110054209717*	SSW	0.00 / 0.00	1	48
1	FINDS/FRS	OLD MISSION CENTER	1601 CIVIC CENTER DR #202 SANTA CLARA CA 95050 ***Registry ID:*** *110055769173*	SSW	0.00 / 0.00	1	48
1	EMISSIONS	OWEN PROPERTIES	1601 CIVIC CENTER DRIVE SANTA CLARA CA 95050	SSW	0.00 / 0.00	1	49
1	EMISSIONS	K&K OUTDOOR ADVERTISING LLC	1601 CIVIC CENTER DRIVE SANTA CLARA CA 95050	SSW	0.00 / 0.00	1	53

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	HAZNET	CITY OF SANTA CLARA - COURTHOUSE	1675 LINCOLN AVE SANTA CLARA CA 950500000	NE	0.02 / 85.99	-4	54
2	FINDS/FRS	CITY OF SANTA CLARA	1675 LINCOLN ST SANTA CLARA CA 95050 ***Registry ID:*** 110066194219	NE	0.02 / 85.99	-4	55
2	DELISTED HAZ	City of Santa Clara	1675 LINCOLN ST. SANTA CLARA CA 95050	NE	0.02 / 85.99	-4	56
2	DELISTED CTNK	City of Santa Clara	1675 LINCOLN ST. SANTA CLARA CA 95050	NE	0.02 / 85.99	-4	56
3	ENVIROSTOR	APPLIED MATERIALS, INC., CORONADO	3111 CORONADO DRIVE #15, MS1501 SANTA CLARA CA 95054 ***Estor/EPA ID	Cleanup Status:*** 71003346 | INACTIVE - NEEDS EVALUATION AS OF	ENE	0.02 / 113.41	-3	56
4	LOP SANTACLARA	Santa Clara Police Station	1541 Civic Center Dr Santa Clara CA ***SCVWD ID	Closure Date:*** 07S1W03G05f | 4/23/2004	ESE	0.03 / 140.55	-3	57
4	LUST	SANTA CLARA POLICE STATION	1541 CIVIC CENTER DR SANTA CLARA CA 95050 ***Global ID	Status	Status Date:*** T0608501198 | COMPLETED - CASE CLOSED | 4/23/2004	ESE	0.03 / 140.55	-3	57
4	HHSS	POLICE DEPT	1541 CIVIC CENTER DRIVE SANTA CLARA CA 95050	ESE	0.03 / 140.55	-3	60
4	HIST TANK	POLICE DEPT	1541 CIVIC CENTER DRIVE SANTA CLARA CA	ESE	0.03 / 140.55	-3	61
4	UST SWEEPS	SANTA CLARA POLICE DEPARTMENT	1541 CIVIC CENTER DRIVE SANTA CLARA CA ***C C	Status:*** A43-010-91152 | ACTIVE ***Tank ID:*** 000002, 000003, 000001	ESE	0.03 / 140.55	-3	61
5	RCRA NON GEN	DESPINA SAHOURIA	1700 CIVIC CENTER BOULEVARD SANTA CLARA CA 95050 ***EPA Handler ID:*** CAC003094570	WNW	0.06 / 294.69	-2	62
6	RCRA NON GEN	DESPINA SAHOURIA	1700 CIVIC CENTER DR SANTA CLARA CA 95050 ***EPA Handler ID:*** CAC003095446	NW	0.06 / 342.81	-2	63

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
7	CERS HAZ	Sherwin-Williams #8686	1717 EL CAMINO REAL SANTA CLARA CA 95050	S	0.07 / 389.93	2	64
7	RCRA NON GEN	SHERWIN WILLIAMS #8686	1717 EL CAMINO REAL SANTA CLARA CA 95050 ***EPA Handler ID:*** CAL000391786	S	0.07 / 389.93	2	65
8	LOP SANTACLARA	Jones' Automotive Shop (Site1)	1702 El Camino Real Santa Clara CA ***SCVWD ID	Closure Date:*** 07S1W03K02f | 6/10/2003	S	0.09 / 457.32	2	66
8	LUST	JONES' AUTOMOTIVE SHOP (SITE1)	1702 EL CAMINO REAL SANTA CLARA CA 95050 ***Global ID	Status	Status Date:*** T0608500640 | COMPLETED - CASE CLOSED | 6/10/2003	S	0.09 / 457.32	2	67
9	RCRA NON GEN	ACC U TUNE & BRAKE	1805 EL CAMINO REAL SANTA CLARA CA 95051 ***EPA Handler ID:*** CAD982483554	SW	0.09 / 467.31	2	76
9	CERS HAZ	Bassi Corp (DBA) Precision Tune Auto Care	1805 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.09 / 467.31	2	77
9	CUPA SANTACLARA	ACC-U-TUNE & BRAKE OF SC	1805 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.09 / 467.31	2	78
9	RCRA NON GEN	BASSI CORP DBA PRECISION TUNE AUTO CARE	1805 EL CAMINO REAL SANTA CLARA CA 95050-0000 ***EPA Handler ID:*** CAL000284203	SW	0.09 / 467.31	2	78
10	CERS HAZ	Bruno's Automotive	1815 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.09 / 472.17	2	79
10	CUPA SANTACLARA	BRUNO'S AUTO & BRAKE SERVICE	1815 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.09 / 472.17	2	82
11	CERS HAZ	King Auto Center	1817 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.09 / 474.32	2	82
12	CERS HAZ	AJ's Auto Repair, Service & Performance	1819 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.09 / 482.23	2	85
13	LUST	JACOBSEN TRAILER LOT (SITE 2)	1610 EL CAMINO REAL SANTA CLARA CA 95050 ***Global ID	Status	Status Date:*** T0608500742 | COMPLETED - CASE CLOSED | 12/8/1997	SE	0.09 / 486.40	1	87

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
14	LOP SANTACLARA	Gangi Investments	1810 El Camino Real Santa Clara CA ***SCVWD ID	Closure Date:*** 07S1W03K01f | 09/08/2010	SW	0.10 / 521.81	3	89
14	LUST	GANGI INVESTMENTS	1810 EL CAMINO REAL SANTA CLARA CA 95050 ***Global ID	Status	Status Date:*** T0608500662 | COMPLETED - CASE CLOSED | 9/8/2010	SW	0.10 / 521.81	3	89
14	DELISTED HAZ	El Camino Auto Care	1810 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.10 / 521.81	3	116
14	CUPA SANTACLARA	JIMMY'S AUTO & BODY SHOP	1810 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.10 / 521.81	3	116
14	CUPA SANTACLARA	JAY AUTO MASTER	1810 EL CAMINO REAL #1 SANTA CLARA CA 95050	SW	0.10 / 521.81	3	117
15	CLEANUP SITES	ANANTARA VILLAS	1850/1890 EL CAMINO REAL SANTA CLARA CA 95050 ***Status	Site Facility Type:*** COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE	SW	0.10 / 547.23	2	117
15	RCRA NON GEN	NEXGEN BUILDERS INC	1850 EL CAMINO RL SANTA CLARA CA 95050 ***EPA Handler ID:*** CAC003071062	SW	0.10 / 547.23	2	121
16	CLEANUP SITES	CITY OF SANTA CLARA CITY HALL	1500 WARBURTON AVENUE SANTA CLARA CA 95050 ***Status	Site Facility Type:*** COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE	NNE	0.12 / 608.00	-9	122
16	CERS HAZ	City of Santa Clara - City Hall	1500 WARBURTON AVE SANTA CLARA CA 95050	NNE	0.12 / 608.00	-9	129
16	ALT FUELS	City of Santa Clara	1500 Warburton Ave Santa Clara CA 95050 ***ID:*** 144132	NNE	0.12 / 608.00	-9	131
16	RCRA NON GEN	CITY OF SANTA CLARA	1500 WARBURTON AVE SANTA CLARA CA 95050 ***EPA Handler ID:*** CAC003047705	NNE	0.12 / 608.00	-9	132
16	ALT FUELS	SANTA CLARA CITY HALL #1	1500 Warburton Ave Santa Clara CA 95050 ***ID:*** 167600	NNE	0.12 / 608.00	-9	133
16	UST SWEEPS	CITY HALL	1500 WARBURTON AVENUE SANTA CLARA CA ***C C	Status:*** A43-010-91158 | ACTIVE ***Tank ID:*** 000001	NNE	0.12 / 608.00	-9	133

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
16	ALT FUELS	SANTA CLARA CITY HALL #3	1500 Warburton Ave Santa Clara CA 95050 ***ID:*** 181563	NNE	0.12 / 608.00	-9	134
16	ALT FUELS	SANTA CLARA CITY HALL #2	1500 Warburton Ave Santa Clara CA 95050 ***ID:*** 181564	NNE	0.12 / 608.00	-9	134
16	ALT FUELS	SANTA CLARA CITY HALL #4	1500 Warburton Ave Santa Clara CA 95050 ***ID:*** 181565	NNE	0.12 / 608.00	-9	135
16	RCRA NON GEN	CITY OF SANTA CLARA	1500 WARBURTON AVENUE WATER DEPT. SANTA CLARA CA 95050 ***EPA Handler ID:*** CAC003103501	NNE	0.12 / 608.00	-9	135
16	RCRA NON GEN	CITY OF SANTA CLARA	1500 WARBURTON AVE SANTA CLARA CA 95050 ***EPA Handler ID:*** CAC003098886	NNE	0.12 / 608.00	-9	136
16	RCRA NON GEN	CITY OF SANTA CLARA	1500 WARBURTON AVE SANTA CLARA CA 95050 ***EPA Handler ID:*** CAC003100330	NNE	0.12 / 608.00	-9	137
17	LOP SANTACLARA	Santa Clara Lumber	1650 Clay St Santa Clara CA ***SCVWD ID | Closure Date:*** 07S1W03J01f | 9/12/1996	SSE	0.13 / 696.61	1	138
17	LUST	SANTA CLARA LUMBER	1650 CLAY ST SANTA CLARA CA 95050 ***Global ID | Status | Status Date:*** T0608501197 | COMPLETED - CASE CLOSED | 9/12/1996	SSE	0.13 / 696.61	1	139
17	HHSS	SANTA CLARA LUMBER AND MILLWORK	1650 CLAY ST SANTA CLARA CA 95050	SSE	0.13 / 696.61	1	141
17	HIST TANK	SANTA CLARA LUMBER & MILLWORK	1650 CLAY ST. SANTA CLARA CA	SSE	0.13 / 696.61	1	141
18	LOP SANTACLARA	Estate of Carmen Laherran	1499 Lincoln St Santa Clara CA ***SCVWD ID | Closure Date:*** 07S1W03J02f | 02/24/2015	SE	0.14 / 750.80	1	141
18	LUST	ESTATE OF CARMEN LAHERRAN	1499 LINCOLN ST. SANTA CLARA CA 95050 ***Global ID | Status | Status Date:*** T0608500820 | COMPLETED - CASE CLOSED | 2/24/2015	SE	0.14 / 750.80	1	141
18	DELISTED HAZ	International Auto Center	1499 LINCOLN ST SANTA CLARA CA 95050	SE	0.14 / 750.80	1	182

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
18	EMISSIONS	INTERNATIONAL AUTO CENTER	1499 LINCOLN STREET SANTA CLARA CA 95050	SE	0.14 / 750.80	1	182
18	EMISSIONS	INTERNATIONAL AUTO CENTER, INC	1499 LINCOLN STREET SANTA CLARA CA 95050	SE	0.14 / 750.80	1	184
18	EMISSIONS	LA HERRAN FAMILY TRUST C/O ATC	1499 LINCOLN STREET SANTA CLARA CA 95050	SE	0.14 / 750.80	1	185
18	EMISSIONS	INTERNATIONAL AUTO CENTER, INC	1499 LINCOLN ST SANTA CLARA CA 95050	SE	0.14 / 750.80	1	188
18	EMISSIONS	INTERNATIONAL AUTO CENTER INC	1499 LINCOLN ST SANTA CLARA CA 95050	SE	0.14 / 750.80	1	188
19	LOP SANTACLARA	Shell	1995 El Camino Real Santa Clara CA ***SCVWD ID | Closure Date:*** 07S1W03G03f | 3/22/2002	WSW	0.14 / 758.04	3	189
19	LUST	SHELL	1995 EL CAMINO REAL SANTA CLARA CA 95050 ***Global ID | Status | Status Date:*** T0608501270 | COMPLETED - CASE CLOSED | 3/22/2002	WSW	0.14 / 758.04	3	189
19	HHSS	SANTA CLARA SHELL	1995 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.14 / 758.04	3	205
19	HIST TANK	SANTA CLARA SHELL	1995 EL CAMINO REAL SANTA CLARA CA	WSW	0.14 / 758.04	3	205
20	LOP SANTACLARA	Santa Clara Car Wash	1483 El Camino Real Santa Clara CA ***SCVWD ID | Closure Date:*** 07S1W03H03f | 9/11/2000	ESE	0.15 / 791.76	-2	205
20	LUST	SANTA CLARA CAR WASH	1483 EL CAMINO REAL SANTA CLARA CA 95050 ***Global ID | Status | Status Date:*** T0608501195 | COMPLETED - CASE CLOSED | 9/11/2000	ESE	0.15 / 791.76	-2	205
20	HIST TANK	SANTA CLARA CAR WASH	1483 EL CAMINO REAL SANTA CLARA CA	ESE	0.15 / 791.76	-2	210
20	UST SWEEPS	SANTA CLARA CAR WASH	1483 EL CAMINO REAL SANTA CLARA CA ***C C | Status:*** A43-010-42307 | ACTIVE ***Tank ID:*** 000002, 000001	ESE	0.15 / 791.76	-2	210

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
21	CLEANUP SITES	1900 WARBURTON RESIDENTIAL DEVELOPMENT	1900 WARBURTON AVE. SANTA CLARA CA 95050	NW	0.15 / 806.41	-5	211
			Status** | **Site Facility Type: OPEN - VERIFICATION MONITORING | CLEANUP PROGRAM SITE				
22	EMISSIONS	ONE STOP COLLISION CENTER	1486 JEFFERSON STREET SANTA CLARA CA 95050	ESE	0.16 / 853.05	0	218
22	EMISSIONS	CHAMPION AUTO BODY & REPAIR	1486 JEFFERSON STREET SANTA CLARA CA 95050	ESE	0.16 / 853.05	0	219
22	HIST TANK	HANLEY H. MURRAY	1486 JEFFERSON ST. SANTA CLARA CA	ESE	0.16 / 853.05	0	226
22	CUPA SANTACLARA	CHAMPION AUTO BODY	1486 JEFFERSON ST SANTA CLARA CA 95050	ESE	0.16 / 853.05	0	226
23	CUPA SANTACLARA	CIVIC CENTER AUTO HAUS	1463 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.16 / 859.26	-3	226
24	CUPA SANTACLARA	UNDERWRITERS LABORATORIES INC	1655 SCOTT BL SANTA CLARA CA 95050	W	0.16 / 869.06	-1	227
25	LOP SANTACLARA	Underwriters Lab.,Inc.	1655 Scott Blvd Santa Clara CA	W	0.17 / 871.29	-1	227
			SCVWD ID** | **Closure Date: 07S1W03G02f | 10/3/1995				
25	LUST	UNDERWRITERS LAB., INC.	1655 SCOTT BLVD SANTA CLARA CA 95050	W	0.17 / 871.29	-1	227
			Global ID** | **Status** | **Status Date: T0608501472 | COMPLETED - CASE CLOSED | 10/3/1995				
25	VCP	SHEA HOMES - SCOTT BLVD. PROJECT	1655 SCOTT BOULEVARD SANTA CLARA CA 95050	W	0.17 / 871.29	-1	229
			Estor/EPA ID** | **Cleanup Status: 60000350 | NO FURTHER ACTION AS OF 8/25/2007				
25	EMISSIONS	UNDERWRITERS LABORATORIES, INC	1655 SCOTT BOULEVARD SANTA CLARA CA 95050	W	0.17 / 871.29	-1	231
25	ENVIROSTOR	SHEA HOMES - SCOTT BLVD. PROJECT	1655 SCOTT BOULEVARD SANTA CLARA CA 95050	W	0.17 / 871.29	-1	236
			Estor/EPA ID** | **Cleanup Status: 60000350 | NO FURTHER ACTION AS OF 8/25/2007				
26	DELISTED HAZ	UP & DOWN TRUCK CENTER	1443 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.17 / 918.13	-3	237

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
27	CLEANUP SITES	EL CAMINO PROPERTIES MIXED USE (CATALINA II)	1433-1493 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.18 / 925.75	-3	237
			Status* | *Site Facility Type: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION | CLEANUP PROGRAM SITE				
27	RCRA TSD	SCS DEVELOPMENT CO.	1433 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.18 / 925.75	-3	245
			EPA Handler ID: CAC003013532				
28	DELISTED TNK	Capitol Petroleum	1995 WARBURTON AVENUE Santa Clara CA 95050	WNW	0.18 / 938.78	-5	246
28	LOP SANTACLARA	Arco #2082	1995 Warburton Ave Santa Clara CA	WNW	0.18 / 938.78	-5	246
			SCVWD ID* | *Closure Date: 07S1W03G04f | 12/22/2003				
28	LUST	ARCO #2082	1995 WARBURTON AVE SANTA CLARA CA 95050	WNW	0.18 / 938.78	-5	246
			Global ID* | *Status* | *Status Date: T0608500166 | COMPLETED - CASE CLOSED | 12/22/2003				
28	HHSS	PRESTIGE STATIONS INC 767	1995 WARBURTON AVE SANTA CLARA CA 95050	WNW	0.18 / 938.78	-5	262
28	CERS TANK	ARCO #02082	1995 WARBURTON AVE SANTA CLARA CA 95050	WNW	0.18 / 938.78	-5	262
			Site ID: 92946				
28	HIST TANK	PRESTIGE STATIONS INC #767	1995 WARBURTON AVE SANTA CLARA CA	WNW	0.18 / 938.78	-5	273
28	CUPA SANTACLARA	WARBURTON SMOG PROS	1995 WARBURTON AV SANTA CLARA CA 95050	WNW	0.18 / 938.78	-5	274
28	EMISSIONS	ARCO FACILITY #02082 - CAPITOL PETROLEUM	1995 WARBURTON AVE SANTA CLARA CA 95050	WNW	0.18 / 938.78	-5	274
28	UST SWEEPS	ARCO FACILITY #2082	1995 WARBURTON AVENUE SANTA CLARA CA	WNW	0.18 / 938.78	-5	275
			C C* | *Status: A43-010-91128 | ACTIVE ***Tank ID:*** 000004, 000001, 000003, 000002				
29	LUST	PRIVATE RESIDENCE	PRIVATE RESIDENCE SANTA CLARA CA 95050	ESE	0.18 / 946.25	1	276
			Global ID* | *Status* | *Status Date: T0608500686 | COMPLETED - CASE CLOSED | 3/4/1996				
30	LOP SANTACLARA	Ferriera Residence (Site 3)	1456 El Camino Real Santa Clara CA	ESE	0.18 / 961.27	-2	279
			SCVWD ID* | *Closure Date: 07S1W03J03f | 3/4/1996				

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
31	CUPA SANTACLARA	MB TRANSMISSIONS	1399 EL CAMINO REAL SANTA CLARA CA 95050	E	0.19 / 985.60	-3	279
32	LOP SANTACLARA	Chevron #9-7116	1795 Scott Blvd Santa Clara CA ***SCVWD ID | Closure Date:*** 07S1W03G01f | 5/16/2005	WNW	0.19 / 988.39	-5	279
32	LUST	CHEVRON #9-7116	1795 SCOTT BLVD SANTA CLARA CA 95050 ***Global ID | Status | Status Date:*** T0608500356 | COMPLETED - CASE CLOSED | 5/16/2005	WNW	0.19 / 988.39	-5	279
32	HHSS	97116	1795 SCOTT BLVD SANTA CLARA CA 95050	WNW	0.19 / 988.39	-5	304
32	HIST TANK	97116	1795 SCOTT BLVD SANTA CLARA CA	WNW	0.19 / 988.39	-5	304
33	LOP SANTACLARA	Kent's Auto Service (Site 4)	1430 El Camino Real Santa Clara CA ***SCVWD ID | Closure Date:*** 07S1W03H02f | 2/29/1996	ESE	0.19 / 998.71	-3	304
33	LUST	KENT'S AUTO SERVICE (SITE 4)	1430 EL CAMINO REAL SANTA CLARA CA 95050 ***Global ID | Status | Status Date:*** T0608501633 | COMPLETED - CASE CLOSED | 2/29/1996	ESE	0.19 / 998.71	-3	304
33	HHSS	RENTA AN OLDE INC	1430 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.19 / 998.71	-3	307
33	HIST TANK	RENTA AN OLDE' INC.	1430 EL CAMINO REAL SANTA CLARA CA	ESE	0.19 / 998.71	-3	307
34	C&D DEBRIS RECY	O'REILLY AUTO PARTS #2913	2027 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.20 / 1,035.26	3	307
35	DELISTED HAZ	Hiep Auto Pro, LLC	1389 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.21 / 1,095.21	-4	307
35	EMISSIONS	THE BUGGY HOUSE OF SANTA CLARA	1389 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.21 / 1,095.21	-4	308
35	CUPA SANTACLARA	BUGGY HOUSE THE	1389 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.21 / 1,095.21	-4	308
36	LOP SANTACLARA	BP Oil #11226	2000 El Camino Real Santa Clara	WSW	0.21 / 1,109.40	3	309

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			CA				
			***SCVWD ID	Closure Date:*** 07S1W03L01f | 3/22/2002			
36	LUST	BP OIL #11226	2000 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.21 / 1,109.40	3	309
			***Global ID	Status	Status Date:*** T0608500933 | COMPLETED - CASE CLOSED | 3/22/2002		
36	HIST TANK	MOBIL SERVICE STATION	2000 EL CAMINO REAL SANTA CLARA CA	WSW	0.21 / 1,109.40	3	315
36	CUPA SANTACLARA	SANTA CLARA BP SELF SERVE	2000 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.21 / 1,109.40	3	315
36	UST SWEEPS	BP OIL COMPANY, SITE #11226	2000 EL CAMINO REAL SANTA CLARA CA	WSW	0.21 / 1,109.40	3	316
			***C C	Status:*** A43-010-91132 | ACTIVE ***Tank ID:*** 000003, 000002, 000001, 000004			
37	LUST	UNOCAL #6897	2025 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.21 / 1,129.05	2	317
			***Global ID	Status	Status Date:*** T0608501506 | COMPLETED - CASE CLOSED | 6/27/2000		
37	EMISSIONS	PERFORMANCE PETROLEUM INC - 76	2025 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.21 / 1,129.05	2	322
37	CERS TANK	BW Jackson,Inc.	2025 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.21 / 1,129.05	2	323
			Site ID: 568771				
37	UST SWEEPS	UNOCAL SS #6897	2025 EL CAMINO REAL SANTA CLARA CA	WSW	0.21 / 1,129.05	2	336
			***C C	Status:*** A43-010-91179 | ACTIVE ***Tank ID:*** 000002, 000001			
37	UST SWEEPS	UNION OIL SS #6897	2025 EL CAMINO REAL SANTA CLARA CA	WSW	0.21 / 1,129.05	2	337
			***C C	Status:*** I43-010-30726 | INACTIVE ***Tank ID:*** 000002, 000001, 000003			
38	CLEANUP SITES	CATALINA DEVELOPMENT	1375-1399 EL CAMINO REAL SANTA CLARA CA 95050	E	0.22 / 1,156.41	-4	338
			***Status	Site Facility Type:*** OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION | CLEANUP PROGRAM SITE			
39	CUPA SANTACLARA	MUSTANG RANCH	1375 EL CAMINO REAL SANTA CLARA CA 95050	E	0.22 / 1,179.30	-4	344
40	EMISSIONS	TARGET STORE T2830	2004 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.23 / 1,234.55	2	344

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
41	EMISSIONS	MERVYN'S LLC	2010 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.24 / 1,280.78	2	346
41	EMISSIONS	TARGET CORPORATION - MERVYN'S	2010 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.24 / 1,280.78	2	348
42	LUST	CITY OF SAN CARLOS	1325 EL CAMINO REAL SAN CARLOS CA 94070	E	0.24 / 1,280.90	-4	349
			***Global ID*	*Status*	*Status Date:*** T0608100995	COMPLETED - CASE CLOSED	4/28/2000				
42	UST SWEEPS	INSTA-LUBE	1325 EL CAMINO REAL SAN CARLOS CA	E	0.24 / 1,280.90	-4	351
			***C C*	*Status:*** A41-000-2523	ACTIVE ***Tank ID:*** 000001						
42	UST SWEEPS	BRITTAN/ HOWARD GRADE SEPARATION PROJ.	1325 EL CAMINO REAL SAN CARLOS CA	E	0.24 / 1,280.90	-4	351
			***C C*	*Status:*** I41-000-770068	INACTIVE ***Tank ID:*** 000001						
42	UST SWEEPS	BRITTAN/HOWARD GRADE SEPARATION PROJ	1325 EL CAMINO REAL SAN CARLOS CA	E	0.24 / 1,280.90	-4	351
			***C C*	*Status:*** A41-000-770068	ACTIVE						
42	UST SWEEPS	INSTA-LUBE	1325 EL CAMINO REAL SAN CARLOS CA	E	0.24 / 1,280.90	-4	352
			***C C*	*Status:*** A41-020-2523	ACTIVE ***Tank ID:*** 000001						
43	LUST	SAN CARLOS AUTO REPAIR, FORMER	1301 EL CAMINO REAL SAN CARLOS CA 94070	E	0.25 / 1,316.73	-4	352
			***Global ID*	*Status*	*Status Date:*** T0608100277	COMPLETED - CASE CLOSED	3/28/2002				
43	UST SWEEPS	AUTO REPAIR SHOP	1301 EL CAMINO REAL SAN CARLOS CA	E	0.25 / 1,316.73	-4	354
			***C C*	*Status:*** A41-000-770056	ACTIVE						
43	UST SWEEPS	AUTO REPAIR SHOP	1301 EL CAMINO REAL SAN CARLOS CA	E	0.25 / 1,316.73	-4	354
			***C C*	*Status:*** I41-000-770056	INACTIVE ***Tank ID:*** 000001, 000002, 000003						
44	DELISTED HAZ	WALGREEN CO.	2012 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.26 / 1,359.39	1	355
45	RECYCLING	NEXCYCLE/ALBERTSONS #7125	2060 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.27 / 1,422.25	1	355
46	LOP SANTACLARA	Allied Management Services	1295 El Camino Real Santa Clara CA	E	0.27 / 1,438.80	-5	356
			***SCVWD ID*	*Closure Date:*** 07S1W03H01f	3/26/2004						

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
46	LUST	ALLIED MANAGEMENT SERVICES	1295 EL CAMINO REAL SANTA CLARA CA 95050	E	0.27 / 1,438.80	-5	356
			***Global ID	Status	Status Date:*** T0608500121	COMPLETED - CASE CLOSED	3/26/2004				
47	LOP SANTACLARA	Unocal #6897	2025 El Camino Real Santa Clara CA	WSW	0.27 / 1,441.27	1	370
			***SCVWD ID	Closure Date:*** 07S1W03F01f	6/27/2000				
48	RCRA TSD	BYER PROPERTIES L.P.	2100 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.29 / 1,541.95	0	371
			EPA Handler ID: CAC003007567				
49	CLEANUP SITES	CAMARO CLEANERS	2116 EL CAMINO REAL SANTA CLARA CA 94086	WSW	0.30 / 1,570.01	0	372
			***Status	Site Facility Type:*** COMPLETED - CASE CLOSED	CLEANUP PROGRAM SITE						
50	LOP SANTACLARA	Santa Clara, City of, Property	1150 El Camino Real Santa Clara CA	E	0.35 / 1,845.65	-5	375
			***SCVWD ID	Closure Date:*** 07S1W02E03f	8/29/1997						
50	LUST	SANTA CLARA, CITY OF, PROPERTY	1150 EL CAMINO REAL SANTA CLARA CA 95050	E	0.35 / 1,845.65	-5	375
			***Global ID	Status	Status Date:*** T0608501037	COMPLETED - CASE CLOSED	8/29/1997				
51	LOP SANTACLARA	Caltrans	El Camino Real & Main St Santa Clara CA	E	0.39 / 2,037.99	-5	378
			***SCVWD ID	Closure Date:*** 07S1W02E04f	10/2/1995						
51	LUST	CALTRANS	EL CAMINO REAL & MAIN ST SANTA CLARA CA 95050	E	0.39 / 2,037.99	-5	378
			***Global ID	Status	Status Date:*** T0608501812	COMPLETED - CASE CLOSED	10/2/1995				
52	CLEANUP SITES	HOLDEN IL OF SANTA CLARA DEVELOPMENT	2232-2240 EL CAMINO REAL SANTA CLARA CA 95051	WSW	0.39 / 2,059.35	-2	380
			***Status	Site Facility Type:*** OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION	CLEANUP PROGRAM SITE						
53	RCRA TSD	ARLENE CASOLARY	2111 MONROE STREET SANTA CLARA CA 95050	N	0.41 / 2,151.37	-18	388
			EPA Handler ID: CAC003007151				
54	LOP SANTACLARA	Chang's Auto Service	1021 El Camino Real Santa Clara CA	E	0.44 / 2,320.05	-7	389
			***SCVWD ID	Closure Date:*** 07S1W02E01f	6/29/2001						
54	LUST	CHANG'S AUTO SERVICE	1021 EL CAMINO REAL SANTA CLARA CA 95050	E	0.44 / 2,320.05	-7	389
			***Global ID	Status	Status Date:*** T0608500323	COMPLETED - CASE CLOSED	6/29/2001				
55	RCRA TSD	JOAN WRABETZ	2125 DENISE DR. SANTA CLARA CA 95050	SW	0.44 / 2,327.87	7	394
			EPA Handler ID: CAC003009977				

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
56	LOP SANTACLARA	Washington Street Condos	1901 Washington St Santa Clara CA ***SCVWD ID	Closure Date:*** 07S1W02D01f | 6/11/1996	ENE	0.45 / 2,372.12	-16	395
56	LUST	WASHINGTON STREET CONDOS	1901 WASHINGTON ST SANTA CLARA CA 95050 ***Global ID	Status	Status Date:*** T0608501575 | COMPLETED - CASE CLOSED | 6/11/1996	ENE	0.45 / 2,372.12	-16	395
57	RCRA TSD	PALADUGU, PRASHANTI	1134 INVERNESS AVENUE SANTA CLARA CA 95050 ***EPA Handler ID:*** CAC003006632	S	0.47 / 2,484.53	15	398
58	LOP SANTACLARA	Shell	2090 Scott Blvd Santa Clara CA ***SCVWD ID	Closure Date:*** 06S1W34P01f |	NNW	0.48 / 2,513.18	-17	399
58	LUST	SCOTT CHEVRON (FORMER SHELL)	2090 SCOTT BOULEVARD SANTA CLARA CA 95050 ***Global ID	Status	Status Date:*** T0608501874 | COMPLETED - CASE CLOSED | 1/11/2018	NNW	0.48 / 2,513.18	-17	399
59	LOP SANTACLARA	Chevron #9-1600	2325 El Camino Real Santa Clara CA ***SCVWD ID	Closure Date:*** 07S1W03E02f | 12/19/2002	W	0.49 / 2,593.87	-1	428
59	LUST	CHEVRON #9-1600	2325 EL CAMINO REAL SANTA CLARA CA 95050 ***Global ID	Status	Status Date:*** T0608501828 | COMPLETED - CASE CLOSED | 12/19/2002	W	0.49 / 2,593.87	-1	428
60	LOP SANTACLARA	ARCO #0606	2320 El Camino Real Santa Clara CA ***SCVWD ID	Closure Date:*** 07S1W03M01f | 1/30/1997	W	0.49 / 2,596.75	-1	434
60	LUST	ARCO #0606	2320 EL CAMINO REAL SANTA CLARA CA 95050 ***Global ID	Status	Status Date:*** T0608500171 | COMPLETED - CASE CLOSED | 1/30/1997	W	0.49 / 2,596.75	-1	434
61	LOP SANTACLARA	Amarach	1640 Lafayette St Santa Clara CA ***SCVWD ID	Closure Date:*** 07S1W02D06f |	ENE	0.50 / 2,625.20	-11	438
61	LUST	AMARACH	1640 LAFAYETTE ST. SANTA CLARA CA 95050 ***Global ID	Status	Status Date:*** T0608594421 | OPEN - ELIGIBLE FOR CLOSURE | 6/30/2020	ENE	0.50 / 2,625.20	-11	438
61	RCRA TSD	ROEM DEVELOPMENT CORPORATION	1640 LAFAYETTE ST SANTA CLARA CA 95050 ***EPA Handler ID:*** CAC003015110	ENE	0.50 / 2,625.20	-11	470
62	ENVIROSTOR	UNISYS	1040 DIGIULIO AVENUE SANTA CLARA CA 95050 ***Estor/EPA ID	Cleanup Status:*** 43350040 | REFER: RWQCB AS OF 8/1/1989	NE	0.55 / 2,884.13	-23	471

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
63	ENVIROSTOR	K & S METAL FINISHING CO.	1232 MEMOREX DRIVE SANTA CLARA CA 95050	NNE	0.59 / 3,129.17	-24	472
			***Estor/EPA ID	Cleanup Status:*** 71003696 | INACTIVE - NEEDS EVALUATION AS OF			
63	ENVIROSTOR	PROCESS STAINLESS LAB, INC.	1280 MEMOREX DR SANTA CLARA CA 95050	NNE	0.59 / 3,129.17	-24	473
			***Estor/EPA ID	Cleanup Status:*** 71004098 | INACTIVE - NEEDS EVALUATION AS OF			
64	ENVIROSTOR	MEMOREX DRIVE COMPLEX	1200 MEMOREX DRIVE SANTA CLARA CA 95052	NNE	0.60 / 3,192.63	-24	473
			***Estor/EPA ID	Cleanup Status:*** 43380017 | REFER: RWQCB AS OF 8/9/1996			
65	ENVIROSTOR	UNISYS RIGID MEDIA COMPONENTS DIVISION	1500 MEMOREX DRIVE SANTA CLARA CA 95050	N	0.62 / 3,287.79	-24	474
			***Estor/EPA ID	Cleanup Status:*** 43360097 | REFER: RWQCB AS OF 6/14/1994			
66	RCRA CORRACTS	FORMER ECS 705 REED ST	705 REED STREET SANTA CLARA CA 95050-0000 ***EPA Handler ID:*** CAD003963592	ENE	0.67 / 3,555.44	-21	475
66	INSP COMP ENF	FORMER ECS 705 REED ST	705 REED ST SANTA CLARA CA 95050	ENE	0.67 / 3,555.44	-21	525
66	ENVIROSTOR	ECS REFINING (DBA)	705 REED ST SANTA CLARA CA 950500000 ***Estor/EPA ID	Cleanup Status:*** 80001527 | INACTIVE - NEEDS EVALUATION AS OF 1/1/2008	ENE	0.67 / 3,555.44	-21	530
66	ENVIROSTOR	FORMER ECS 705 REED ST	705 REED ST SANTA CLARA CA 950500000 ***Estor/EPA ID	Cleanup Status:*** CAD003963592 |	ENE	0.67 / 3,555.44	-21	531
66	HWP	FORMER ECS 705 REED ST	705 REED ST SANTA CLARA CA 950500000 ***Estor/EPA ID:*** CAD003963592	ENE	0.67 / 3,555.44	-21	538
67	MRDS	HUBBLE QUARRY AND MILL	SANTA CLARA COUNTY SANTA CLARA CA 95050 ***Dep ID:*** 10189377	SE	0.69 / 3,647.93	10	545
68	ENVIROSTOR	DEVCO METAL FINISHING, INC.	1745 GRANT STREET #3 SANTA CLARA CA 95050	ENE	0.70 / 3,694.51	-18	545
			***Estor/EPA ID	Cleanup Status:*** 71002359 | INACTIVE - NEEDS EVALUATION AS OF			
69	ENVIROSTOR	BRADFORD MANUFACTURING-REED AND GRANT STREETS PROPERTY	SOUTHWEST CORNER OF REED AND GRANT STREETS SANTA CLARA CA 95050	ENE	0.71 / 3,723.45	-20	546
			***Estor/EPA ID	Cleanup Status:*** 60001129 | CERTIFIED O&M - LAND USE RESTRICTIONS ONLY AS OF 4/22/2013			
70	ENVIROSTOR	SANTA CLARA PLATING CO., INC.	1773 GRANT STREET SANTA CLARA CA 95050	ENE	0.74 / 3,895.88	-17	553

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Estor/EPA ID	Cleanup Status:*** 71002588 | INACTIVE - NEEDS EVALUATION AS OF			
71	ENVIROSTOR	SWIFT METAL FINISHING	1161 RICHARD AVENUE SANTA CLARA CA 95050	N	0.75 / 3,942.67	-27	553
			***Estor/EPA ID	Cleanup Status:*** 71002965 | INACTIVE - NEEDS EVALUATION AS OF			
72	ENVIROSTOR	EXCEL CIRCUITS	1415 RICHARD AVENUE SANTA CLARA CA 95050	N	0.75 / 3,979.19	-26	554
			***Estor/EPA ID	Cleanup Status:*** 71002821 | INACTIVE - NEEDS EVALUATION AS OF			
73	ENVIROSTOR	PYRAMID CIRCUITS, INC.	1405 RICHARD AVENUE SANTA CLARA CA 95050	N	0.77 / 4,043.04	-26	554
			***Estor/EPA ID	Cleanup Status:*** 71003063 | NO FURTHER ACTION AS OF 12/11/2015			
74	ENVIROSTOR	2330 MONROE STREET AFFORDABLE HOUSING PROJECT	2330 MONROE STREET SANTA CLARA CA 95050	NW	0.80 / 4,229.53	-17	555
			***Estor/EPA ID	Cleanup Status:*** 60002982 | ACTIVE AS OF 4/1/2020			
75	ENVIROSTOR	600 MATHEW STREET	600 MATHEW STREET SANTA CLARA CA 95050	NE	0.82 / 4,351.15	-26	557
			***Estor/EPA ID	Cleanup Status:*** 43320044 | NO FURTHER ACTION AS OF 3/21/2001			
76	ENVIROSTOR	SANTA CLARA CIRCUITS	1881 MARTIN STREET SANTA CLARA CA 95050	NNW	0.85 / 4,466.84	-26	558
			***Estor/EPA ID	Cleanup Status:*** 43360007 | REFER: RWQCB AS OF 3/21/1995			
77	ENVIROSTOR	SANTA CLARA POLICE STATION	501 EL CAMINO REAL SANTA CLARA CA 95050	E	0.90 / 4,751.99	-10	559
			***Estor/EPA ID	Cleanup Status:*** 43360129 | CERTIFIED / OPERATION & MAINTENANCE AS OF 12/8/2000			
78	ENVIROSTOR	SANMINA CORP. - PLANT #3	2539 SCOTT BOULEVARD SANTA CLARA CA 95050	NNW	0.92 / 4,855.23	-27	567
			***Estor/EPA ID	Cleanup Status:*** 71003041 | INACTIVE - NEEDS EVALUATION AS OF			
79	ENVIROSTOR	LOMBARDO DIAMOND CORE DRILLING CO., INC.	585 ROBERT AVENUE SANTA CLARA CA 95050	NE	0.93 / 4,922.23	-32	568
			***Estor/EPA ID	Cleanup Status:*** 43160003 | REFER: RWQCB AS OF 8/17/1995			
80	ENVIROSTOR	SPECTRA, INC.	2230 MARTIN AVENUE SANTA CLARA CA 95050	NNW	0.94 / 4,959.68	-28	568
			***Estor/EPA ID	Cleanup Status:*** 71003754 | INACTIVE - NEEDS EVALUATION AS OF			

Executive Summary: Summary by Data Source

Standard

Federal

RCRA CORRACTS - RCRA CORRACTS-Corrective Action

A search of the RCRA CORRACTS database, dated Jun 14, 2021 has found that there are 1 RCRA CORRACTS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
FORMER ECS 705 REED ST	705 REED STREET SANTA CLARA CA 95050-0000 ***EPA Handler ID**: CAD003963592*	ENE	0.67 / 3,555.44	66

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Jun 14, 2021 has found that there are 6 RCRA TSD site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
JOAN WRABETZ	2125 DENISE DR. SANTA CLARA CA 95050 ***EPA Handler ID**: CAC003009977*	SW	0.44 / 2,327.87	55
PALADUGU, PRASHANTI	1134 INVERNESS AVENUE SANTA CLARA CA 95050 ***EPA Handler ID**: CAC003006632*	S	0.47 / 2,484.53	57

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SCS DEVELOPMENT CO.	1433 EL CAMINO REAL SANTA CLARA CA 95050 ***EPA Handler ID**: CAC003013532*	ESE	0.18 / 925.75	27
BYER PROPERTIES L.P.	2100 EL CAMINO REAL SANTA CLARA CA 95050 ***EPA Handler ID**: CAC003007567*	WSW	0.29 / 1,541.95	48
ARLENE CASOLARY	2111 MONROE STREET SANTA CLARA CA 95050 ***EPA Handler ID**: CAC003007151*	N	0.41 / 2,151.37	53
ROEM DEVELOPMENT CORPORATION	1640 LAFAYETTE ST SANTA CLARA CA 95050 ***EPA Handler ID**: CAC003015110*	ENE	0.50 / 2,625.20	61

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Jun 14, 2021 has found that there are 10 RCRA NON GEN site(s) within

approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SHERWIN WILLIAMS #8686	1717 EL CAMINO REAL SANTA CLARA CA 95050 ***EPA Handler ID**: CAL000391786*	S	0.07 / 389.93	7
BASSI CORP DBA PRECISION TUNE AUTO CARE	1805 EL CAMINO REAL SANTA CLARA CA 95050-0000 ***EPA Handler ID**: CAL000284203*	SW	0.09 / 467.31	9
ACC U TUNE & BRAKE	1805 EL CAMINO REAL SANTA CLARA CA 95051 ***EPA Handler ID**: CAD982483554*	SW	0.09 / 467.31	9
NEXGEN BUILDERS INC	1850 EL CAMINO RL SANTA CLARA CA 95050 ***EPA Handler ID**: CAC003071062*	SW	0.10 / 547.23	15

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
DESPINA SAHOURIA	1700 CIVIC CENTER BOULEVARD SANTA CLARA CA 95050 ***EPA Handler ID**: CAC003094570*	WNW	0.06 / 294.69	5
DESPINA SAHOURIA	1700 CIVIC CENTER DR SANTA CLARA CA 95050 ***EPA Handler ID**: CAC003095446*	NW	0.06 / 342.81	6
CITY OF SANTA CLARA	1500 WARBURTON AVE SANTA CLARA CA 95050 ***EPA Handler ID**: CAC003047705*	NNE	0.12 / 608.00	16
CITY OF SANTA CLARA	1500 WARBURTON AVENUE WATER DEPT. SANTA CLARA CA 95050 ***EPA Handler ID**: CAC003103501*	NNE	0.12 / 608.00	16
CITY OF SANTA CLARA	1500 WARBURTON AVE SANTA CLARA CA 95050 ***EPA Handler ID**: CAC003098886*	NNE	0.12 / 608.00	16
CITY OF SANTA CLARA	1500 WARBURTON AVE SANTA CLARA CA 95050 ***EPA Handler ID**: CAC003100330*	NNE	0.12 / 608.00	16

State

ENVIROSTOR - EnviroStor Database

A search of the ENVIROSTOR database, dated Jun 14, 2021 has found that there are 22 ENVIROSTOR site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
APPLIED MATERIALS, INC., CORONADO	3111 CORONADO DRIVE #15, MS1501 SANTA CLARA CA 95054	ENE	0.02 / 113.41	3
	***Estor/EPA ID	Cleanup Status**: 71003346	INACTIVE - NEEDS EVALUATION AS OF*		
SHEA HOMES - SCOTT BLVD. PROJECT	1655 SCOTT BOULEVARD SANTA CLARA CA 95050	W	0.17 / 871.29	25
	***Estor/EPA ID	Cleanup Status**: 60000350	NO FURTHER ACTION AS OF 8/25/2007*		
UNISYS	1040 DIGIULIO AVENUE SANTA CLARA CA 95050	NE	0.55 / 2,884.13	62
	***Estor/EPA ID	Cleanup Status**: 43350040	REFER: RWQCB AS OF 8/1/1989*		
PROCESS STAINLESS LAB, INC.	1280 MEMOREX DR SANTA CLARA CA 95050	NNE	0.59 / 3,129.17	63
	***Estor/EPA ID	Cleanup Status**: 71004098	INACTIVE - NEEDS EVALUATION AS OF*		
K & S METAL FINISHING CO.	1232 MEMOREX DRIVE SANTA CLARA CA 95050	NNE	0.59 / 3,129.17	63
	***Estor/EPA ID	Cleanup Status**: 71003696	INACTIVE - NEEDS EVALUATION AS OF*		
MEMOREX DRIVE COMPLEX	1200 MEMOREX DRIVE SANTA CLARA CA 95052	NNE	0.60 / 3,192.63	64
	***Estor/EPA ID	Cleanup Status**: 43380017	REFER: RWQCB AS OF 8/9/1996*		
UNISYS RIGID MEDIA COMPONENTS DIVISION	1500 MEMOREX DRIVE SANTA CLARA CA 95050	N	0.62 / 3,287.79	65
	***Estor/EPA ID	Cleanup Status**: 43360097	REFER: RWQCB AS OF 6/14/1994*		
ECS REFINING (DBA)	705 REED ST SANTA CLARA CA 950500000	ENE	0.67 / 3,555.44	66
	***Estor/EPA ID	Cleanup Status**: 80001527	INACTIVE - NEEDS EVALUATION AS OF 1/1/2008*		
FORMER ECS 705 REED ST	705 REED ST SANTA CLARA CA 950500000	ENE	0.67 / 3,555.44	66
	***Estor/EPA ID	Cleanup Status**: CAD003963592 |*		
DEVCO METAL FINISHING, INC.	1745 GRANT STREET #3 SANTA CLARA CA 95050	ENE	0.70 / 3,694.51	68
	***Estor/EPA ID	Cleanup Status**: 71002359	INACTIVE - NEEDS EVALUATION AS OF*		
BRADFORD MANUFACTURING-REED AND GRANT STREETS PROPERTY	SOUTHWEST CORNER OF REED AND GRANT STREETS SANTA CLARA CA 95050	ENE	0.71 / 3,723.45	69
	***Estor/EPA ID	Cleanup Status**: 60001129	CERTIFIED O&M - LAND USE RESTRICTIONS ONLY AS OF 4/22/2013*		
SANTA CLARA PLATING CO., INC.	1773 GRANT STREET SANTA CLARA CA 95050	ENE	0.74 / 3,895.88	70
	***Estor/EPA ID	Cleanup Status**: 71002588	INACTIVE - NEEDS EVALUATION AS OF*		
SWIFT METAL FINISHING	1161 RICHARD AVENUE SANTA CLARA CA 95050	N	0.75 / 3,942.67	71

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***Estor/EPA ID	Cleanup Status**: 71002965	INACTIVE - NEEDS EVALUATION AS OF*			
EXCEL CIRCUITS	1415 RICHARD AVENUE SANTA CLARA CA 95050	N	0.75 / 3,979.19	72
	***Estor/EPA ID	Cleanup Status**: 71002821	INACTIVE - NEEDS EVALUATION AS OF*			
PYRAMID CIRCUITS, INC.	1405 RICHARD AVENUE SANTA CLARA CA 95050	N	0.77 / 4,043.04	73
	***Estor/EPA ID	Cleanup Status**: 71003063	NO FURTHER ACTION AS OF 12/11/2015*			
2330 MONROE STREET AFFORDABLE HOUSING PROJECT	2330 MONROE STREET SANTA CLARA CA 95050	NW	0.80 / 4,229.53	74
	***Estor/EPA ID	Cleanup Status**: 60002982	ACTIVE AS OF 4/1/2020*			
600 MATHEW STREET	600 MATHEW STREET SANTA CLARA CA 95050	NE	0.82 / 4,351.15	75
	***Estor/EPA ID	Cleanup Status**: 43320044	NO FURTHER ACTION AS OF 3/21/2001*			
SANTA CLARA CIRCUITS	1881 MARTIN STREET SANTA CLARA CA 95050	NNW	0.85 / 4,466.84	76
	***Estor/EPA ID	Cleanup Status**: 43360007	REFER: RWQCB AS OF 3/21/1995*			
SANTA CLARA POLICE STATION	501 EL CAMINO REAL SANTA CLARA CA 95050	E	0.90 / 4,751.99	77
	***Estor/EPA ID	Cleanup Status**: 43360129	CERTIFIED / OPERATION & MAINTENANCE AS OF 12/8/2000*			
SANMINA CORP. - PLANT #3	2539 SCOTT BOULEVARD SANTA CLARA CA 95050	NNW	0.92 / 4,855.23	78
	***Estor/EPA ID	Cleanup Status**: 71003041	INACTIVE - NEEDS EVALUATION AS OF*			
LOMBARDO DIAMOND CORE DRILLING CO., INC.	585 ROBERT AVENUE SANTA CLARA CA 95050	NE	0.93 / 4,922.23	79
	***Estor/EPA ID	Cleanup Status**: 43160003	REFER: RWQCB AS OF 8/17/1995*			
SPECTRA, INC.	2230 MARTIN AVENUE SANTA CLARA CA 95050	NNW	0.94 / 4,959.68	80
	***Estor/EPA ID	Cleanup Status**: 71003754	INACTIVE - NEEDS EVALUATION AS OF*			

HWP - EnviroStor Hazardous Waste Facilities

A search of the HWP database, dated Jun 14, 2021 has found that there are 1 HWP site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
FORMER ECS 705 REED ST	705 REED ST SANTA CLARA CA 950500000	ENE	0.67 / 3,555.44	66
	***Estor/EPA ID**: CAD003963592*			

C&D DEBRIS RECY - Construction and Demolition Debris Recyclers

A search of the C&D DEBRIS RECY database, dated Jun 20, 2018 has found that there are 1 C&D DEBRIS RECY site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
O'REILLY AUTO PARTS #2913	2027 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.20 / 1,035.26	34

RECYCLING - Recycling Centers

A search of the RECYCLING database, dated Nov 2, 2020 has found that there are 1 RECYCLING site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NEXCYCLE/ALBERTSONS #7125	2060 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.27 / 1,422.25	45

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Jun 22, 2021 has found that there are 26 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
JONES' AUTOMOTIVE SHOP (SITE1)	1702 EL CAMINO REAL SANTA CLARA CA 95050	S	0.09 / 457.32	8
	Global ID **|** ***Status*** **|** ***Status Date***: *T0608500640* | *COMPLETED - CASE CLOSED* | *6/10/2003*			
JACOBSEN TRAILER LOT (SITE 2)	1610 EL CAMINO REAL SANTA CLARA CA 95050	SE	0.09 / 486.40	13
	Global ID **|** ***Status*** **|** ***Status Date***: *T0608500742* | *COMPLETED - CASE CLOSED* | *12/8/1997*			
GANGI INVESTMENTS	1810 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.10 / 521.81	14
	Global ID **|** ***Status*** **|** ***Status Date***: *T0608500662* | *COMPLETED - CASE CLOSED* | *9/8/2010*			
SANTA CLARA LUMBER	1650 CLAY ST SANTA CLARA CA 95050	SSE	0.13 / 696.61	17
	Global ID **|** ***Status*** **|** ***Status Date***: *T0608501197* | *COMPLETED - CASE CLOSED* | *9/12/1996*			
ESTATE OF CARMEN LAHERRAN	1499 LINCOLN ST. SANTA CLARA CA 95050	SE	0.14 / 750.80	18
	Global ID **|** ***Status*** **|** ***Status Date***: *T0608500820* | *COMPLETED - CASE CLOSED* | *2/24/2015*			
SHELL	1995 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.14 / 758.04	19
	Global ID **|** ***Status*** **|** ***Status Date***: *T0608501270* | *COMPLETED - CASE CLOSED* | *3/22/2002*			
PRIVATE RESIDENCE	PRIVATE RESIDENCE SANTA CLARA CA 95050	ESE	0.18 / 946.25	29
	Global ID **|** ***Status*** **|** ***Status Date***: *T0608500686* | *COMPLETED - CASE CLOSED* | *3/4/1996*			
BP OIL #11226	2000 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.21 / 1,109.40	36
	Global ID **|** ***Status*** **|** ***Status Date***: *T0608500933* | *COMPLETED - CASE CLOSED* | *3/22/2002*			

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNOCAL #6897	2025 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.21 / 1,129.05	37
	Global ID* | *Status* | *Status Date: *T0608501506* | *COMPLETED - CASE CLOSED* | *6/27/2000*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANTA CLARA POLICE STATION	1541 CIVIC CENTER DR SANTA CLARA CA 95050	ESE	0.03 / 140.55	4
	Global ID* | *Status* | *Status Date: *T0608501198* | *COMPLETED - CASE CLOSED* | *4/23/2004*			
SANTA CLARA CAR WASH	1483 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.15 / 791.76	20
	Global ID* | *Status* | *Status Date: *T0608501195* | *COMPLETED - CASE CLOSED* | *9/11/2000*			
UNDERWRITERS LAB.,INC.	1655 SCOTT BLVD SANTA CLARA CA 95050	W	0.17 / 871.29	25
	Global ID* | *Status* | *Status Date: *T0608501472* | *COMPLETED - CASE CLOSED* | *10/3/1995*			
ARCO #2082	1995 WARBURTON AVE SANTA CLARA CA 95050	WNW	0.18 / 938.78	28
	Global ID* | *Status* | *Status Date: *T0608500166* | *COMPLETED - CASE CLOSED* | *12/22/2003*			
CHEVRON #9-7116	1795 SCOTT BLVD SANTA CLARA CA 95050	WNW	0.19 / 988.39	32
	Global ID* | *Status* | *Status Date: *T0608500356* | *COMPLETED - CASE CLOSED* | *5/16/2005*			
KENT'S AUTO SERVICE (SITE 4)	1430 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.19 / 998.71	33
	Global ID* | *Status* | *Status Date: *T0608501633* | *COMPLETED - CASE CLOSED* | *2/29/1996*			
CITY OF SAN CARLOS	1325 EL CAMINO REAL SAN CARLOS CA 94070	E	0.24 / 1,280.90	42
	Global ID* | *Status* | *Status Date: *T0608100995* | *COMPLETED - CASE CLOSED* | *4/28/2000*			
SAN CARLOS AUTO REPAIR, FORMER	1301 EL CAMINO REAL SAN CARLOS CA 94070	E	0.25 / 1,316.73	43
	Global ID* | *Status* | *Status Date: *T0608100277* | *COMPLETED - CASE CLOSED* | *3/28/2002*			
ALLIED MANAGEMENT SERVICES	1295 EL CAMINO REAL SANTA CLARA CA 95050	E	0.27 / 1,438.80	46
	Global ID* | *Status* | *Status Date: *T0608500121* | *COMPLETED - CASE CLOSED* | *3/26/2004*			
SANTA CLARA, CITY OF, PROPERTY	1150 EL CAMINO REAL SANTA CLARA CA 95050	E	0.35 / 1,845.65	50
	Global ID* | *Status* | *Status Date: *T0608501037* | *COMPLETED - CASE CLOSED* | *8/29/1997*			
CALTRANS	EL CAMINO REAL & MAIN ST SANTA CLARA CA 95050	E	0.39 / 2,037.99	51
	Global ID* | *Status* | *Status Date: *T0608501812* | *COMPLETED - CASE CLOSED* | *10/2/1995*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CHANG'S AUTO SERVICE	1021 EL CAMINO REAL SANTA CLARA CA 95050	E	0.44 / 2,320.05	54
	Global ID* | *Status* | *Status Date: *T0608500323* | *COMPLETED - CASE CLOSED* | *6/29/2001*			
WASHINGTON STREET CONDOS	1901 WASHINGTON ST SANTA CLARA CA 95050	ENE	0.45 / 2,372.12	56
	Global ID* | *Status* | *Status Date: *T0608501575* | *COMPLETED - CASE CLOSED* | *6/11/1996*			
SCOTT CHEVRON (FORMER SHELL)	2090 SCOTT BOULEVARD SANTA CLARA CA 95050	NNW	0.48 / 2,513.18	58
	Global ID* | *Status* | *Status Date: *T0608501874* | *COMPLETED - CASE CLOSED* | *1/11/2018*			
CHEVRON #9-1600	2325 EL CAMINO REAL SANTA CLARA CA 95050	W	0.49 / 2,593.87	59
	Global ID* | *Status* | *Status Date: *T0608501828* | *COMPLETED - CASE CLOSED* | *12/19/2002*			
ARCO #0606	2320 EL CAMINO REAL SANTA CLARA CA 95050	W	0.49 / 2,596.75	60
	Global ID* | *Status* | *Status Date: *T0608500171* | *COMPLETED - CASE CLOSED* | *1/30/1997*			
AMARACH	1640 LAFAYETTE ST. SANTA CLARA CA 95050	ENE	0.50 / 2,625.20	61
	Global ID* | *Status* | *Status Date: *T0608594421* | *OPEN - ELIGIBLE FOR CLOSURE* | *6/30/2020*			

HHSS - Historical Hazardous Substance Storage Information Database

A search of the HHSS database, dated Aug 27, 2015 has found that there are 6 HHSS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANTA CLARA LUMBER AND MILLWORK	1650 CLAY ST SANTA CLARA CA 95050	SSE	0.13 / 696.61	17
SANTA CLARA SHELL	1995 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.14 / 758.04	19

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
POLICE DEPT	1541 CIVIC CENTER DRIVE SANTA CLARA CA 95050	ESE	0.03 / 140.55	4
PRESTIGE STATIONS INC 767	1995 WARBURTON AVE SANTA CLARA CA 95050	WNW	0.18 / 938.78	28
97116	1795 SCOTT BLVD SANTA CLARA CA 95050	WNW	0.19 / 988.39	32

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
RENTA AN OLDE INC	1430 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.19 / 998.71	33

UST SWEEPS - Statewide Environmental Evaluation and Planning System

A search of the UST SWEEPS database, dated Oct 1, 1994 has found that there are 13 UST SWEEPS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BP OIL COMPANY, SITE #11226	2000 EL CAMINO REAL SANTA CLARA CA	WSW	0.21 / 1,109.40	36
	***C C	Status**: A43-010-91132	ACTIVE* ***Tank ID**: 000003, 000002, 000001, 000004*		
UNION OIL SS #6897	2025 EL CAMINO REAL SANTA CLARA CA	WSW	0.21 / 1,129.05	37
	***C C	Status**: I43-010-30726	INACTIVE* ***Tank ID**: 000002, 000001, 000003*		
UNOCAL SS #6897	2025 EL CAMINO REAL SANTA CLARA CA	WSW	0.21 / 1,129.05	37
	***C C	Status**: A43-010-91179	ACTIVE* ***Tank ID**: 000002, 000001*		

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANTA CLARA POLICE DEPARTMENT	1541 CIVIC CENTER DRIVE SANTA CLARA CA	ESE	0.03 / 140.55	4
	***C C	Status**: A43-010-91152	ACTIVE* ***Tank ID**: 000002, 000003, 000001*		
CITY HALL	1500 WARBURTON AVENUE SANTA CLARA CA	NNE	0.12 / 608.00	16
	***C C	Status**: A43-010-91158	ACTIVE* ***Tank ID**: 000001*		
SANTA CLARA CAR WASH	1483 EL CAMINO REAL SANTA CLARA CA	ESE	0.15 / 791.76	20
	***C C	Status**: A43-010-42307	ACTIVE* ***Tank ID**: 000002, 000001*		
ARCO FACILITY #2082	1995 WARBURTON AVENUE SANTA CLARA CA	WNW	0.18 / 938.78	28
	***C C	Status**: A43-010-91128	ACTIVE* ***Tank ID**: 000004, 000001, 000003, 000002*		
BRITTAN/ HOWARD GRADE SEPARATION PROJ.	1325 EL CAMINO REAL SAN CARLOS CA	E	0.24 / 1,280.90	42
	***C C	Status**: I41-000-770068	INACTIVE* ***Tank ID**: 000001*		

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
INSTA-LUBE	1325 EL CAMINO REAL SAN CARLOS CA ***C C	Status**: A41-000-2523	ACTIVE* ***Tank ID**: 000001*	E	0.24 / 1,280.90	42
BRITTAN/HOWARD GRADE SEPARATION PROJ	1325 EL CAMINO REAL SAN CARLOS CA ***C C	Status**: A41-000-770068	ACTIVE*	E	0.24 / 1,280.90	42
INSTA-LUBE	1325 EL CAMINO REAL SAN CARLOS CA ***C C	Status**: A41-020-2523	ACTIVE* ***Tank ID**: 000001*	E	0.24 / 1,280.90	42
AUTO REPAIR SHOP	1301 EL CAMINO REAL SAN CARLOS CA ***C C	Status**: A41-000-770056	ACTIVE*	E	0.25 / 1,316.73	43
AUTO REPAIR SHOP	1301 EL CAMINO REAL SAN CARLOS CA ***C C	Status**: I41-000-770056	INACTIVE* ***Tank ID**: 000001, 000002, 000003*	E	0.25 / 1,316.73	43

DELISTED TNK - Delisted Storage Tanks

A search of the DELISTED TNK database, dated Jul 25, 2021 has found that there are 1 DELISTED TNK site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Capitol Petroleum	1995 WARBURTON AVENUE Santa Clara CA 95050	WNW	0.18 / 938.78	28

CERS TANK - California Environmental Reporting System (CERS) Tanks

A search of the CERS TANK database, dated Apr 29, 2021 has found that there are 2 CERS TANK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BW Jackson,Inc.	2025 EL CAMINO REAL SANTA CLARA CA 95050 ***Site ID**: 568771*	WSW	0.21 / 1,129.05	37

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ARCO #02082	1995 WARBURTON AVE SANTA CLARA CA 95050 ***Site ID**: 92946*	WNW	0.18 / 938.78	28

DELISTED CTNK - Delisted California Environmental Reporting System (CERS) Tanks

A search of the DELISTED CTNK database, dated Apr 29, 2021 has found that there are 1 DELISTED CTNK site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
City of Santa Clara	1675 LINCOLN ST. SANTA CLARA CA 95050	NE	0.02 / 85.99	2

HIST TANK - Historical Hazardous Substance Storage Container Information - Facility Summary

A search of the HIST TANK database, dated May 27, 1988 has found that there are 9 HIST TANK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANTA CLARA LUMBER & MILLWORK	1650 CLAY ST. SANTA CLARA CA	SSE	0.13 / 696.61	17
SANTA CLARA SHELL	1995 EL CAMINO REAL SANTA CLARA CA	WSW	0.14 / 758.04	19
HANLEY H. MURRAY	1486 JEFFERSON ST. SANTA CLARA CA	ESE	0.16 / 853.05	22
MOBIL SERVICE STATION	2000 EL CAMINO REAL SANTA CLARA CA	WSW	0.21 / 1,109.40	36

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
POLICE DEPT	1541 CIVIC CENTER DRIVE SANTA CLARA CA	ESE	0.03 / 140.55	4
SANTA CLARA CAR WASH	1483 EL CAMINO REAL SANTA CLARA CA	ESE	0.15 / 791.76	20
PRESTIGE STATIONS INC #767	1995 WARBURTON AVE SANTA CLARA CA	WNW	0.18 / 938.78	28
97116	1795 SCOTT BLVD SANTA CLARA CA	WNW	0.19 / 988.39	32
RENTA AN OLDE' INC.	1430 EL CAMINO REAL SANTA CLARA CA	ESE	0.19 / 998.71	33

VCP - Voluntary Cleanup Program

A search of the VCP database, dated Jun 14, 2021 has found that there are 1 VCP site(s) within approximately 0.50 miles of the project

property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SHEA HOMES - SCOTT BLVD. PROJECT	1655 SCOTT BOULEVARD SANTA CLARA CA 95050	W	0.17 / 871.29	25
	Estor/EPA ID* | *Cleanup Status: *60000350* | *NO FURTHER ACTION AS OF 8/25/2007*			

CLEANUP SITES - GeoTracker Cleanup Program Sites

A search of the CLEANUP SITES database, dated Jun 22, 2021 has found that there are 7 CLEANUP SITES site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ANANTARA VILLAS	1850/1890 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.10 / 547.23	15
	Status* | *Site Facility Type: *COMPLETED - CASE CLOSED* | *CLEANUP PROGRAM SITE*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITY OF SANTA CLARA CITY HALL	1500 WARBURTON AVENUE SANTA CLARA CA 95050	NNE	0.12 / 608.00	16
	Status* | *Site Facility Type: *COMPLETED - CASE CLOSED* | *CLEANUP PROGRAM SITE*			
1900 WARBURTON RESIDENTIAL DEVELOPMENT	1900 WARBURTON AVE. SANTA CLARA CA 95050	NW	0.15 / 806.41	21
	Status* | *Site Facility Type: *OPEN - VERIFICATION MONITORING* | *CLEANUP PROGRAM SITE*			
EL CAMINO PROPERTIES MIXED USE (CATALINA II)	1433-1493 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.18 / 925.75	27
	Status* | *Site Facility Type: *OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION* | *CLEANUP PROGRAM SITE*			
CATALINA DEVELOPMENT	1375-1399 EL CAMINO REAL SANTA CLARA CA 95050	E	0.22 / 1,156.41	38
	Status* | *Site Facility Type: *OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION* | *CLEANUP PROGRAM SITE*			
CAMARO CLEANERS	2116 EL CAMINO REAL SANTA CLARA CA 94086	WSW	0.30 / 1,570.01	49
	Status* | *Site Facility Type: *COMPLETED - CASE CLOSED* | *CLEANUP PROGRAM SITE*			
HOLDEN IL OF SANTA CLARA DEVELOPMENT	2232-2240 EL CAMINO REAL SANTA CLARA CA 95051	WSW	0.39 / 2,059.35	52
	Status* | *Site Facility Type: *OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION* | *CLEANUP PROGRAM SITE*			

County

LOP SANTACLARA - Santa Clara County - Local Oversight Program Listing

A search of the LOP SANTACLARA database, dated Jun 14, 2017 has found that there are 23 LOP SANTACLARA site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Jones' Automotive Shop (Site1)	1702 El Camino Real Santa Clara CA	S	0.09 / 457.32	8
	***SCVWD ID | Closure Date**: 07S1W03K02f | 6/10/2003*			
Gangi Investments	1810 El Camino Real Santa Clara CA	SW	0.10 / 521.81	14
	***SCVWD ID | Closure Date**: 07S1W03K01f | 09/08/2010*			
Santa Clara Lumber	1650 Clay St Santa Clara CA	SSE	0.13 / 696.61	17
	***SCVWD ID | Closure Date**: 07S1W03J01f | 9/12/1996*			
Estate of Carmen Laherran	1499 Lincoln St Santa Clara CA	SE	0.14 / 750.80	18
	***SCVWD ID | Closure Date**: 07S1W03J02f | 02/24/2015*			
Shell	1995 El Camino Real Santa Clara CA	WSW	0.14 / 758.04	19
	***SCVWD ID | Closure Date**: 07S1W03G03f | 3/22/2002*			
BP Oil #11226	2000 El Camino Real Santa Clara CA	WSW	0.21 / 1,109.40	36
	***SCVWD ID | Closure Date**: 07S1W03L01f | 3/22/2002*			
Unocal #6897	2025 El Camino Real Santa Clara CA	WSW	0.27 / 1,441.27	47
	***SCVWD ID | Closure Date**: 07S1W03F01f | 6/27/2000*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Santa Clara Police Station	1541 Civic Center Dr Santa Clara CA	ESE	0.03 / 140.55	4
	***SCVWD ID | Closure Date**: 07S1W03G05f | 4/23/2004*			
Santa Clara Car Wash	1483 El Camino Real Santa Clara CA	ESE	0.15 / 791.76	20
	***SCVWD ID | Closure Date**: 07S1W03H03f | 9/11/2000*			
Underwriters Lab.,Inc.	1655 Scott Blvd Santa Clara CA	W	0.17 / 871.29	25
	***SCVWD ID | Closure Date**: 07S1W03G02f | 10/3/1995*			
Arco #2082	1995 Warburton Ave Santa Clara CA	WNW	0.18 / 938.78	28
	***SCVWD ID | Closure Date**: 07S1W03G04f | 12/22/2003*			
Ferriera Residence (Site 3)	1456 El Camino Real Santa Clara CA	ESE	0.18 / 961.27	30
	***SCVWD ID | Closure Date**: 07S1W03J03f | 3/4/1996*			
Chevron #9-7116	1795 Scott Blvd Santa Clara CA	WNW	0.19 / 988.39	32

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***SCVWD ID | Closure Date**: 07S1W03G01f | 5/16/2005*			
Kent's Auto Service (Site 4)	1430 El Camino Real Santa Clara CA	ESE	0.19 / 998.71	33
	***SCVWD ID | Closure Date**: 07S1W03H02f | 2/29/1996*			
Allied Management Services	1295 El Camino Real Santa Clara CA	E	0.27 / 1,438.80	46
	***SCVWD ID | Closure Date**: 07S1W03H01f | 3/26/2004*			
Santa Clara, City of, Property	1150 El Camino Real Santa Clara CA	E	0.35 / 1,845.65	50
	***SCVWD ID | Closure Date**: 07S1W02E03f | 8/29/1997*			
Caltrans	El Camino Real & Main St Santa Clara CA	E	0.39 / 2,037.99	51
	***SCVWD ID | Closure Date**: 07S1W02E04f | 10/2/1995*			
Chang's Auto Service	1021 El Camino Real Santa Clara CA	E	0.44 / 2,320.05	54
	***SCVWD ID | Closure Date**: 07S1W02E01f | 6/29/2001*			
Washington Street Condos	1901 Washington St Santa Clara CA	ENE	0.45 / 2,372.12	56
	***SCVWD ID | Closure Date**: 07S1W02D01f | 6/11/1996*			
Shell	2090 Scott Blvd Santa Clara CA	NNW	0.48 / 2,513.18	58
	***SCVWD ID | Closure Date**: 06S1W34P01f |*			
Chevron #9-1600	2325 El Camino Real Santa Clara CA	W	0.49 / 2,593.87	59
	***SCVWD ID | Closure Date**: 07S1W03E02f | 12/19/2002*			
ARCO #0606	2320 El Camino Real Santa Clara CA	W	0.49 / 2,596.75	60
	***SCVWD ID | Closure Date**: 07S1W03M01f | 1/30/1997*			
Amarach	1640 Lafayette St Santa Clara CA	ENE	0.50 / 2,625.20	61
	***SCVWD ID | Closure Date**: 07S1W02D06f |*			

CUPA SANTACLARA - Santa Clara County - CUPA Facilities List

A search of the CUPA SANTACLARA database, dated Mar 13, 2021 has found that there are 12 CUPA SANTACLARA site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ACC-U-TUNE & BRAKE OF SC	1805 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.09 / 467.31	9

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BRUNO'S AUTO & BRAKE SERVICE	1815 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.09 / 472.17	10
JIMMY'S AUTO & BODY SHOP	1810 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.10 / 521.81	14
JAY AUTO MASTER	1810 EL CAMINO REAL #1 SANTA CLARA CA 95050	SW	0.10 / 521.81	14
CHAMPION AUTO BODY	1486 JEFFERSON ST SANTA CLARA CA 95050	ESE	0.16 / 853.05	22
SANTA CLARA BP SELF SERVE	2000 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.21 / 1,109.40	36

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CIVIC CENTER AUTO HAUS	1463 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.16 / 859.26	23
UNDERWRITERS LABORATORIES INC	1655 SCOTT BL SANTA CLARA CA 95050	W	0.16 / 869.06	24
WARBURTON SMOG PROS	1995 WARBURTON AV SANTA CLARA CA 95050	WNW	0.18 / 938.78	28
MB TRANSMISSIONS	1399 EL CAMINO REAL SANTA CLARA CA 95050	E	0.19 / 985.60	31
BUGGY HOUSE THE	1389 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.21 / 1,095.21	35
MUSTANG RANCH	1375 EL CAMINO REAL SANTA CLARA CA 95050	E	0.22 / 1,179.30	39

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Nov 2, 2020 has found that there are 3 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
OLD MISSION CENTER	1601 CIVIC CENTER DR #202 SANTA CLARA CA 95050 ***Registry ID**: 110055769173*	SSW	0.00 / 0.00	1
OWEN PROPERTIES	1601 CIVIC CENTER DRIVE SANTA CLARA CA 95050 ***Registry ID**: 110054209717*	SSW	0.00 / 0.00	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITY OF SANTA CLARA	1675 LINCOLN ST SANTA CLARA CA 95050 ***Registry ID**: 110066194219*	NE	0.02 / 85.99	2

MRDS - Mineral Resource Data System

A search of the MRDS database, dated Mar 15, 2006 has found that there are 1 MRDS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
HUBBLE QUARRY AND MILL	SANTA CLARA COUNTY SANTA CLARA CA 95050 ***Dep ID**: 10189377*	SE	0.69 / 3,647.93	67

ALT FUELS - Alternative Fueling Stations

A search of the ALT FUELS database, dated Jul 12, 2021 has found that there are 5 ALT FUELS site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANTA CLARA CITY HALL #3	1500 Warburton Ave Santa Clara CA 95050 ***ID**: 181563*	NNE	0.12 / 608.00	16
SANTA CLARA CITY HALL #4	1500 Warburton Ave Santa Clara CA 95050 ***ID**: 181565*	NNE	0.12 / 608.00	16
SANTA CLARA CITY HALL #2	1500 Warburton Ave Santa Clara CA 95050 ***ID**: 181564*	NNE	0.12 / 608.00	16
SANTA CLARA CITY HALL #1	1500 Warburton Ave Santa Clara CA 95050 ***ID**: 167600*	NNE	0.12 / 608.00	16

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
City of Santa Clara	1500 Warburton Ave Santa Clara CA 95050 ***ID**: 144132*	NNE	0.12 / 608.00	16

State

INSP COMP ENF - EnviroStor Inspection, Compliance, and Enforcement

A search of the INSP COMP ENF database, dated Apr 29, 2021 has found that there are 1 INSP COMP ENF site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
FORMER ECS 705 REED ST	705 REED ST SANTA CLARA CA 95050	ENE	0.67 / 3,555.44	66

HAZNET - Hazardous Waste Manifest Data

A search of the HAZNET database, dated Oct 24, 2016 has found that there are 1 HAZNET site(s) within approximately 0.02 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITY OF SANTA CLARA - COURTHOUSE	1675 LINCOLN AVE SANTA CLARA CA 950500000	NE	0.02 / 85.99	2

CERS HAZ - California Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the CERS HAZ database, dated Feb 9, 2021 has found that there are 6 CERS HAZ site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Sherwin-Williams #8686	1717 EL CAMINO REAL SANTA CLARA CA 95050	S	0.07 / 389.93	7
Bassi Corp (DBA) Precision Tune Auto Care	1805 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.09 / 467.31	9
Bruno's Automotive	1815 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.09 / 472.17	10
King Auto Center	1817 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.09 / 474.32	11
AJ's Auto Repair, Service & Performance	1819 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.09 / 482.23	12

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
City of Santa Clara - City Hall	1500 WARBURTON AVE SANTA CLARA CA 95050	NNE	0.12 / 608.00	16

DELISTED HAZ - Delisted Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the DELISTED HAZ database, dated Nov 29, 2018 has found that there are 6 DELISTED HAZ site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
El Camino Auto Care	1810 EL CAMINO REAL SANTA CLARA CA 95050	SW	0.10 / 521.81	14
International Auto Center	1499 LINCOLN ST SANTA CLARA CA 95050	SE	0.14 / 750.80	18
WALGREEN CO.	2012 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.26 / 1,359.39	44

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
City of Santa Clara	1675 LINCOLN ST. SANTA CLARA CA 95050	NE	0.02 / 85.99	2
UP & DOWN TRUCK CENTER	1443 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.17 / 918.13	26
Hiep Auto Pro, LLC	1389 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.21 / 1,095.21	35

EMISSIONS - Toxic Pollutant Emissions Facilities

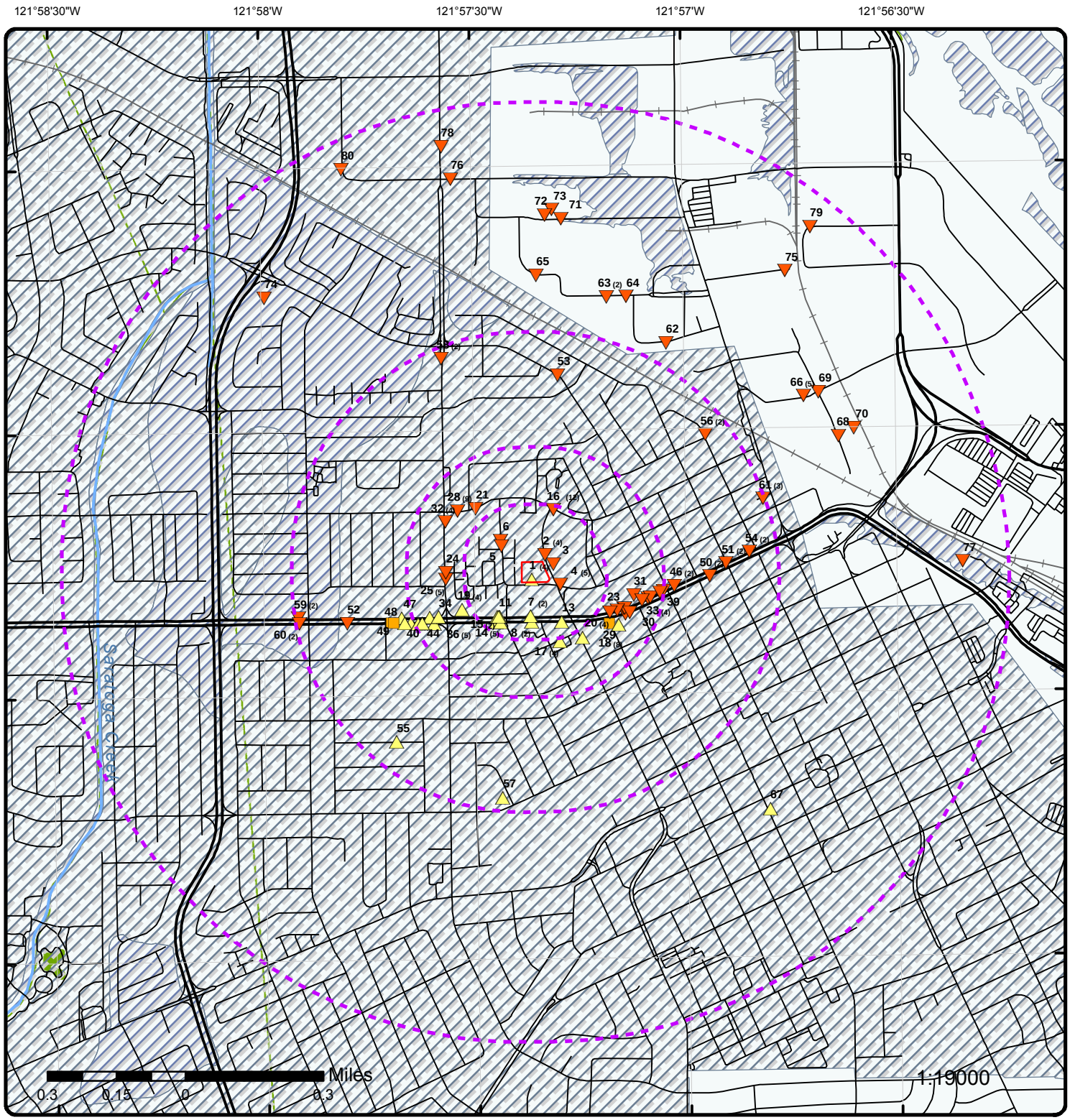
A search of the EMISSIONS database, dated Dec 31, 2019 has found that there are 16 EMISSIONS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
OWEN PROPERTIES	1601 CIVIC CENTER DRIVE SANTA CLARA CA 95050	SSW	0.00 / 0.00	1
K&K OUTDOOR ADVERTISING LLC	1601 CIVIC CENTER DRIVE SANTA CLARA CA 95050	SSW	0.00 / 0.00	1

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
INTERNATIONAL AUTO CENTER INC	1499 LINCOLN ST SANTA CLARA CA 95050	SE	0.14 / 750.80	18
INTERNATIONAL AUTO CENTER, INC	1499 LINCOLN ST SANTA CLARA CA 95050	SE	0.14 / 750.80	18
LA HERRAN FAMILY TRUST C/O ATC	1499 LINCOLN STREET SANTA CLARA CA 95050	SE	0.14 / 750.80	18
INTERNATIONAL AUTO CENTER, INC	1499 LINCOLN STREET SANTA CLARA CA 95050	SE	0.14 / 750.80	18
INTERNATIONAL AUTO CENTER	1499 LINCOLN STREET SANTA CLARA CA 95050	SE	0.14 / 750.80	18
CHAMPION AUTO BODY & REPAIR	1486 JEFFERSON STREET SANTA CLARA CA 95050	ESE	0.16 / 853.05	22
ONE STOP COLLISION CENTER	1486 JEFFERSON STREET SANTA CLARA CA 95050	ESE	0.16 / 853.05	22
PERFORMANCE PETROLEUM INC - 76	2025 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.21 / 1,129.05	37
TARGET STORE T2830	2004 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.23 / 1,234.55	40
TARGET CORPORATION - MERVYN'S	2010 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.24 / 1,280.78	41
MERVYN'S LLC	2010 EL CAMINO REAL SANTA CLARA CA 95050	WSW	0.24 / 1,280.78	41

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNDERWRITERS LABORATORIES, INC	1655 SCOTT BOULEVARD SANTA CLARA CA 95050	W	0.17 / 871.29	25
ARCO FACILITY #02082 - CAPITOL PETROLEUM	1995 WARBURTON AVE SANTA CLARA CA 95050	WNW	0.18 / 938.78	28

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
THE BUGGY HOUSE OF SANTA CLARA	1389 EL CAMINO REAL SANTA CLARA CA 95050	ESE	0.21 / 1,095.21	35



Map: 1.0 Mile Radius

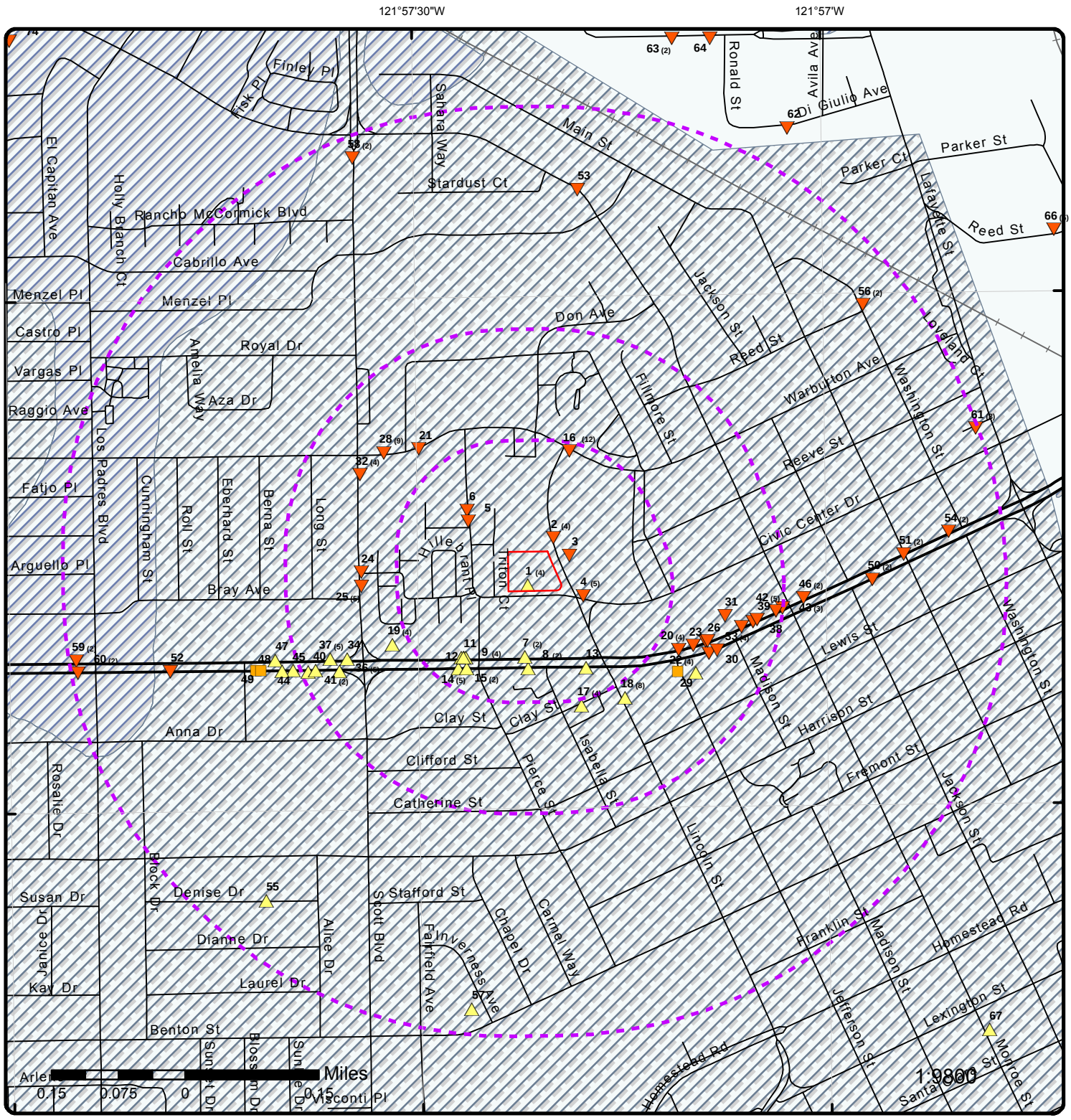
Order Number: 21082700544

Address: 1601 Civic Center Drive, Santa Clara, CA

- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- Historic Fill
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)
- Plume

Source: © 2016 ESRI

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Map: 0.5 Mile Radius

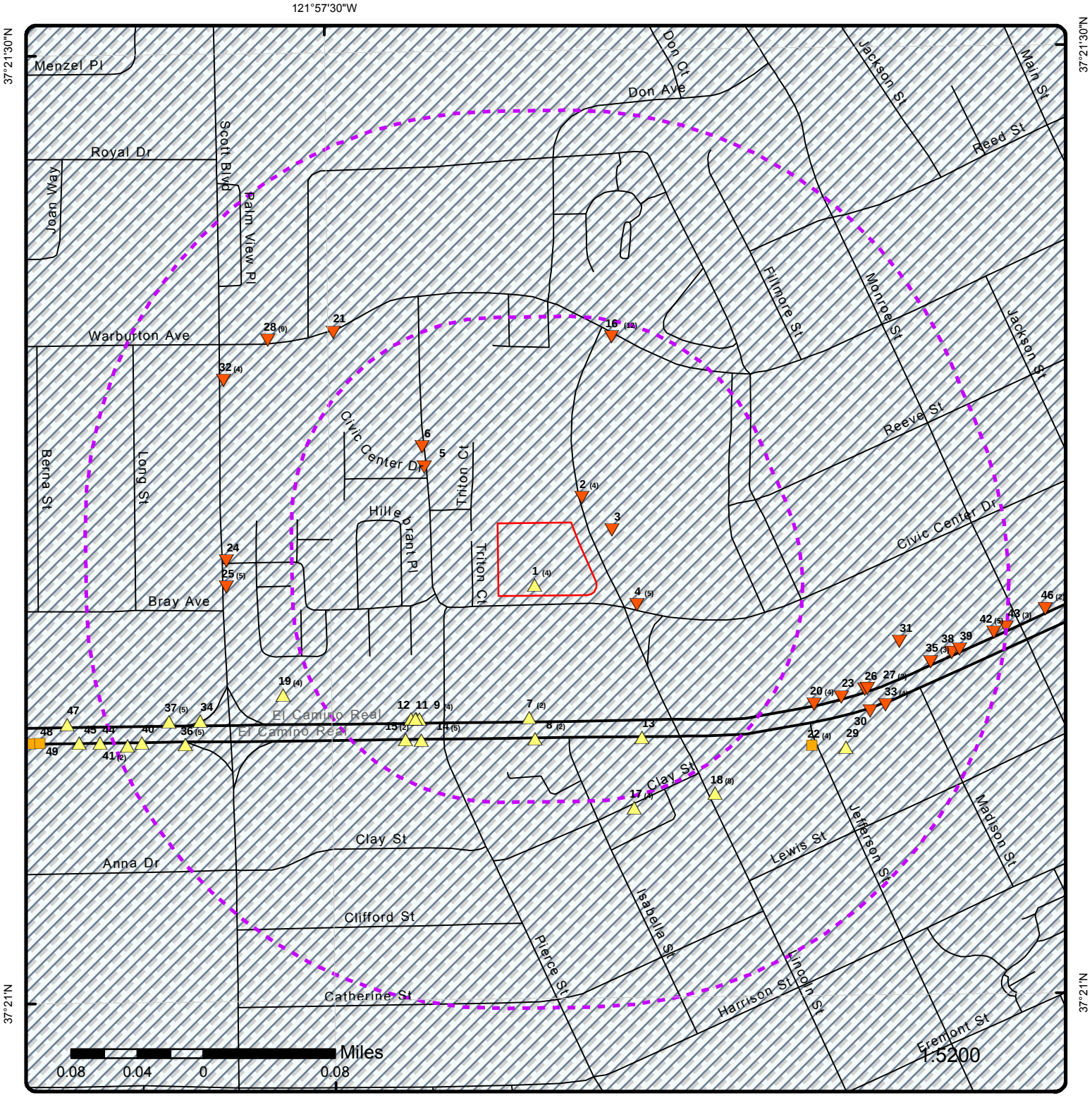
Order Number: 21082700544

Address: 1601 Civic Center Drive, Santa Clara, CA

- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- Historic Fill
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)
- Plume

Source: © 2016 ESRI

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Map: 0.25 Mile Radius

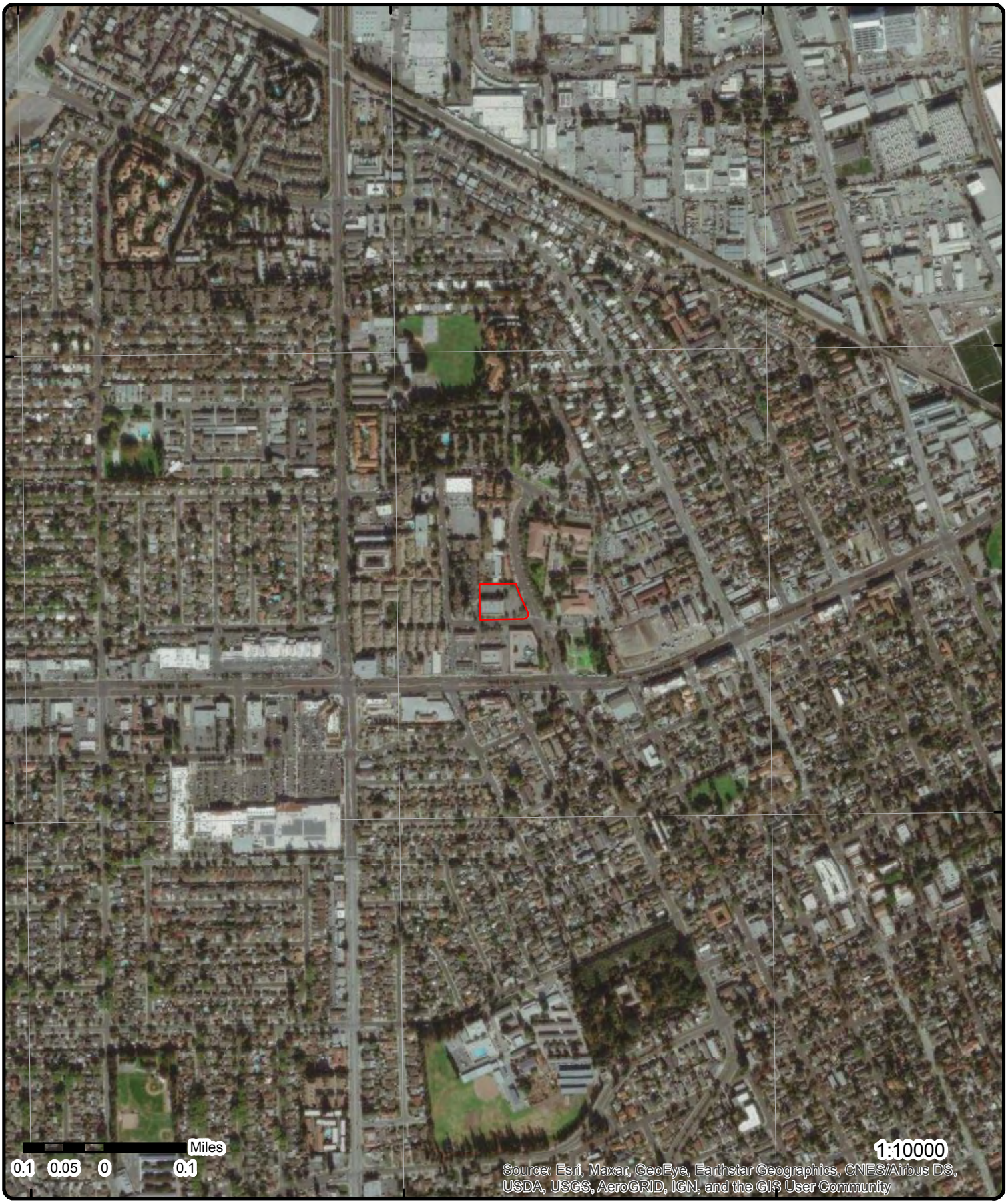
Order Number: 21082700544

Address: 1601 Civic Center Drive, Santa Clara, CA

- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- Historic Fill
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)
- Plume

Source: © 2016 ESRI

© ERIS Information Inc.



Aerial **Year: 2019**

Order Number: 21082700544

Address: 1601 Civic Center Drive, Santa Clara, CA

Source: ESRI World Imagery

© ERIS Information Inc.



Topographic Map

Year: 2015

Order Number: 21082700544

Address: 1601 Civic Center Drive, CA

Quadrangle(s): San Jose West, CA; Milpitas, CA

Source: USGS Topographic Map

© ERIS Information Inc.

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 4	SSW	0.00 / 0.00	76.22 / 1	OWEN PROPERTIES 1601 CIVIC CENTER DRIVE SANTA CLARA CA 95050	FINDS/FRS

Registry ID: 110054209717
FIPS Code: 06085
HUC Code: 18050003
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 03-DEC-12
Update Date: 01-JUN-17
Interest Types: AIR EMISSIONS CLASSIFICATION UNKNOWN
SIC Codes:
SIC Code Descriptions:
NAICS Codes: 531312
NAICS Code Descriptions: NONRESIDENTIAL PROPERTY MANAGERS.
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 15
Census Block Code: 060855052022026
EPA Region Code: 09
County Name: SANTA CLARA
US/Mexico Border Ind:
Latitude: 37.35376
Longitude: -121.95619
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110054209717
Program Acronyms:

EIS:13778411

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of 4	SSW	0.00 / 0.00	76.22 / 1	OLD MISSION CENTER 1601 CIVIC CENTER DR #202 SANTA CLARA CA 95050	FINDS/FRS

Registry ID: 110055769173
FIPS Code: 43
HUC Code: 18050003
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 15-SEP-13
Update Date: 10-OCT-15
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 15
Census Block Code: 060855052022026
EPA Region Code: 09
County Name: SANTA CLARA
US/Mexico Border Ind:
Latitude: 37.35376
Longitude: -121.95619
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110055769173
Program Acronyms:

CA-CERS:10133911, CA-ENVIROVIEW:139817

1	3 of 4	SSW	0.00 / 0.00	76.22 / 1	**OWEN PROPERTIES** **1601 CIVIC CENTER DRIVE** **SANTA CLARA CA 95050**	EMISSIONS

2006 Criteria Data

Facility ID: 17390
Facility SIC Code: 6531
CO: 43
Air Basin: SF
District: BA
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .004
ROGT: .0033468
COT: .01
NOXT: .048
SOXT: .001
PMT: .003
PM10T: .002928

2006 Toxic Data

Facility ID: 17390
Facility SIC Code: 6531
CO: 43
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2007 Criteria Data

Facility ID: 17390
Facility SIC Code: 6531
CO: 43
Air Basin: SF
District: BA
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .004
ROGT: .0033468
COT: .01
NOXT: .048
SOXT: .001
PMT: .003
PM10T: .002928

2007 Toxic Data

Facility ID:	17390	**COID:**	SCL
Facility SIC Code:	6531	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2008 Criteria Data

Facility ID:	17390	**CERR Code:**	
Facility SIC Code:	6531	**TOGT:**	.001
CO:	43	**ROGT:**	.0008367
Air Basin:	SF	**COT:**	.003
District:	BA	**NOXT:**	.015
COID:	SCL	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.001
CHAPIS:		**PM10T:**	.000976

2008 Toxic Data

Facility ID:	17390	**COID:**	SCL
Facility SIC Code:	6531	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	17390	**CERR Code:**	
Facility SIC Code:	6531	**TOGT:**	.001
CO:	43	**ROGT:**	.0008367
Air Basin:	SF	**COT:**	.003
District:	BA	**NOXT:**	.015
COID:	SCL	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.001
CHAPIS:		**PM10T:**	.000976

2009 Toxic Data

Facility ID:	17390	**COID:**	SCL
Facility SIC Code:	6531	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	17390	**COID:**	SCL
Facility SIC Code:	6531	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	

District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2011 Criteria Data

Facility ID:	17390	**CERR Code:**	
Facility SIC Code:	6531	**TOGT:**	.001
CO:	43	**ROGT:**	.0008367
Air Basin:	SF	**COT:**	.003
District:	BA	**NOXT:**	.016
COID:	SCL	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.00102459016393442622950819672131147540 9836
CHAPIS:		**PM10T:**	.001

2011 Toxic Data

Facility ID:	17390	**COID:**	SCL
Facility SIC Code:	6531	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2012 Criteria Data

Facility ID:	17390	**CERR Code:**	
Facility SIC Code:	6531	**TOGT:**	.001
CO:	43	**ROGT:**	.0008367
Air Basin:	SF	**COT:**	.004
District:	BA	**NOXT:**	.019
COID:	SCL	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.00102459016393442622950819672131147540 9836
CHAPIS:		**PM10T:**	.001

2012 Toxic Data

Facility ID:	17390	**COID:**	SCL
Facility SIC Code:	6531	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2013 Criteria Data

Facility ID:	17390	**CERR Code:**	
Facility SIC Code:	6531	**TOGT:**	.001
CO:	43	**ROGT:**	.0008367
Air Basin:	SF	**COT:**	.004
District:	BA	**NOXT:**	.019

COID:	SCL	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	.001
CHAPIS:		***PM10T:***	.001

2013 Toxic Data

Facility ID:	17390	***COID:***	SCL
Facility SIC Code:	6531	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2014 Criteria Data

Facility ID:	17390	***CERR Code:***	
Facility SIC Code:	6531	***TOGT:***	.001394997
CO:	43	***ROGT:***	
Air Basin:	SF	***COT:***	.0042126
District:	BA	***NOXT:***	.019377065
COID:	SCL	***SOXT:***	.000008983
DISN:	BAY AREA AQMD	***PMT:***	.000276731
CHAPIS:		***PM10T:***	.000265662

2014 Toxic Data

Facility ID:	17390	***COID:***	SCL
Facility SIC Code:	6531	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	17390	***CERR Code:***	
Facility SIC Code:	6531	***TOGT:***	.001394997
CO:	43	***ROGT:***	.001358155
Air Basin:	SF	***COT:***	.0042126
District:	BA	***NOXT:***	.01937706
COID:	SCL	***SOXT:***	.000008983
DISN:	BAY AREA AQMD	***PMT:***	.000276731
CHAPIS:		***PM10T:***	.000265662

2015 Toxic Data

Facility ID:	17390	***COID:***	SCL
Facility SIC Code:	6531	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2016 Criteria Data

Facility ID:	17390	***CERR CODE:***	
Facility SIC Code:	6531	***TOGT:***	.001394997
CO:	43	***ROGT:***	.0012255048645
Air Basin:	SF	***COT:***	.0042126
District:	BA	***NOXT:***	.019377065
COID:	SCL	***SOXT:***	.000008983
DISN:	BAY AREA AQMD	***PMT:***	.000276731
CHAPIS:		***PM10T:***	.000265662

2016 Toxic Data

Facility ID:	17390	***TS:***	
Facility SIC Code:	6531	***HRA:***	
CERR CODE:		***CH Index:***	
COID:	SCL	***AH Index:***	
CO:	43	***Air Basin:***	SF
DISN:	BAY AREA AQMD	***District:***	BA
CHAPIS:			

2017 Criteria Data

Facility ID:	17390	***CERR Code:***	
Facility SIC Code:	6531	***TOGT:***	.001394997
CO:	43	***ROGT:***	.0012255048645
Air Basin:	SF	***COT:***	.0042126
District:	BA	***NOXT:***	.019377065
COID:	SCL	***SOXT:***	.000008983
DISN:	BAY AREA AQMD	***PMT:***	.000276731
CHAPIS:		***PM10T:***	.000265662

2017 Toxic Data

Facility ID:	17390	***COID:***	SCL
Facility SIC Code:	6531	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1	***4 of 4***	***SSW***	***0.00 / 0.00***	***76.22 / 1***	***K&K OUTDOOR ADVERTISING LLC*** ***1601 CIVIC CENTER DRIVE*** ***SANTA CLARA CA 95050***	***EMISSIONS***

2018 Criteria Data

Facility ID:	24384	***CERR Code:***	
Facility SIC Code:	6531	***TOGT:***	.001395923
CO:	43	***ROGT:***	.0012263183555
Air Basin:	SF	***COT:***	.004215395
District:	BA	***NOXT:***	.019389923
COID:	SCL	***SOXT:***	.000008989
DISN:	BAY AREA AQMD	***PMT:***	.000276915
CHAPIS:		***PM10T:***	.000265838

2018 Toxic Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID: 24384
Facility SIC Code: 6531
CO: 43
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2019 Criteria Data

CO: 43
Air Basin: SF
Facility ID: 24384
District: BA
Facility SIC Code: 6531
CO ID: SCL
DISN: BAY AREA AQMD
PM10T: .000265838
TOGT: .001395923
PMT: .000276915
CHAPIS:
CERR Code:
ROGT: .0012263183555
COT: .004215395
NOXT: .019389923
SOXT: .000008989

2019 Toxic Data

CO: 43
Air Basin: SF
Faccility ID: 24384
District: BA
Facility SIC Code: 6531
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TS:
Health Risk Asmt:
NonCncrChrnicHazInd:
NonCncrActeHazInd:

2	1 of 4	NE	0.02 / 85.99	71.06 / -4	CITY OF SANTA CLARA - COURTHOUSE 1675 LINCOLN AVE SANTA CLARA CA 950500000	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAC001415128
Create Date: 4/9/1998
Fac Act Ind: No
Inact Date: 10/25/2000
County Code: 43
County Name: Santa Clara
Mail Name: ENG DEPT
Mailing Addr 1: 1500 WARBURTON AVE
Mailing Addr 2:
Owner Fax:
Mailing City: SANTA CLARA
Mailing State: CA
Mailing Zip: 950500000
Region Code: 2
Owner Name: CITY OF SANTA CLARA
Owner Addr 1: 1675 LINCOLN AVE
Owner Addr 2:
Owner City: SANTA CLARA
Owner State: CA
Owner Zip: 950500000
Owner Phone: 0000000000

Contact Information
-- --
Contact Name: JIM PARISSENTI
Street Address 1: 1500 WARBURTON AVE
Street Address 2:
City: SANTA CLARA
State: CA
Zip: 950500000
Phone: 4082615177
-- --
-- --
Tanner Information
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Generator EPA ID:	CAC001415128
Generator County Code:	43
Generator County:	Santa Clara
TSD EPA ID:	CAD981382732
TSD County Code:	01
TSD County:	Alameda
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	68.2668
Year:	1998
--	--
Generator EPA ID:	CAC001415128
Generator County Code:	43
Generator County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.11
Year:	1999
--	--
Generator EPA ID:	CAC001415128
Generator County Code:	43
Generator County:	Santa Clara
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H01
Method Description:	Transfer station
Tons:	0.3
Year:	1998
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	2 of 4	NE	0.02 / 85.99	71.06 / -4	CITY OF SANTA CLARA 1675 LINCOLN ST SANTA CLARA CA 95050	FINDS/FRS

Registry ID:	110066194219
FIPS Code:	
HUC Code:	18050003
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	14-OCT-15
Update Date:	
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	FRS-GEOCODE
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	15
Census Block Code:	060855052022021
EPA Region Code:	09
County Name:	SANTA CLARA
US/Mexico Border Ind:	
Latitude:	37.354304

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Longitude: -121.955537
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110066194219
Program Acronyms:

CA-ENVIROVIEW:106330

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	3 of 4	NE	0.02 / 85.99	71.06 / -4	City of Santa Clara 1675 LINCOLN ST. SANTA CLARA CA 95050	DELISTED HAZ

Siteid: 106330
Latitude: 37.354416
Longitude: -121.955390
Original Source: CHAZ
Record Date: 04-JAN-2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	4 of 4	NE	0.02 / 85.99	71.06 / -4	City of Santa Clara 1675 LINCOLN ST. SANTA CLARA CA 95050	DELISTED CTNK

Site ID: 554863
Latitude: 37.354416
County:
Longitude: -121.955390
Tank Type:
Original Source: CTNK
Record Date: 19-AUG-2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	1 of 1	ENE	0.02 / 113.41	72.42 / -3	APPLIED MATERIALS, INC., CORONADO 3111 CORONADO DRIVE #15, MS1501 SANTA CLARA CA 95054	ENVIROSTOR

Estor/EPA ID: 71003346
Assembly District:
Site Code:
Senate District:
Nat Priority List: NO
Permit Renewal Lead:
APN: NONE SPECIFIED
Public Partici Spclst:
Census Tract: 6085505202
Project Manager:
Site Type: TIERED PERMIT
County: SANTA CLARA
Address Description: 3111 CORONADO DRIVE #15, MS1501
Latitude: 37.3541079
Office: CLEANUP BERKELEY
Longitude: -121.9552356
Special Program:
Acres: NONE SPECIFIED
Funding:
Supervisor:
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: INACTIVE - NEEDS EVALUATION
A2 Program Type: TIERED PERMIT
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003346

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of 5	ESE	0.03 / 140.55	72.18 / -3	Santa Clara Police Station 1541 Civic Center Dr Santa Clara CA	LOP SANTACLARA

SCVWD ID: 07S1W03G05f
Closure Date: 4/23/2004
Link: http://lustop.sccgov.org/files/07S1W03G05f/

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	2 of 5	ESE	0.03 / 140.55	72.18 / -3	SANTA CLARA POLICE STATION 1541 CIVIC CENTER DR SANTA CLARA CA 95050	LUST

Global ID: T0608501198
Status: COMPLETED - CASE CLOSED
Status Date: 4/23/2004
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: SANTA CLARA
Latitude: 37.3557459523581
Longitude: -121.9562458992

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 5/24/1989
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: NO
Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 76-80%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date : 6/3/2005
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 6/3/2005
Action: Other Report

Action Type: RESPONSE
Date : 4/23/1992
Action: Request for Closure

Action Type: ENFORCEMENT
Date : 4/23/1992
Action: Notice of Responsibility - #39713

Action Type: RESPONSE
Date : 1/1/1990
Action: Correspondence

Action Type: Other
Date : 8/11/1989
Action: Leak Reported

Action Type: RESPONSE
Date : 8/11/1989
Action: Tank Removal Report / UST Sampling Report

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 4/23/2004

Status: Open - Case Begin Date
Status Date: 5/24/1989

Status: Open - Site Assessment
Status Date: 5/24/1989

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: SANTA CLARA POLICE STATION
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 1541 CIVIC CENTER DR
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608501198
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 4/23/2004
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608501198&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03G05f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 4/23/2004

Status: Open - Case Begin Date
Date : 5/24/1989

Status: Open - Site Assessment
Date : 5/24/1989

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Reports
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501198&enforcement_id=6324316&temptable=ENFORCEMENT
Title Description Comments:

Map & Metroscan Information 06/03/2005

Action Type: Response Requested - Other
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501198&doc_id=5927425
Title Description Comments:

Phone Log 06/03/2005

Action Type: Response Requested - Other
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501198&doc_id=5927426
Title Description Comments:

State Information 06/03/2005

Action Type: Response Requested - Other
Action Date: 4/23/1992
Received Issue Date: 4/23/1992
Action: Request for Closure
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501198&doc_id=5927427
Title Description Comments:

Request For Closure 04/23/1992

Action Type: Notices
Action Date: 4/23/1992
Received Issue Date: 4/23/1992
Action: Notice of Responsibility - #39713
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 1/1/1990
Received Issue Date: 1/1/1990
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501198&doc_id=5927424
Title Description Comments:

Correspondence 1990

Action Type: Response Requested - Reports
Action Date: 8/11/1989
Received Issue Date: 8/11/1989
Action: Tank Removal Report / UST Sampling Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501198&doc_id=5927428
Title Description Comments:

Tank Removal Report 08/11/1989 - 08/09/2002

Action Type: Leak Action
Action Date: 8/11/1989
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents **Size :** 1,310 KB
Document Date: 10/4/2007 **Submitted By:** CYNTHIA MANA-AY (REGULATOR)
Type: LETTER **Submitted:**
Title: CLOSURE LETTER & SITE CLOSURE SUMMARY
Title Link: https://geotracker.waterboards.ca.gov/site_documents/5898457169/CLOS%5FL%5F2004%2D04%2D23%2Epdf

Document Type: Site Documents **Size :**
Document Date: 6/3/2005 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: PHONE LOG 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501198&document_id=5927425

Document Type: Site Documents **Size :**
Document Date: 6/3/2005 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: STATE INFORMATION 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501198&document_id=5927426

Document Type: Site Documents **Size :**
Document Date: 6/3/2005 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT **Submitted:**
Title: MAP & METROSCAN INFORMATION 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501198&enforcement_id=6324316

Document Type: Site Documents **Size :**
Document Date: 4/23/1992 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: REQUEST FOR CLOSURE **Submitted:**
Title: REQUEST FOR CLOSURE 04/23/1992
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501198&document_id=5927427

Document Type: Site Documents **Size :**
Document Date: 1/1/1990 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: CORRESPONDENCE 1990
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501198&document_id=5927424

Document Type: Site Documents **Size :**
Document Date: 8/11/1989 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: TANK REMOVAL REPORT / UST SAMPLING REPORT **Submitted:**
Title: TANK REMOVAL REPORT 08/11/1989 - 08/09/2002
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501198&document_id=5927428

4	3 of 5	ESE	0.03 / 140.55	72.18 / -3	POLICE DEPT 1541 CIVIC CENTER DRIVE SANTA CLARA CA 95050	HHSS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

County: Santa Clara
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002d171.pdf

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4 **4 of 5** **ESE** **0.03 / 140.55** **72.18 / -3**

POLICE DEPT
1541 CIVIC CENTER DRIVE
SANTA CLARA CA

HIST TANK

Owner Name:	CITY OF SANTA CLARA	**No of Containers:**	3
Owner Street:	1500 WARBURTON AVE	**County:**	SANTA CLARA
Owner City:	SANTA CLARA	**Facility State:**	CA
Owner State:	CA	**Facility Zip:**	95050
Owner Zip:	95050		

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4 **5 of 5** **ESE** **0.03 / 140.55** **72.18 / -3**

SANTA CLARA POLICE DEPARTMENT
1541 CIVIC CENTER DRIVE
SANTA CLARA CA

UST SWEEPS

C C:	A43-010-91152	**D Filename:**	SITE03A
BOE:		**Page No:**	83
Comp:	91152	**County:**	SANTA CLARA
Status:	ACTIVE	**State :**	CA
No of Tanks:	3	**Zip:**	95050
Jurisdict:	CITY OF SANTA CLARA	**Latitude:**	37.353242
Agency:	FIRE DEPARTMENT	**Longitude:**	-121.954798
Phone:		**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000002	**S Contain:**	
O Tank ID:	91152T002	**Stg:**	P
SWRCB No:	43-010-091152-000002	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:	06-10-93	**Content:**	REG UNLEADED
Capac:	2000	**ONA:**	MANOJ KUMAR
Tank Use:	M.V. FUEL	**D File Name:**	TANK3A

Tank Details

Tank ID:	000003	**S Contain:**	
O Tank ID:	91152T003	**Stg:**	P
SWRCB No:	43-010-091152-000003	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:	06-10-93	**Content:**	REG UNLEADED
Capac:	4000	**ONA:**	MANOJ KUMAR
Tank Use:	M.V. FUEL	**D File Name:**	TANK3A

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:	91152T001	**Stg:**	P
SWRCB No:	43-010-091152-000001	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:	01-08-91	**Content:**	REG UNLEADED
Capac:	12000	**ONA:**	MANOJ KUMAR
Tank Use:	M.V. FUEL	**D File Name:**	TANK3A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	1 of 1	WNW	0.06 / 294.69	73.58 / -2	DESPINA SAHOURIA 1700 CIVIC CENTER BOULEVARD SANTA CLARA CA 95050	RCRA NON GEN

EPA Handler ID: CAC003094570
Gen Status Universe: No Report
Contact Name: DESPINA SAHOURIA
Contact Address: 1700 CIVIC CENTER BOULEVARD , , SANTA CLARA , CA, 95050 ,
Contact Phone No and Ext: 650-307-0837
Contact Email: DESPINA.I.S@GMAIL.COM
Contact Country:
County Name: SANTA CLARA
EPA Region: 09
Land Type:
Receive Date: 20201125
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20201125
Handler Name: DESPINA SAHOURIA
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: DESPINA SAHOURIA
Date Became Current:
Date Ended Current:
Phone: 650-307-0837
Source Type: Implementer
Street No:
Street 1: 1700 CIVIC CENTER BOULEVARD
Street 2:
City: SANTA CLARA
State: CA
Country:
Zip Code: 95050

Owner/Operator Ind: Current Operator
Type: Other
Name: DESPINA SAHOURIA
Date Became Current:
Street No:
Street 1: 1700 CIVIC CENTER BOULEVARD
Street 2:
City: SANTA CLARA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Ended Current:		**State:**	CA	
Phone:	650-307-0837	**Country:**		
Source Type:	Implementer	**Zip Code:**	95050	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	1 of 1	NW	0.06 / 342.81	73.15 / -2	DESPINA SAHOURIA 1700 CIVIC CENTER DR SANTA CLARA CA 95050	RCRA NON GEN

EPA Handler ID:	CAC003095446
Gen Status Universe:	No Report
Contact Name:	DESPINA SAHOURIA
Contact Address:	1700 CIVIC CENTER DR , , SANTA CLARA , CA, 95050 ,
Contact Phone No and Ext:	650-307-0837
Contact Email:	DESPINA.I.S@GMAIL.COM
Contact Country:	
County Name:	SANTA CLARA
EPA Region:	09
Land Type:	
Receive Date:	20201202
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20201202
Handler Name:	DESPINA SAHOURIA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1700 CIVIC CENTER DR
Name:	DESPINA SAHOURIA	**Street 2:**	
Date Became Current:		**City:**	SANTA CLARA
Date Ended Current:		**State:**	CA
Phone:	650-307-0837	**Country:**	
Source Type:	Implementer	**Zip Code:**	95050

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1700 CIVIC CENTER DR
Name:	DESPINA SAHOURIA	**Street 2:**	
Date Became Current:		**City:**	SANTA CLARA
Date Ended Current:		**State:**	CA
Phone:	650-307-0837	**Country:**	
Source Type:	Implementer	**Zip Code:**	95050

7	1 of 2	S	0.07 / 389.93	77.11 / 2	**Sherwin-Williams #8686** **1717 EL CAMINO REAL** **SANTA CLARA CA 95050**	CERS HAZ

Site ID:	67379
Latitude:	37.352955
Longitude:	-121.956177
County:	

Regulated Programs

EI ID:	10484239	**EI Description:**	Chemical Storage Facilities
EI ID:	10484239	**EI Description:**	Hazardous Waste Generator

Affiliations

Affil Type Desc:	Document Preparer
Entity Name:	Yenny Khuu
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	
Address:	2125 Oak Grove Road Suite 325
City:	Walnut Creek
State:	CA
Country:	
Zip Code:	94598
Phone:	

Affil Type Desc:	Identification Signer
Entity Name:	Yenny Khuu
Entity Title:	Area EHS Manager
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	CUPA District
Entity Name:	Santa Clara City Fire Dept
Entity Title:	
Address:	1675 Lincoln Street
City:	Santa Clara
State:	CA
Country:	
Zip Code:	95050
Phone:	(408) 615-4970

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Affil Type Desc: Operator
Entity Name: Sherwin-Williams #8686
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (408) 244-2352

Affil Type Desc: Environmental Contact
Entity Name: Yenny Khuu
Entity Title:
Address: 2100 W. Orangewood Ave Ste.100
City: Orange
State: CA
Country:
Zip Code: 92868
Phone:

Affil Type Desc: Parent Corporation
Entity Name: Sherwin-Williams Company
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: The Sherwin-Williams Co.
Entity Title:
Address: 101 W Prospect Avenue, 1000 Midland Building
City: Cleveland
State: OH
Country: United States
Zip Code: 44115
Phone: (216) 566-1710

Affil Type Desc: Property Owner
Entity Name: C/O VENTANA PROPERTY SERVICES, INC
Entity Title:
Address: 975 HIGH STREET
City: PALO ALTO
State: CA
Country: United States
Zip Code: 94301
Phone: (650) 847-2000

Coordinates

Env Int Type Code: HWG
Program ID: 10484239
Latitude: 37.352480
Longitude: -121.956160
Coord Name:
Ref Point Type Desc: Center of a facility or station.

7	2 of 2	S	0.07 / 389.93	77.11 / 2	SHERWIN WILLIAMS #8686 1717 EL CAMINO REAL SANTA CLARA CA 95050	RCRA NON GEN

EPA Handler ID: CAL000391786
Gen Status Universe: No Report
Contact Name: CAROL F. DOE
Contact Address: 101 PROSPECT AVE NW , 1000 MIDLAND BUILDING , CLEVELAND , OH, 44115 ,
Contact Phone No and Ext: 216-566-1710
Contact Email: CAROL.F.DOE@SHERWIN.COM
Contact Country:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

County Name: SANTA CLARA
EPA Region: 09
Land Type:
Receive Date: 20131205
Location Latitude: 37.352961
Location Longitude: -121.956192

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20131205
Handler Name: SHERWIN WILLIAMS #8686
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: THE SHERWIN WILLIAMS COMPANY
Date Became Current:
Date Ended Current:
Phone: 216-566-1710
Source Type: Implementer
Street No:
Street 1: 101 W PROSPECT AVE
Street 2: 1000 MIDLAND BUILDING
City: CLEVELAND
State: OH
Country:
Zip Code: 44115-1027

Owner/Operator Ind: Current Operator
Type: Other
Name: CAROL F. DOE
Date Became Current:
Date Ended Current:
Phone: 216-566-1710
Source Type: Implementer
Street No:
Street 1: 101 PROSPECT AVE NW
Street 2: 1000 MIDLAND BUILDING
City: CLEVELAND
State: OH
Country:
Zip Code: 44115

8	1 of 2	S	0.09 / 457.32	77.27 / 2	Jones' Automotive Shop (Site1) 1702 El Camino Real Santa Clara CA	LOP SANTACLARA

SCVWD ID: 07S1W03K02f
Closure Date: 6/10/2003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Link:		http://lustop.sccgov.org/files/07S1W03K02f/				
8	2 of 2	S	0.09 / 457.32	77.27 / 2	JONES' AUTOMOTIVE SHOP (SITE1) 1702 EL CAMINO REAL SANTA CLARA CA 95050	LUST

Global ID: T0608500640
Status: COMPLETED - CASE CLOSED
Status Date: 6/10/2003
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download

County: SANTA CLARA
Latitude: 37.3520275760309
Longitude: -121.956031322479

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 1/6/1992
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: YES

Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 21-25%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date : 6/3/2005
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 6/3/2005
Action: Other Report

Action Type: RESPONSE
Date : 6/4/2003
Action: Well Destruction Report

Action Type: RESPONSE
Date : 7/21/2000
Action: Tank Removal Report / UST Sampling Report

Action Type: RESPONSE
Date : 7/8/1999
Action: Other Report / Document

Action Type: RESPONSE
Date : 5/10/1999
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 4/8/1999
Action: Staff Letter - #23098

Action Type: RESPONSE
Date : 9/11/1997
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 9/9/1997
Action: Staff Letter - #23328

Action Type: RESPONSE
Date : 11/16/1996
Action: Other Report / Document

Action Type: RESPONSE
Date : 4/25/1996
Action: CAP/RAP - Other Report

Action Type: RESPONSE
Date : 2/12/1996
Action: Other Report / Document

Action Type: RESPONSE
Date : 11/10/1995
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 6/9/1995
Action: Interim Remedial Action Report

Action Type: RESPONSE
Date : 2/17/1995
Action: Other Workplan

Action Type: ENFORCEMENT
Date : 5/19/1993
Action: Notice of Responsibility - #39604

Action Type: RESPONSE
Date : 4/1/1992
Action: Unauthorized Release Form

Action Type: Other
Date : 4/1/1992
Action: Leak Reported

Action Type: RESPONSE
Date : 2/19/1992
Action: Preliminary Site Assessment Report

Action Type: RESPONSE
Date : 1/1/1991
Action: Correspondence

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 6/10/2003

Status: Open - Case Begin Date

Status Date: 1/6/1992

Status: Open - Site Assessment
Status Date: 1/6/1992

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	JONES' AUTOMOTIVE SHOP (SITE1)	***Potential COC:***	GASOLINE
Site Facility Type:	LUST CLEANUP SITE	***Facility Type:***	
Cleanup Status:	COMPLETED - CASE CLOSED	***Composting Method:***	
Project Status:		***Address:***	1702 EL CAMINO REAL
WDR Place Type:		***City:***	SANTA CLARA
WDR File:		***Zip:***	95050
WDR Order:		***County:***	SANTA CLARA
CUF Priority Assig:	B	***CUF Claim:***	8337
CUF Amount Paid:	$145,634		

File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608500640
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 6/10/2003
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608500640&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03K02f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 6/10/2003

Status: Open - Site Assessment
Date : 1/6/1992

Status: Open - Case Begin Date
Date : 1/6/1992

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Reports
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&enforcement_id=6324319&temptable=ENFORCEMENT
Title Description Comments:

Map & Metroscan Information 06/03/2005

Action Type: Response Requested - Other

Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500640&doc_id=5927435
Title Description Comments:

Phone Log 06/03/2005

Action Type: Response Requested - Other
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500640&doc_id=5927436
Title Description Comments:

State Information 06/03/2005

Action Type: Response Requested - Reports
Action Date: 6/4/2003
Received Issue Date: 6/4/2003
Action: Well Destruction Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500640&doc_id=5927442
Title Description Comments:

Well Abandonment/Destruction 06/04/2003

Action Type: Response Requested - Reports
Action Date: 7/21/2000
Received Issue Date: 7/21/2000
Action: Tank Removal Report / UST Sampling Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500640&doc_id=5927440
Title Description Comments:

Tank Removal Report 07/21/2000

Action Type: Response Requested - Other
Action Date: 5/10/1999
Received Issue Date: 5/10/1999
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500640&doc_id=5927439
Title Description Comments:

Status Report 05/10/1999

Action Type: Other Regulatory Actions
Action Date: 4/8/1999
Received Issue Date: 4/8/1999
Action: Staff Letter - #23098
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 9/11/1997
Received Issue Date: 9/11/1997
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 9/9/1997
Received Issue Date: 9/9/1997

Action: Staff Letter - #23328
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 11/16/1996
Received Issue Date: 11/16/1996
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500640&doc_id=5927438
Title Description Comments:

Risk Based Corrective Action 11/16/1996

Action Type: Response Requested - Reports
Action Date: 4/25/1996
Received Issue Date: 4/25/1996
Action: CAP/RAP - Other Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500640&doc_id=5927431
Title Description Comments:

Corrective Action Plan 04/25/1996

Action Type: Response Requested - Other
Action Date: 2/12/1996
Received Issue Date: 2/12/1996
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500640&doc_id=5927430
Title Description Comments:

Addendum 02/12/1996

Action Type: Response Requested - Reports
Action Date: 11/10/1995
Received Issue Date: 11/10/1995
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500640&doc_id=5927433
Title Description Comments:

GW Monitoring Report 11/10/1995 - 01/15/2002

Action Type: Response Requested - Reports
Action Date: 6/9/1995
Received Issue Date: 6/9/1995
Action: Interim Remedial Action Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500640&doc_id=5927434
Title Description Comments:

Interim Remedial Results 06/09/1995

Action Type: Response Requested - Workplans
Action Date: 2/17/1995
Received Issue Date: 2/17/1995
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500640&doc_id=5927443
Title Description Comments:

Work Plan 02/17/1995 - 08/30/1995

Action Type: Notices
Action Date: 5/19/1993
Received Issue Date: 5/19/1993
Action: Notice of Responsibility - #39604
Doc Link:

Title Description Comments:

Action Type: Response Requested - Other
Action Date: 4/1/1992
Received Issue Date: 4/1/1992
Action: Unauthorized Release Form
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500640&doc_id=5927441
Title Description Comments:

Unauthorized Release Form 04/01/1992

Action Type: Response Requested - Reports
Action Date: 2/19/1992
Received Issue Date: 2/19/1992
Action: Preliminary Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500640&doc_id=5927437
Title Description Comments:

Preliminary Site Assessment Report 02/19/1992 - 03/10/1992

Action Type: Response Requested - Other
Action Date: 1/1/1991
Received Issue Date: 1/1/1991
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500640&doc_id=5927432
Title Description Comments:

Correspondence 1991

Action Type: Leak Action
Action Date: 4/1/1992
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 7/8/1999
Received Issue Date:
Action: Other Report / Document
Doc Link:
Title Description Comments:

Additional Information Report

LUST Sites from GeoTracker Search - Site Maps (as of May 29, 2021)

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/3587796866/T0608500640.pdf
Size : 60 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted: 2/4/2002

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 10/4/2007
Type: LETTER
Title: CLOSURE LETTER & SITE CLOSURE SUMMARY
Title Link: https://geotracker.waterboards.ca.gov/site_documents/9777592301/CLOS%5FL%5F2003%2D06%2D10%2Epdf
Size : 1,027 KB
Submitted By: CYNTHIA MANA-AY (REGULATOR)
Submitted:

Document Type: Site Documents
Size :

Document Date: 6/3/2005 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: PHONE LOG 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&document_id=5927435

Document Type: Site Documents **Size :**
Document Date: 6/3/2005 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: STATE INFORMATION 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&document_id=5927436

Document Type: Site Documents **Size :**
Document Date: 6/3/2005 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT **Submitted:**
Title: MAP & METROSCAN INFORMATION 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&enforcement_id=6324319

Document Type: Site Documents **Size :**
Document Date: 6/4/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: WELL DESTRUCTION REPORT **Submitted:**
Title: WELL ABANDONMENT/DESTRUCTION 06/04/2003
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&document_id=5927442

Document Type: Site Documents **Size :**
Document Date: 7/21/2000 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: TANK REMOVAL REPORT / UST SAMPLING REPORT **Submitted:**
Title: TANK REMOVAL REPORT 07/21/2000
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&document_id=5927440

Document Type: Site Documents **Size :**
Document Date: 5/10/1999 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: STATUS REPORT 05/10/1999
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&document_id=5927439

Document Type: Site Documents **Size :**
Document Date: 11/16/1996 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: RISK BASED CORRECTIVE ACTION 11/16/1996
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&document_id=5927438

Document Type: Site Documents **Size :**
Document Date: 4/25/1996 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: CAP/RAP - OTHER REPORT **Submitted:**
Title: CORRECTIVE ACTION PLAN 04/25/1996
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&document_id=5927431

Document Type: Site Documents **Size :**
Document Date: 2/12/1996 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: ADDENDUM 02/12/1996
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&document_id=5927430

Document Type: Monitoring Reports **Size :** 2,055 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1999%2D10%2D15%2Epdf

Document Type: Monitoring Reports **Size :** 1,114 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1995%2D11%2D10%2Epdf

Document Type: Monitoring Reports **Size :** 1,583 KB

Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1996%2D09%2D24%2Epdf

Document Type: Monitoring Reports **Size :** 2,082 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F2000%2D11%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 1,803 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1997%2D07%2D07%2Epdf

Document Type: Monitoring Reports **Size :** 1,355 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1998%2D07%2D15%2Epdf

Document Type: Monitoring Reports **Size :** 877 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1996%2D01%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 1,223 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1997%2D04%2D21%2Epdf

Document Type: Monitoring Reports **Size :** 1,872 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1998%2D10%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 1,184 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1997%2D01%2D03%2Epdf

Document Type: Monitoring Reports **Size :** 1,438 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1996%2D06%2D07%2Epdf

Document Type: Monitoring Reports **Size :** 1,351 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1997%2D09%2D09%2Epdf

Document Type: Monitoring Reports **Size :** 1,324 KB

Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1996%2D03%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 1,888 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F2002%2D01%2D15%2Epdf

Document Type: Monitoring Reports **Size :** 2,610 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1999%2D02%2D18%2Epdf

Document Type: Monitoring Reports **Size :** 3,282 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1999%2D02%2D05%2Epdf

Document Type: Monitoring Reports **Size :** 1,376 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1998%2D02%2D24%2Epdf

Document Type: Monitoring Reports **Size :** 2,592 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F2000%2D10%2D10%2Epdf

Document Type: Monitoring Reports **Size :** 1,264 KB
Document Date: 11/10/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 11/10/1995 - 01/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1836699545/GWM%5FR%5F1999%2D09%2D30%2Epdf

Document Type: Site Documents **Size :**
Document Date: 6/9/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: INTERIM REMEDIAL ACTION REPORT **Submitted:**
Title: INTERIM REMEDIAL RESULTS 06/09/1995
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&document_id=5927434

Document Type: Site Documents **Size :**
Document Date: 2/17/1995 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORK PLAN 02/17/1995 - 08/30/1995
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&document_id=5927443

Document Type: Site Documents **Size :**
Document Date: 4/1/1992 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: UNAUTHORIZED RELEASE FORM **Submitted:**
Title: UNAUTHORIZED RELEASE FORM 04/01/1992
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&document_id=5927441

Document Type: Site Documents **Size :**
Document Date: 2/19/1992 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: PRELIMINARY SITE ASSESSMENT REPORT **Submitted:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title: PRELIMINARY SITE ASSESSMENT REPORT 02/19/1992 - 03/10/1992
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&document_id=5927437

Document Type: Site Documents
Size :
Document Date: 1/1/1991
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Type: CORRESPONDENCE
Submitted:
Title: CORRESPONDENCE 1991
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500640&document_id=5927432

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	1 of 4	SW	0.09 / 467.31	77.71 / 2	ACC U TUNE & BRAKE 1805 EL CAMINO REAL SANTA CLARA CA 95051	RCRA NON GEN

EPA Handler ID: CAD982483554
Gen Status Universe: No Report
Contact Name: PAMELA L COLWELL
Contact Address: 1805 EL CAMINO REAL , , SANTA CLARA , CA, 95051 , US
Contact Phone No and Ext: 415-968-8863
Contact Email:
Contact Country: US
County Name: SANTA CLARA
EPA Region: 09
Land Type: Private
Receive Date: 19931122
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19931122
Handler Name: ACC U TUNE & BRAKE
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Street No:
Type: Private
Street 1: NOT REQUIRED

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	NOT REQUIRED	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	ME
Phone:	415-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	2510 OLD MIDDLEFIELD WY
Name:	AHRON BOGOMILSKY	**Street 2:**	
Date Became Current:		**City:**	MOUNTAIN VIEW
Date Ended Current:		**State:**	CA
Phone:	415-968-8863	**Country:**	
Source Type:	Notification	**Zip Code:**	94043

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	2 of 4	SW	0.09 / 467.31	77.71 / 2	**Bassi Corp (DBA) Precision Tune Auto Care** **1805 EL CAMINO REAL** **SANTA CLARA CA 95050**	CERS HAZ

Site ID:	97523
Latitude:	37.352764
Longitude:	-121.957380
County:	

Regulated Programs

EI ID:	10087735	**EI Description:**	Chemical Storage Facilities
EI ID:	10087735	**EI Description:**	Hazardous Waste Generator

Affiliations

Affil Type Desc:	CUPA District
Entity Name:	Santa Clara City Fire Dept
Entity Title:	
Address:	1675 Lincoln Street
City:	Santa Clara
State:	CA
Country:	
Zip Code:	95050
Phone:	(408) 615-4970
Affil Type Desc:	Identification Signer
Entity Name:	Kuldip Singh
Entity Title:	President
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Legal Owner
Entity Name:	Kuldip Singh
Entity Title:	
Address:	
City:	Fremont
State:	CA
Country:	United States
Zip Code:	94538
Phone:	(510) 385-6947
Affil Type Desc:	Operator
Entity Name:	Kuldip Singh
Entity Title:	
Address:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City:
State:
Country:
Zip Code:
Phone: (408) 246-9554

Affil Type Desc: Parent Corporation
Entity Name: Bassi Corp (DBA) Precision Tune Auto Care
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: Kuldip Singh
Entity Title:
Address: 3711 Savannah Road
City: Fremont
State: CA
Country:
Zip Code: 94538
Phone:

Coordinates

Env Int Type Code: HWG
Program ID: 10087735
Latitude: 37.352764
Longitude: -121.957382
Coord Name:
Ref Point Type Desc: Unknown

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	3 of 4	SW	0.09 / 467.31	77.71 / 2	ACC-U-TUNE & BRAKE OF SC 1805 EL CAMINO REAL SANTA CLARA CA 95050	CUPA SANTACLARA

Facility ID: FA0211600
GIS Latitude: 37.352513
GIS Longitude: -121.957478

Details

Record ID: PR0317960
PE: 2205
Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	4 of 4	SW	0.09 / 467.31	77.71 / 2	BASSI CORP DBA PRECISION TUNE AUTO CARE 1805 EL CAMINO REAL SANTA CLARA CA 95050-0000	RCRA NON GEN

EPA Handler ID: CAL000284203
Gen Status Universe: No Report
Contact Name: SANTOKH BASSI
Contact Address: 1805 EL CAMINO REAL , , SANTA CLARA , CA, 95050 ,
Contact Phone No and Ext: 510-385-6947
Contact Email: BASSI4@YAHOO.COM
Contact Country:
County Name: SANTA CLARA
EPA Region: 09
Land Type:
Receive Date: 20040708
Location Latitude: 37.35279
Location Longitude: -121.95747

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20040708
Handler Name:	BASSI CORP DBA PRECISION TUNE AUTO CARE
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	3711 SAVANNAH RD
Name:	SANTOK SINGH BASSI	***Street 2:***	
Date Became Current:		***City:***	FREMONT
Date Ended Current:		***State:***	CA
Phone:	510-385-6947	***Country:***	
Source Type:	Implementer	***Zip Code:***	94538-0000
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1805 EL CAMINO REAL
Name:	SANTOKH BASSI	***Street 2:***	
Date Became Current:		***City:***	SANTA CLARA
Date Ended Current:		***State:***	CA
Phone:	510-385-6947	***Country:***	
Source Type:	Implementer	***Zip Code:***	95050

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	1 of 2	SW	0.09 / 472.17	77.70 / 2	Bruno's Automotive 1815 EL CAMINO REAL SANTA CLARA CA 95050	CERS HAZ

Site ID:	13791
Latitude:	37.352517
Longitude:	-121.957410
County:	

Regulated Programs

EI ID: 10088131 ***EI Description:*** Chemical Storage Facilities

EI ID: 10088131 ***EI Description:*** Hazardous Waste Generator

Violations

Violation Date: 05/23/2014 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Notes:

Returned to compliance on 07/23/2014.

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.

Violations

Violation Date: 07/05/2017 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Notes:

Violation Description:

Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.

Evaluations

Eval Date: 07/05/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 07/05/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 05/23/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 05/23/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency

Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 05/23/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title:
Address: 1675 Lincoln Street
City: Santa Clara
State: CA
Country:
Zip Code: 95050
Phone: (408) 615-4970

Affil Type Desc: Document Preparer
Entity Name: Craig Connelly
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: Craig Connelly
Entity Title:
Address: 3320 Lochinvar #54
City: Santa Clara
State: CA
Country:
Zip Code: 95051
Phone:

Affil Type Desc: Operator
Entity Name: Craig Connelly/Samir Samaan
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (408) 221-3056

Affil Type Desc: Parent Corporation
Entity Name: Bruno's Automotive
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 1815 El Camino Real
City: Santa Clara
State: CA
Country:
Zip Code: 95050
Phone:

Affil Type Desc: Identification Signer
Entity Name: Craig Connelly
Entity Title: Owner/Partner
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: Craig Connelly/Samir Samaan
Entity Title:
Address: 1815 El Camino Real
City: Santa Clara
State: CA
Country: United States
Zip Code: 95050
Phone: (408) 221-3056

Coordinates

Env Int Type Code: HWG
Program ID: 10088131
Latitude: 37.352485
Longitude: -121.957435
Coord Name:
Ref Point Type Desc: Unknown

10	2 of 2	SW	0.09 / 472.17	77.70 / 2	BRUNO'S AUTO & BRAKE SERVICE 1815 EL CAMINO REAL SANTA CLARA CA 95050	CUPA SANTACLARA

Facility ID: FA0211601
GIS Latitude: 37.352513
GIS Longitude: -121.957567

Details

Record ID: PR0313963
PE: 2205
Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

11	1 of 1	SW	0.09 / 474.32	77.70 / 2	King Auto Center 1817 EL CAMINO REAL SANTA CLARA CA 95050	CERS HAZ

Site ID: 41739
Latitude: 37.352485
Longitude: -121.957443
County:

Regulated Programs

EI ID: 10423180
EI Description: Hazardous Waste Generator

EI ID: 10423180 **EI Description:** Chemical Storage Facilities

Violations

Violation Date: 05/27/2014 **Violation Source:** CERS
Violation Program: HMRRP **Violation Division:** Santa Clara City Fire Department
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Notes:

Returned to compliance on 07/31/2015.

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.

Evaluations

Eval Date: 11/12/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 05/27/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 05/27/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 11/12/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 11/12/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 05/27/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title:
Address: 1675 Lincoln Street
City: Santa Clara
State: CA
Country:
Zip Code: 95050
Phone: (408) 615-4970

Affil Type Desc: Document Preparer
Entity Name: david kim
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: david kim
Entity Title:
Address: 1817 El Camino Real
City: Santa Clara
State: CA
Country:
Zip Code: 95050
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 1817 El Camino Real
City: Santa Clara
State: CA
Country:
Zip Code: 95050
Phone:

Affil Type Desc: Identification Signer
Entity Name: david kim
Entity Title: owner
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Property Owner
Entity Name: Ahron Bogomilsky
Entity Title:
Address: 542 Lakeside Drive Suite 2A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City: Sunnyvale
State: CA
Country: United States
Zip Code: 94086
Phone: (408) 206-2781

Affil Type Desc: Parent Corporation
Entity Name: King Auto Center
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: david kim
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (408) 244-3596

Affil Type Desc: Legal Owner
Entity Name: david kim
Entity Title:
Address: 1817 El Camino Real
City: Santa Clara
State: CA
Country: United States
Zip Code: 95050
Phone: (408) 244-3596

Coordinates

Env Int Type Code: HWG
Program ID: 10423180
Latitude: 37.352480
Longitude: -121.957440
Coord Name:
Ref Point Type Desc: Center of a facility or station.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
12	1 of 1	SW	0.09 / 482.23	77.70 / 2	AJ's Auto Repair, Service & Performance 1819 EL CAMINO REAL SANTA CLARA CA 95050	CERS HAZ

Site ID: 3754
Latitude: 37.352485
Longitude: -121.957450
County:

Regulated Programs

EI ID: 10127359
EI Description: Chemical Storage Facilities

EI ID: 10127359
EI Description: Hazardous Waste Generator

Evaluations

Eval Date: 11/21/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department

Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 11/21/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: Legal Owner
Entity Name: Alfred Juan
Entity Title:
Address:
City: Santa Clara
State: CA
Country: United States
Zip Code: 95050
Phone: (408) 260-1964

Affil Type Desc: Identification Signer
Entity Name: Alfred Juan
Entity Title: Owner
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title:
Address: 1675 Lincoln Street
City: Santa Clara
State: CA
Country:
Zip Code: 95050
Phone: (408) 615-4970

Affil Type Desc: Environmental Contact
Entity Name: Alfred Juan
Entity Title:
Address: Same as above
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Parent Corporation
Entity Name: AJ's Auto Repair, Service & Performance
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Coordinates

Env Int Type Code:	HWG	***Longitude:***	-121.957450
Program ID:	10127359	***Coord Name:***	
Latitude:	37.352480	***Ref Point Type Desc:***	Center of a facility or station.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	1 of 1	SE	0.09 / 486.40	76.99 / 1	JACOBSEN TRAILER LOT (SITE 2) 1610 EL CAMINO REAL SANTA CLARA CA 95050	LUST

Global ID:	T0608500742	***County:***	SANTA CLARA
Status:	COMPLETED - CASE CLOSED	***Latitude:***	37.3520142924836
Status Date:	12/8/1997	***Longitude:***	-121.954722441803
Case Type:	LUST CLEANUP SITE		

Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:		***Potential COC:***	Gasoline
Local Case No:		***How Discovered:***	
Begin Date:	1/1/1992	***Stop Method:***	
Lead Agency:	SANTA CLARA COUNTY LOP	***Stop Description:***	
Local Agency:	SANTA CLARA COUNTY LOP	***Case Worker:***	UST
CUF Case:	NO	***File Location:***	All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 46-50%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date : 6/3/2005
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 12/8/1997
Action: Closure/No Further Action Letter

Action Type: ENFORCEMENT
Date : 11/19/1996
Action: Notice of Responsibility - #39605

Action Type: Other
Date : 1/1/1992
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Local Agency Caseworker	***Address:***	1555 Berger Drive, Suite 300
Contact Name:	UST CASE WORKER	***Email:***	
City:	SAN JOSE	***Phone No:***	4089183400
Organization Name:	SANTA CLARA COUNTY LOP		

Contact Type:	Regional Board Caseworker	***Address:***	1515 CLAY ST SUITE 1400
Contact Name:	Regional Water Board	***Email:***	
City:	OAKLAND	***Phone No:***	
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 12/8/1997

Status: Open - Site Assessment
Status Date: 2/20/1992

Status: Open - Site Assessment
Status Date: 2/19/1992

Status: Open - Case Begin Date
Status Date: 1/1/1992

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: JACOBSEN TRAILER LOT (SITE 2)
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 1610 EL CAMINO REAL
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608500742
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 12/8/1997
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608500742&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03K03f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 12/8/1997

Status: Open - Site Assessment
Date : 2/20/1992

Status: Open - Site Assessment
Date : 2/19/1992

Status: Open - Case Begin Date
Date : 1/1/1992

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Type: Response Requested - Other
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500742&doc_id=5927444
Title Description Comments:

Microfiche Scans - See Read Me First - 06/03/2005

Action Type: Other Regulatory Actions
Action Date: 12/8/1997
Received Issue Date: 12/8/1997
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500742&enforcement_id=6324321&temptable=ENFORCEMENT
Title Description Comments:

Closure 12/08/1997

Action Type: Notices
Action Date: 11/19/1996
Received Issue Date: 11/19/1996
Action: Notice of Responsibility - #39605
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 1/1/1992
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 6/3/2005
Type: OTHER REPORT / DOCUMENT
Title: MICROFICHE SCANS - SEE READ ME FIRST - 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500742&document_id=5927444
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 12/8/1997
Type: CLOSURE/NO FURTHER ACTION LETTER
Title: CLOSURE 12/08/1997
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500742&enforcement_id=6324321
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

14	1 of 5	SW	0.10 / 521.81	78.33 / 3	**Gangi Investments** **1810 El Camino Real Santa Clara CA**	**LOP SANTACLARA**

SCVWD ID: 07S1W03K01f
Closure Date: 09/08/2010
Link: http://lustop.sccgov.org/files/07S1W03K01f/

14	2 of 5	SW	0.10 / 521.81	78.33 / 3	**GANGI INVESTMENTS** **1810 EL CAMINO REAL** **SANTA CLARA CA 95050**	**LUST**

Global ID: T0608500662
Status: COMPLETED - CASE CLOSED
County: SANTA CLARA
Latitude: 37.3521333333333

Status Date: 9/8/2010 **Longitude:** -121.957301333333
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 06-039
Local Case No: 07S1W03K01f
Begin Date: 5/28/1985
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency:
CUF Case: YES
Potential COC: MTBE / TBA / Other Fuel Oxygenates, Gasoline
How Discovered: Tank Closure
Stop Method: Close and Remove Tank
Stop Description:
Case Worker:
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 21-25%
Site History:

1985 – In March, 3 underground storage tanks (USTs) were removed from the site. 4 soil samples (#1 through #4) were collected from 15.5 to 16 feet below the ground surface (ft bgs) and analyzed for Total Petroleum Hydrocarbons as Gasoline (TPHg). No samples were required below the 10,000-gallon UST. The maximum concentration of TPHg was 6,600 parts per million (ppm) in sample #2. In April, 3 additional soil samples (#1R through #3R) were collected from 18 to 18.5 ft bgs. The maximum concentration of TPHg was 2,500 ppm in sample #1R. In August, 1 monitoring well (MW1) was installed to a depth of 53.5 ft bgs within the UST excavation. 4 soil samples were collected and analyzed for Benzene, Toluene, Ethylbenzene and Xylenes, Chlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, and 1.4-Dichlorobenzene. Maximum concentrations were reported at 9.0 ppm Benzene, 40 ppm Toluene, and 100 ppm Xylenes and Ethylbenzene (quantified together). A groundwater sample from the well was reported to contain 61,000 parts per billion (ppb) TPHg. In November, 10-inches of free product was measured in a bailer lowered into well MW1. 1986 – In January, 3 monitoring wells (MW2 through MW4) were installed on-site to approximately 55 ft bgs. Soil samples were not submitted for chemical analysis. Groundwater samples collected from these new wells were not reported to have detectable concentrations of TPHg, Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) above the laboratory reporting limit of 1,000 ppb. Well MW1 was not sampled or gauged at this time. 1991 – In February, MW1 was destroyed due to an obstruction at 12 ft bgs. It does not appear the well MW1 was sampled any other time than in 8/85. 2 monitoring wells (MW5 and MW6) were installed to approximately 51.5 ft bgs. 10 soil samples were collected and were analyzed for TPHg and BTEX. A maximum concentration of 390 ppm TPHg was reported for the sample collected from 25.5 ft bgs in MW5 and very low concentrations of BTEX were reported for the other samples. In July, 6 soil borings (SB1 through SB6) and 1 monitoring well (MW7) were advanced onsite to depths of 37 – 40.5 ft bgs and 50 ft bgs, respectively. 22 soil samples were collected and reported to have maximum concentrations of 3,200 ppm TPHg, 22 ppm Benzene, 210 ppm Toluene, 4,800 ppm Ethylbenzene, and 420 ppm Xylenes. The highest concentrations were reported for samples collected from boring B4, which was advanced within the tank excavation. Grab groundwater samples were collected from borings B1, B2, B3 and B6 and were reported only to have low concentrations of TPHg. BTEX were not reported to be present above the laboratory reporting limits. In October, 1 groundwater extraction well (EX1) was installed to approximately 53 ft bgs. No soil samples were submitted for chemical analysis. 1992 – In October, 3 nested vapor piezometers (VMW1 through VMW3), and 1 vapor extraction well (VEW1) were installed. 24 soil samples were collected from the VMW1 through VMW3 and reported to have a maximum concentration of 780 ppm TPHg, 3 ppm Benzene, 17 ppm Toluene, 17 ppm Ethylbenzene, and 83 ppm Xylenes. In November, a soil vapor extraction pilot test was conducted. Approximately 100 pounds of petroleum hydrocarbons were removed during this test. The radius of influence was estimated to be 40-45 ft. In December, a step-drawdown aquifer test was conducted. Drawdown was relatively small ranging from 0.06 to 0.14 ft. 1994 – In September, wells MW2 and MW3 were destroyed. El Camino Real (Route 82) was widened and the wells were now located within the street. 1995 – In June, 3 borings (B7 through B9) onsite and 2 hydropunch borings (HP1 and HP2) off-site were advanced to depths ranging between 24 and 48 ft bgs. 18 soil samples were collected and only 3 samples were reported to have low concentrations of TPHg and BTEX. Grab groundwater samples were collected from the hydropunch borings and were not reported to have concentrations of TPHg and BTEX above the laboratory reporting limits. In July, 2 monitoring wells (MW8 and MW9) were installed to approximately 35 ft bgs. Soil samples were not submitted for chemical analysis. These wells were incorporated into the groundwater monitoring program. It was noted in the report that groundwater at the site has risen approximately 20 feet since investigation began at the site. 1996 – In July, 1 monitoring well (MW10) was installed to 32 ft bgs offsite and downgradient. No soil samples were reported to have been submitted for chemical analysis. 2001 – In October, 3 temporary wells (GW1 through GW3) were installed to 20 ft bgs in order to collect grab groundwater samples. The grab groundwater sampling was conducted because groundwater has been rising since monitoring began at the site in 1990. Also samples were collected from the vapor wells. Sample GW3 was collected from within the UST excavation and was reported to have the highest concentrations of TPHg (27,000 ppb) for the grab groundwater samples. The maximum concentrations were reported for the sample collected from well VEX1, also located within the UST excavation, of 130,000 ppb TPHg, 5,800 ppb Benzene, 24,000 ppb Toluene, 4,300 ppb Ethylbenzene, and 15,000 ppb Xylenes. MtBE was reported at a maximum concentration of 580 ppb in well VMW2. 2002 – In June, groundwater samples from MW9, MW7, and VEX1 were analyzed for bacterial populations and were shown to have depressed values across the site. In July, 9 borings were advanced in the area of the UST excavation and Oxygen Release Compound (ORC) was injected beginning between 30 and 35 ft bgs to the surface. Also at this time, well MW11 was installed to 28 ft bgs. Groundwater was sampled for 3 quarters following the ORC injection. The monitoring included analysis for bacterial populations, which showed an increase across the site of aerobic hydrocarbon degrading bacteria as well as total heterotrophic bacteria. 2004 – In January, 16 borings were advanced in the area of the UST excavation and ORC was injected beginning between 35 and 40 ft bgs to the surface. 2007 – In June, 24 borings were advanced in the area of the UST excavation and ORC Advanced was injected beginning at 30 ft bgs to the surface. In November, wells MW4, EX1, and VMW3 were destroyed. Well MW4 had 45 feet of well screen and was obstructed at

approximately 36 ft bgs. Well EX1 had not been sampled since 9/94 and the nested vapor piezometer VMW3 had not been sampled since 10/01. Well MW4 was replaced with well MW4R, which was advanced to a depth of 28 ft bgs. Groundwater was first encountered at 28 ft bgs. Groundwater at this site has risen approximately 20 feet since investigation began. Soil samples were not collected from this new well.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date : 9/8/2010
Action: Closure/No Further Action Letter

Action Type: RESPONSE
Date : 9/1/2010
Action: Well Destruction Report

Action Type: ENFORCEMENT
Date : 5/20/2010
Action: Staff Letter

Action Type: RESPONSE
Date : 5/20/2010
Action: Correspondence

Action Type: RESPONSE
Date : 4/28/2010
Action: Site Assessment Report

Action Type: RESPONSE
Date : 4/12/2010
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 1/22/2010
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 1/4/2010
Action: Staff Letter

Action Type: RESPONSE
Date : 12/30/2009
Action: Soil and Water Investigation Workplan

Action Type: RESPONSE
Date : 12/29/2009
Action: Soil and Water Investigation Workplan

Action Type: ENFORCEMENT
Date : 11/12/2009
Action: Staff Letter

Action Type: RESPONSE
Date : 10/30/2009
Action: Other Report / Document

Action Type: RESPONSE
Date : 10/30/2009
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 7/30/2009
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 5/4/2009
Action: Staff Letter

Action Type: RESPONSE

Date : 4/30/2009
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 1/30/2009
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 11/25/2008
Action: Staff Letter

Action Type: RESPONSE
Date : 10/30/2008
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 7/30/2008
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 5/30/2008
Action: Staff Letter - #80305

Action Type: RESPONSE
Date : 10/30/2007
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 8/9/2007
Action: Staff Letter - #70908

Action Type: RESPONSE
Date : 7/30/2007
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 7/30/2007
Action: Remedial Progress Report

Action Type: RESPONSE
Date : 7/25/2007
Action: Well Destruction Workplan

Action Type: RESPONSE
Date : 6/29/2007
Action: Soil and Water Investigation Workplan

Action Type: RESPONSE
Date : 6/1/2007
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 5/11/2007
Action: Staff Letter - #701150

Action Type: RESPONSE
Date : 4/30/2007
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 3/8/2007
Action: Staff Letter - #70803

Action Type: RESPONSE
Date : 1/30/2007
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 9/21/2006

Action: Staff Letter - #60129

Action Type: RESPONSE
Date : 8/24/2006
Action: Verbal Communication

Action Type: RESPONSE
Date : 2/23/2004
Action: Other Report / Document

Action Type: REMEDIATION
Date : 1/1/2004
Action: Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation)

Action Type: ENFORCEMENT
Date : 10/24/2003
Action: Staff Letter - #42462

Action Type: RESPONSE
Date : 8/26/2003
Action: Interim Remedial Action Report

Action Type: RESPONSE
Date : 7/31/2002
Action: Correspondence

Action Type: REMEDIATION
Date : 7/1/2002
Action: Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation)

Action Type: RESPONSE
Date : 6/3/2002
Action: Other Report / Document

Action Type: RESPONSE
Date : 4/5/2002
Action: Interim Remedial Action Plan

Action Type: ENFORCEMENT
Date : 4/4/2002
Action: Staff Letter - #23318

Action Type: RESPONSE
Date : 4/4/2002
Action: Interim Remedial Action Plan

Action Type: RESPONSE
Date : 9/18/2001
Action: Soil and Water Investigation Workplan

Action Type: RESPONSE
Date : 2/5/2001
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 1/31/2001
Action: Staff Letter - #23315

Action Type: RESPONSE
Date : 1/31/1999
Action: Remedial Progress Report

Action Type: ENFORCEMENT
Date : 12/17/1998
Action: Staff Letter - #23313

Action Type: RESPONSE
Date : 10/26/1995
Action: CAP/RAP - Other Report

Action Type: RESPONSE
Date : 7/24/1995
Action: Other Report / Document

Action Type: RESPONSE
Date : 11/28/1994
Action: Soil and Water Investigation Workplan

Action Type: RESPONSE
Date : 8/24/1994
Action: Other Report / Document

Action Type: RESPONSE
Date : 4/22/1992
Action: Remedial Progress Report

Action Type: RESPONSE
Date : 12/20/1991
Action: Other Report / Document

Action Type: RESPONSE
Date : 11/6/1991
Action: Other Report / Document

Action Type: RESPONSE
Date : 1/4/1991
Action: Soil and Water Investigation Workplan

Action Type: ENFORCEMENT
Date : 8/3/1989
Action: Notice of Responsibility - #39659

Action Type: RESPONSE
Date : 7/2/1986
Action: Other Report / Document

Action Type: RESPONSE
Date : 10/7/1985
Action: Well Installation Report

Action Type: REMEDIATION
Date : 8/1/1985
Action: Free Product Removal

Action Type: Other
Date : 5/28/1985
Action: Leak Reported

Action Type: RESPONSE
Date : 5/28/1985
Action: Unauthorized Release Form

Action Type: Other
Date : 5/28/1985
Action: Leak Discovery

Action Type: Other
Date : 5/28/1985
Action: Leak Stopped

Action Type: RESPONSE
Date : 1/12/1983
Action: Other Report / Document

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker ***Address:*** 1515 CLAY ST SUITE 1400

Contact Name: Regional Water Board **Email:**
City: OAKLAND **Phone No:**
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 9/8/2010

Status: Open - Verification Monitoring
Status Date: 2/1/2004

Status: Open - Remediation
Status Date: 12/19/2001

Status: Open - Site Assessment
Status Date: 9/18/1985

Status: Open - Case Begin Date
Status Date: 5/28/1985

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: GANGI INVESTMENTS
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig: C
CUF Amount Paid: $507,119
Potential COC: GASOLINE, MTBE / TBA / OTHER FUEL OXYGENATES
Facility Type:
Composting Method:
Address: 1810 EL CAMINO REAL
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim: 7487
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608500662
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 9/8/2010
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608500662&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management: NOTIFY PRIOR TO CHANGE IN LAND USE
NOTIFY PRIOR TO DEVELOPMENT
NOTIFY PRIOR TO SUBSURFACE WORK
ONLY EXTRACTION OF GROUNDWATER FOR SITE REMEDIATION PERMITTED
Future Land Use: COMMERCIAL
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD) - CASE #: 07S1W03K01f
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 06-039
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque: # OF WELLS MONITORED - OTHER : 11
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

1985 - In March, 3 underground storage tanks (USTs) were removed from the site. 4 soil samples (#1 through #4) were collected from 15.5 to 16 feet below the ground surface (ft bgs) and analyzed for Total Petroleum Hydrocarbons as Gasoline (TPHg). No samples were required below the 10,000-gallon UST. The maximum concentration of TPHg was 6,600 parts per million (ppm) in sample #2.
In April, 3 additional soil samples (#1R through #3R) were collected from 18 to 18.5 ft bgs. The maximum concentration of TPHg was 2,500 ppm in sample #1R.
In August, 1 monitoring well (MW1) was installed to a depth of 53.5 ft bgs within the UST excavation. 4 soil samples were collected and analyzed for Benzene, Toluene, Ethylbenzene and Xylenes, Chlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, and 1.4-Dichlorobenzene. Maximum concentrations were reported at 9.0 ppm Benzene, 40 ppm Toluene, and 100 ppm Xylenes and Ethylbenzene (quantified together). A groundwater sample from the well was reported to contain 61,000 parts per billion (ppb) TPHg.
In November, 10-inches of free product was measured in a bailer lowered into well MW1.
1986 - In January, 3 monitoring wells (MW2 through MW4) were installed on-site to approximately 55 ft bgs. Soil samples were not submitted for

chemical analysis. Groundwater samples collected from these new wells were not reported to have detectable concentrations of TPHg, Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) above the laboratory reporting limit of 1,000 ppb. Well MW1 was not sampled or gauged at this time.
1991 - In February, MW1 was destroyed due to an obstruction at 12 ft bgs. It does not appear the well MW1 was sampled any other time than in 8/85. 2 monitoring wells (MW5 and MW6) were installed to approximately 51.5 ft bgs. 10 soil samples were collected and were analyzed for TPHg and BTEX. A maximum concentration of 390 ppm TPHg was reported for the sample collected from 25.5 ft bgs in MW5 and very low concentrations of BTEX were reported for the other samples.
In July, 6 soil borings (SB1 through SB6) and 1 monitoring well (MW7) were advanced onsite to depths of 37 - 40.5 ft bgs and 50 ft bgs, respectively. 22 soil samples were collected and reported to have maximum concentrations of 3,200 ppm TPHg, 22 ppm Benzene, 210 ppm Toluene, 4,800 ppm Ethylbenzene, and 420 ppm Xylenes. The highest concentrations were reported for samples collected from boring B4, which was advanced within the tank excavation.
Grab groundwater samples were collected from borings B1, B2, B3 and B6 and were reported only to have low concentrations of TPHg. BTEX were not reported to be present above the laboratory reporting limits.
In October, 1 groundwater extraction well (EX1) was installed to approximately 53 ft bgs. No soil samples were submitted for chemical analysis.
1992 - In October, 3 nested vapor piezometers (VMW1 through VMW3), and 1 vapor extraction well (VEW1) were installed. 24 soil samples were collected from the VMW1 through VMW3 and reported to have a maximum concentration of 780 ppm TPHg, 3 ppm Benzene, 17 ppm Toluene, 17 ppm Ethylbenzene, and 83 ppm Xylenes.
In November, a soil vapor extraction pilot test was conducted. Approximately 100 pounds of petroleum hydrocarbons were removed during this test. The radius of influence was estimated to be 40-45 ft.
In December, a step-drawdown aquifer test was conducted. Drawdown was relatively small ranging from 0.06 to 0.14 ft.
1994 - In September, wells MW2 and MW3 were destroyed. El Camino Real (Route 82) was widened and the wells were now located within the street.
1995 - In June, 3 borings (B7 through B9) onsite and 2 hydropunch borings (HP1 and HP2) off-site were advanced to depths ranging between 24 and 48 ft bgs. 18 soil samples were collected and only 3 samples were reported to have low concentrations of TPHg and BTEX. Grab groundwater samples were collected from the hydropunch borings and were not reported to have concentrations of TPHg and BTEX above the laboratory reporting limits.
In July, 2 monitoring wells (MW8 and MW9) were installed to approximately 35 ft bgs. Soil samples were not submitted for chemical analysis. These wells were incorporated into the groundwater monitoring program. It was noted in the report that groundwater at the site has risen approximately 20 feet since investigation began at the site.
1996 - In July, 1 monitoring well (MW10) was installed to 32 ft bgs offsite and downgradient. No soil samples were reported to have been submitted for chemical analysis.
2001 - In October, 3 temporary wells (GW1 through GW3) were installed to 20 ft bgs in order to collect grab groundwater samples. The grab groundwater sampling was conducted because groundwater has been rising since monitoring began at the site in 1990. Also samples were collected from the vapor wells. Sample GW3 was collected from within the UST excavation and was reported to have the highest concentrations of TPHg (27,000 ppb) for the grab groundwater samples. The maximum concentrations were reported for the sample collected from well VEX1, also located within the UST excavation, of 130,000 ppb TPHg, 5,800 ppb Benzene, 24,000 ppb Toluene, 4,300 ppb Ethylbenzene, and 15,000 ppb Xylenes. MtBE was reported at a maximum concentration of 580 ppb in well VMW2.
2002 - In June, groundwater samples from MW9, MW7, and VEX1 were analyzed for bacterial populations and were shown to have depressed values across the site.
In July, 9 borings were advanced in the area of the UST excavation and Oxygen Release Compound (ORC) was injected beginning between 30 and 35 ft bgs to the surface. Also at this time, well MW11 was installed to 28 ft bgs.
Groundwater was sampled for 3 quarters following the ORC injection. The monitoring included analysis for bacterial populations, which showed an increase across the site of aerobic hydrocarbon degrading bacteria as well as total heterotrophic bacteria.
2004 - In January, 16 borings were advanced in the area of the UST excavation and ORC was injected beginning between 35 and 40 ft bgs to the surface.
2007 - In June, 24 borings were advanced in the area of the UST excavation and ORC Advanced was injected beginning at 30 ft bgs to the surface.
In November, wells MW4, EX1, and VMW3 were destroyed. Well MW4 had 45 feet of well screen and was obstructed at approximately 36 ft bgs. Well EX1 had not been sampled since 9/94 and the nested vapor piezometer VMW3 had not been sampled since 10/01. Well MW4 was replaced with well MW4R, which was advanced to a depth of 28 ft bgs. Groundwater was first encountered at 28 ft bgs. Groundwater at this site has risen approximately 20 feet since investigation began. Soil samples were not collected from this new well.

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 9/8/2010

Status: Open - Verification Monitoring
Date : 2/1/2004

Status: Open - Remediation
Date : 12/19/2001

Status: Open - Site Assessment
Date : 9/18/1985

Status: Open - Case Begin Date
Date : 5/28/1985

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: EX SITU PHYSICAL/CHEMICAL TREATMENT (OTHER THAN P&T, SVE, OR EXCAVATION)
Begin Date: 1/1/2004
Phase: Water
End Date: 1/1/2004
Contaminant Mass Removed:
Description: ORC injection

Action Type: EX SITU PHYSICAL/CHEMICAL TREATMENT (OTHER THAN P&T, SVE, OR EXCAVATION)
Begin Date: 7/1/2002
Phase: Water
End Date: 7/1/2002
Contaminant Mass Removed:
Description: ORC injection

Action Type: FREE PRODUCT REMOVAL
Begin Date: 8/1/1985
Phase: Liquid Waste
End Date: 8/1/1985
Contaminant Mass Removed:
Description: volume not reported

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date: 9/8/2010
Received Issue Date: 9/8/2010
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&enforcement_id=6063442&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 9/1/2010
Received Issue Date: 9/1/2010
Action: Well Destruction Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874180
Title Description Comments:

WELL DESTRUCTION

Action Type: Other Regulatory Actions
Action Date: 5/20/2010
Received Issue Date: 5/20/2010
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&enforcement_id=6051363&temptable=ENFORCEMENT
Title Description Comments:

request for well destruction for case closure

Action Type: Response Requested - Other
Action Date: 5/20/2010
Received Issue Date: 5/20/2010
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874204
Title Description Comments:

CORRESPONDENCE FILE FROM LUSTOP 11/1/1985 - 5/20/2010

Action Type: Response Requested - Reports
Action Date: 4/28/2010
Received Issue Date: 4/12/2010
Action: Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5658175
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 4/12/2010
Received Issue Date: 4/12/2010
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874183
Title Description Comments:

GROUNDWATER ASSESSMENT REPORT 4/17/1991 - 4/12/2010

Action Type: Response Requested - Other
Action Date: 1/22/2010
Received Issue Date: 12/28/2009
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5655234
Title Description Comments:

gw isoconcentration maps

Action Type: Other Regulatory Actions
Action Date: 1/4/2010
Received Issue Date: 1/4/2010
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&enforcement_id=6039476&temptable=ENFORCEMENT
Title Description Comments:

app confirmation soil sampling wp

Action Type: Response Requested - Workplans
Action Date: 12/30/2009
Received Issue Date: 12/28/2009
Action: Soil and Water Investigation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5655233
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 12/29/2009
Received Issue Date: 12/29/2009
Action: Soil and Water Investigation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5884786
Title Description Comments:

WORKPLAN

Action Type: Other Regulatory Actions
Action Date: 11/12/2009
Received Issue Date: 11/12/2009
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&enforcement_id=6035503&temptable=ENFORCEMENT
Title Description Comments:

confirmation soil borings

Action Type: Response Requested - Reports
Action Date: 10/30/2009
Received Issue Date: 10/30/2009
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5638064
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 10/30/2009

Received Issue Date: 10/30/2009
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874187
Title Description Comments:

REQUEST FOR CLOSURE

Action Type: Response Requested - Reports
Action Date: 7/30/2009
Received Issue Date: 7/31/2009
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5638063
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 5/4/2009
Received Issue Date: 5/4/2009
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&enforcement_id=6012162&temptable=ENFORCEMENT
Title Description Comments:

2 more quarters - evaluate for closure after each

Action Type: Response Requested - Reports
Action Date: 4/30/2009
Received Issue Date: 4/30/2009
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5618758
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 1/30/2009
Received Issue Date: 1/30/2009
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5618757
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 11/25/2008
Received Issue Date: 11/25/2008
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&enforcement_id=5994465&temptable=ENFORCEMENT
Title Description Comments:

deny closure req; cont gwm

Action Type: Response Requested - Reports
Action Date: 10/30/2008
Received Issue Date: 11/19/2008
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5618756
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 10/30/2008
Received Issue Date: 10/30/2008
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5884792
Title Description Comments:

QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008

Action Type: Response Requested - Reports
Action Date: 7/30/2008
Received Issue Date: 7/31/2008
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 5/30/2008
Received Issue Date: 5/30/2008
Action: Staff Letter - #80305
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&enforcement_id=5987668&temptable=ENFORCEMENT
Title Description Comments:

cont. gwm; edf noncompliance

Action Type: Response Requested - Reports
Action Date: 10/30/2007
Received Issue Date: 11/20/2007
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 8/9/2007
Received Issue Date: 8/9/2007
Action: Staff Letter - #70908
Doc Link:
Title Description Comments:

acc wp well destruction replace

Action Type: Response Requested - Reports
Action Date: 7/30/2007
Received Issue Date: 7/27/2007
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action Date: 7/30/2007
Received Issue Date: 7/27/2007
Action: Remedial Progress Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5592197
Title Description Comments:

Remedial Progress Report - data to be included in 2nd qtr gwm rpt

Action Type: Response Requested - Workplans
Action Date: 7/25/2007
Received Issue Date: 7/25/2007
Action: Well Destruction Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5884787
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Workplans
Action Date: 6/29/2007
Received Issue Date: 7/27/2007
Action: Soil and Water Investigation Workplan
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan - mw-4 abandonment and replacement

Action Type: Response Requested - Reports
Action Date: 6/1/2007
Received Issue Date: 6/4/2007
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly - 1st qtr gwm rpt - late

Action Type: Other Regulatory Actions
Action Date: 5/11/2007
Received Issue Date: 5/11/2007
Action: Staff Letter - #701150
Doc Link:
Title Description Comments:

late ltr - gwm; wp for well replacement

Action Type: Response Requested - Reports
Action Date: 4/30/2007
Received Issue Date: 6/4/2007
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 3/8/2007
Received Issue Date: 3/8/2007
Action: Staff Letter - #70803
Doc Link:
Title Description Comments:

app ORC injection

Action Type: Response Requested - Reports
Action Date: 1/30/2007
Received Issue Date: 3/6/2007
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 9/21/2006
Received Issue Date: 9/21/2006
Action: Staff Letter - #60129
Doc Link:
Title Description Comments:

gwm required

Action Type: Response Requested - Other
Action Date: 8/24/2006
Received Issue Date: 8/24/2006
Action: Verbal Communication
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874192
Title Description Comments:

PHONE LOG FROM LUSTROP 4/20/1988 - 8/24/2006

Action Type: Response Requested - Other
Action Date: 2/23/2004
Received Issue Date: 2/27/2004
Action: Other Report / Document
Doc Link:
Title Description Comments:

Other Type of Submission by RP

Action Type: Response Requested - Other
Action Date: 2/23/2004
Received Issue Date: 2/23/2004
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874185
Title Description Comments:

STATUS REPORT 12/4/1990 - 2/23/2004

Action Type: Other Regulatory Actions
Action Date: 10/24/2003
Received Issue Date: 10/24/2003
Action: Staff Letter - #42462
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 8/26/2003
Received Issue Date: 8/26/2003
Action: Interim Remedial Action Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874199
Title Description Comments:

INTERIM REMEDIAL REPORT 7/30/2002 - 8/26/2003

Action Type: Response Requested - Other
Action Date: 7/31/2002
Received Issue Date: 7/31/2002
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874184
Title Description Comments:

STATE RELATED COORESPONDENCE FROM LUSTOP 11/12/1985 - 7/31/2002

Action Type: Response Requested - Other
Action Date: 6/3/2002
Received Issue Date: 6/3/2002
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874206
Title Description Comments:

ADDENDUM FROM LUSTOP

Action Type: Response Requested - Workplans
Action Date: 4/5/2002

Received Issue Date: 4/5/2002
Action: Interim Remedial Action Plan
Doc Link:
Title Description Comments:

Interim Remedial Action Plan

Action Type: Response Requested - Workplans
Action Date: 4/4/2002
Received Issue Date: 4/4/2002
Action: Interim Remedial Action Plan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5884788
Title Description Comments:

WORKPLAN

Action Type: Other Regulatory Actions
Action Date: 4/4/2002
Received Issue Date: 4/4/2002
Action: Staff Letter - #23318
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 9/18/2001
Received Issue Date: 9/18/2001
Action: Soil and Water Investigation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5884789
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Reports
Action Date: 2/5/2001
Received Issue Date: 2/5/2001
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 1/31/2001
Received Issue Date: 1/31/2001
Action: Staff Letter - #23315
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 1/31/1999
Received Issue Date: 2/25/1999
Action: Remedial Progress Report
Doc Link:
Title Description Comments:

Remedial Progress Report

Action Type: Other Regulatory Actions
Action Date: 12/17/1998
Received Issue Date: 12/17/1998
Action: Staff Letter - #23313
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 10/26/1995
Received Issue Date: 10/26/1995
Action: CAP/RAP - Other Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874205
Title Description Comments:

CORRECTIVE ACTION PLAN

Action Type: Response Requested - Other
Action Date: 7/24/1995
Received Issue Date: 7/24/1995
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874194
Title Description Comments:

MISCELLANEOUS REPORT FROM LUSTOP 4/17/1991 - 7/24/1995

Action Type: Response Requested - Workplans
Action Date: 11/28/1994
Received Issue Date: 11/28/1994
Action: Soil and Water Investigation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5884790
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Other
Action Date: 8/24/1994
Received Issue Date: 8/24/1994
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874165
Title Description Comments:

MISCELLANEOUS SAMPLE RESULTS FROM LUSTOP 4/11/1985 - 8/24/1994

Action Type: Response Requested - Reports
Action Date: 4/22/1992
Received Issue Date: 4/22/1992
Action: Remedial Progress Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874193
Title Description Comments:

REMEDIAL REPORT 4/22/1992 - 8/31/1995

Action Type: Response Requested - Other
Action Date: 12/20/1991
Received Issue Date: 12/20/1991
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874196
Title Description Comments:

MIGRATION CONTROL REPORT 10/31/1991 - 12/20/1991

Action Type: Response Requested - Other
Action Date: 11/6/1991
Received Issue Date: 11/6/1991
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874201
Title Description Comments:

START UP REPORTS

Action Type: Response Requested - Workplans
Action Date: 1/4/1991
Received Issue Date: 1/4/1991
Action: Soil and Water Investigation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5884791
Title Description Comments:

WORKPLAN

Action Type: Notices
Action Date: 8/3/1989
Received Issue Date: 8/3/1989
Action: Notice of Responsibility - #39659
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 7/2/1986
Received Issue Date: 7/2/1986
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874207
Title Description Comments:

ADDITIONAL INFORMATION

Action Type: Response Requested - Reports
Action Date: 10/7/1985
Received Issue Date: 10/7/1985
Action: Well Installation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874181
Title Description Comments:

WELL CONSTRUCTION

Action Type: Response Requested - Other
Action Date: 5/28/1985
Received Issue Date: 5/28/1985
Action: Unauthorized Release Form
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874182
Title Description Comments:

URF

Action Type: Response Requested - Other
Action Date: 1/12/1983
Received Issue Date: 1/12/1983
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500662&doc_id=5874197
Title Description Comments:

MAPS METROSCAN FROM LUSTOP

Action Type: Cleanup Action
Action Date: 1/1/2004
Received Issue Date:
Action: Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation)
Doc Link:
Title Description Comments:

ORC injection

Action Type: Cleanup Action

Action Date: 7/1/2002
Received Issue Date:
Action: Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation)
Doc Link:
Title Description Comments:

ORC injection

Action Type: Cleanup Action
Action Date: 8/1/1985
Received Issue Date:
Action: Free Product Removal
Doc Link:
Title Description Comments:

volume not reported

Action Type: Leak Action
Action Date: 5/28/1985
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 5/28/1985
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 5/28/1985
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Site Maps (as of May 29, 2021)

Title: SB1 BORING (SB1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5658425748/T0608500662.PDF
Size : 72 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 4/12/2010

Title: SB4 BORING (SB4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6409700691/T0608500662.PDF
Size : 53 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 4/12/2010

Title: SB2 BORING (SB2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7680448174/T0608500662.PDF
Size : 80 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 4/12/2010

Title: SB3 BORING (SB3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5515962898/T0608500662.PDF
Size : 76 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 4/12/2010

Title: MW-9 BORING (MW-9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9658519923/T0608500662.PDF
Size : 109 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/16/2009

Title: MW-8 BORING (MW-8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8287613391/T0608500662.PDF
Size : 111 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/16/2009

Title: MW-4 BORING (MW-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4301324009/T0608500662.PDF
Size : 191 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/14/2009

Title: MW-6 BORING (MW-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3062465846/T0608500662.PDF
Size : 140 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/14/2009

Title: MW-2 BORING (MW-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8695835947/T0608500662.PDF
Size : 186 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/14/2009

Title: MW-3 BORING (MW-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7008904576/T0608500662.PDF
Size : 186 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/14/2009

Title: MW-5 BORING (MW-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6113918483/T0608500662.PDF
Size : 142 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/14/2009

Title: MW-7 BORING (MW-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5748598396/T0608500662.PDF
Size : 150 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/14/2009

Title: EX-1 BORING (EX-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6590912342/T0608500662.PDF
Size : 184 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/8/2009

Title: MW-4R BORING (MW-4R)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3651745021/T0608500662.PDF
Size : 80 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/8/2009

Title: VMW-1 BORING (VMW-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5427322864/T0608500662.PDF
Size : 162 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/8/2009

Title: MW-11 BORING (MW-11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9953090846/T0608500662.PDF
Size : 190 KB

Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/8/2009

Title: VMW-3 BORING (VMW-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4909729480/T0608500662.PDF
Size : 160 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/8/2009

Title: MW-10 BORING (MW-10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1791106283/T0608500662.PDF
Size : 175 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/8/2009

Title: VEX-1 BORING (VEX-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5143600940/T0608500662.PDF
Size : 84 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/8/2009

Title: VMW-2 BORING (VMW-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1468349635/T0608500662.PDF
Size : 161 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 1/8/2009

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/9373457968/T0608500662.PDF
Size : 202 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 12/29/2008

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/4909592151/T0608500662.PDF
Size : 450 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted: 12/29/2008

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 9/8/2010
Type: CLOSURE/NO FURTHER ACTION LETTER
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&enforcement_id=6063442
Size :
Submitted By: (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 9/1/2010
Type: WELL DESTRUCTION REPORT
Title: GROUNDWATER MONITORING WELL DESTRUCTION NOTIFICATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2265771448/T0608500662.PDF
Size : 21,038 KB
Submitted By: MARCUS TROTTA (AUTH_RP)
Submitted:

Document Type: Site Documents
Document Date: 9/1/2010
Type: WELL DESTRUCTION REPORT
Title: WELL DESTRUCTION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874180
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 5/20/2010
Type: CORRESPONDENCE
Title: CORRESPONDENCE FILE FROM LUSTOP 11/1/1985 - 5/20/2010
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874204
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 5/20/2010
Type: STAFF LETTER
Size :
Submitted By: KRISTI CONG (REGULATOR)
Submitted:

Title: REQUEST FOR WELL DESTRUCTION FOR CASE CLOSURE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&enforcement_id=6051363

Document Type: Site Documents ***Size :*** 2,777 KB
Document Date: 4/12/2010 ***Submitted By:*** MARCUS TROTTA (AUTH_RP)
Type: REMEDIAL INVESTIGATION REPORT ***Submitted:***
Title: CONFIRMATION SOIL SAMPLING REPORT AND CASE CLOSURE REQUEST
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5374703824/T0608500662.PDF

Document Type: Site Documents ***Size :***
Document Date: 4/12/2010 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: SOIL AND WATER INVESTIGATION REPORT ***Submitted:***
Title: GROUNDWATER ASSESSMENT REPORT 4/17/1991 - 4/12/2010
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874183

Document Type: Site Documents ***Size :***
Document Date: 1/4/2010 ***Submitted By:*** KRISTI CONG (REGULATOR)
Type: STAFF LETTER ***Submitted:***
Title: APP CONFIRMATION SOIL SAMPLING WP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&enforcement_id=6039476

Document Type: Site Documents ***Size :***
Document Date: 12/29/2009 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: SOIL AND WATER INVESTIGATION WORKPLAN ***Submitted:***
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5884786

Document Type: Site Documents ***Size :*** 1,758 KB
Document Date: 12/29/2009 ***Submitted By:*** MARCUS TROTTA (AUTH_RP)
Type: SOIL AND WATER INVESTIGATION WORKPLAN ***Submitted:***
Title: CONFIRMATION SOIL SAMPLING WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6436944425/T0608500662.PDF

Document Type: Site Documents ***Size :***
Document Date: 11/12/2009 ***Submitted By:*** KRISTI CONG (REGULATOR)
Type: STAFF LETTER ***Submitted:***
Title: CONFIRMATION SOIL BORINGS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&enforcement_id=6035503

Document Type: Site Documents ***Size :***
Document Date: 10/30/2009 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: REQUEST FOR CLOSURE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874187

Document Type: Monitoring Reports ***Size :*** 2,860 KB
Document Date: 10/29/2009 ***Submitted By:*** MARCUS TROTTA (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY MONITORING REPORT 3RD QUARTER 2009.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1890374302/T0608500662.PDF

Document Type: Monitoring Reports ***Size :*** 3,865 KB
Document Date: 7/31/2009 ***Submitted By:*** MARCUS TROTTA (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY MONITORING REPORT 2ND QUARTER 2009.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3857439339/T0608500662.PDF

Document Type: Site Documents ***Size :***
Document Date: 5/4/2009 ***Submitted By:*** KRISTI CONG (REGULATOR)
Type: STAFF LETTER ***Submitted:***
Title: 2 MORE QUARTERS - EVALUATE FOR CLOSURE AFTER EACH
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&enforcement_id=6012162

Document Type: Monitoring Reports ***Size :*** 3,294 KB
Document Date: 4/28/2009 ***Submitted By:*** MARCUS TROTTA (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***

Title: QUARTERLY MONITORING REPORT 1ST QUARTER 2009.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9560054957/T0608500662.PDF

Document Type: Monitoring Reports ***Size :*** 2,995 KB
Document Date: 1/29/2009 ***Submitted By:*** MARCUS TROTTA (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: FOURTH QUARTER 2008 GROUNDWATER MONITORING REPORT...
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3447844564/T0608500662.PDF

Document Type: Site Documents ***Size :***
Document Date: 11/25/2008 ***Submitted By:*** KRISTI CONG (REGULATOR)
Type: STAFF LETTER ***Submitted:***
Title: DENY CLOSURE REQ; CONT GWM
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&enforcement_id=5994465

Document Type: Monitoring Reports ***Size :*** 1,285 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1994%2D02%2D14%2Epdf

Document Type: Monitoring Reports ***Size :*** 2,767 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2009%2D07%2D31%2Epdf

Document Type: Monitoring Reports ***Size :*** 5,298 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2007%2D10%2D31%2Epdf

Document Type: Monitoring Reports ***Size :*** 1,050 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1995%2D08%2D21%2Epdf

Document Type: Monitoring Reports ***Size :*** 5,291 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2008%2D05%2D20%2Epdf

Document Type: Monitoring Reports ***Size :*** 5,957 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2007%2D07%2D26%2Epdf

Document Type: Monitoring Reports ***Size :*** 672 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1991%2D07%2D31%2Epdf

Document Type: Monitoring Reports ***Size :*** 3,380 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2009%

2D04%2D28%2Epdf

Document Type: Monitoring Reports ***Size :*** 1,010 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1995%2D05%2D26%2Epdf

Document Type: Monitoring Reports ***Size :*** 765 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1992%2D07%2D15%2Epdf

Document Type: Monitoring Reports ***Size :*** 2,936 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2004%2D06%2D09%2Epdf

Document Type: Monitoring Reports ***Size :*** 5,944 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2006%2D09%2D18%2Epdf

Document Type: Monitoring Reports ***Size :*** 1,091 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1994%2D12%2D19%2Epdf

Document Type: Monitoring Reports ***Size :*** 717 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1991%2D12%2D20%2Epdf

Document Type: Monitoring Reports ***Size :*** 2,463 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1993%2D04%2D06%2Epdf

Document Type: Monitoring Reports ***Size :*** 2,872 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2001%2D12%2D18%2Epdf

Document Type: Monitoring Reports ***Size :*** 10,471 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2008%2D03%2D19%2Epdf

Document Type: Monitoring Reports ***Size :*** 5,137 KB
Document Date: 10/30/2008 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2007%

2D01%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 916 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1992%2D11%2D16%2Epdf

Document Type: Monitoring Reports **Size :** 4,213 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2008%2D10%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 2,943 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2009%2D10%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 3,831 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR1%5F2008%2D10%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 1,129 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1995%2D11%2D09%2Epdf

Document Type: Monitoring Reports **Size :** 1,971 KB
Document Date: 10/30/2008 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5552962362/GWM%5FR%5F2001%2D01%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 1,772 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1996%2D08%2D26%2Epdf

Document Type: Monitoring Reports **Size :** 1,046 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1995%2D03%2D02%2Epdf

Document Type: Monitoring Reports **Size :** 1,130 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1996%2D05%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 1,639 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1998%

2D01%2D07%2Epdf

Document Type: Monitoring Reports **Size :** 3,704 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2008%2D07%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 2,489 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1999%2D02%2D19%2Epdf

Document Type: Monitoring Reports **Size :** 1,070 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1996%2D03%2D05%2Epdf

Document Type: Monitoring Reports **Size :** 1,753 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F1994%2D08%2D10%2Epdf

Document Type: Monitoring Reports **Size :** 3,067 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2009%2D01%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 5,182 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2007%2D06%2D01%2Epdf

Document Type: Monitoring Reports **Size :** 1,568 KB
Document Date: 10/30/2008 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 7/30/1991 - 10/30/2008 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8804915487/GWM%5FR%5F2000%2D02%2D17%2Epdf

Document Type: Monitoring Reports **Size :** 3,751 KB
Document Date: 10/29/2008 **Submitted By:** MARCUS TROTTA (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: THIRD QUARTER 2008 GROUNDWATER MONITORING REPORT AND CASE CLOSURE REQUEST
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3509472072/T0608500662.PDF

Document Type: Monitoring Reports **Size :** 3,604 KB
Document Date: 7/31/2008 **Submitted By:** MARCUS TROTTA (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: SECOND QUARTER 2008 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5597045004/T0608500662.PDF

Document Type: Site Documents **Size :** 2,793 KB
Document Date: 6/14/2008 **Submitted By:** CYNTHIA MANA-AY (REGULATOR)
Type: LETTER **Submitted:**
Title: CORRESPONDENCE
Title Link: https://geotracker.waterboards.ca.gov/site_documents/7696369767/CORRES%5F1985%2D%2Epdf

Document Type: Site Documents **Size :** 2,719 KB
Document Date: 6/10/2008 **Submitted By:** CYNTHIA MANA-AY (REGULATOR)
Type: LETTER **Submitted:**
Title: CORRESPONDENCE
Title Link: https://geotracker.waterboards.ca.gov/site_documents/6495956242/CORRES%5F1985%2D%2Epdf

Document Type: Site Documents **Size :**
Document Date: 5/30/2008 **Submitted By:** KRISTI CONG (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: CONT. GWM; EDF NONCOMPLIANCE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&enforcement_id=5987668

Document Type: Monitoring Reports **Size :** 5,200 KB
Document Date: 5/20/2008 **Submitted By:** MARCUS TROTTA (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: FIRST QUARTER 2008 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9076981067/T0608500662.PDF

Document Type: Monitoring Reports **Size :** 10,300 KB
Document Date: 3/19/2008 **Submitted By:** MARCUS TROTTA (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: FOURTH QUARTER 2007 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6377211630/T0608500662.PDF

Document Type: Monitoring Reports **Size :** 6,785 KB
Document Date: 10/31/2007 **Submitted By:** MARCUS TROTTA (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: THIRD QUARTER 2007 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2252361476/T0608500662.PDF

Document Type: Monitoring Reports **Size :** 7,027 KB
Document Date: 7/26/2007 **Submitted By:** MARCUS TROTTA (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: SECOND QUARTER 2007 GROUNDWATER MONITORING REPORT AND ADDITIONAL ORC® INJECTION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4265187144/T0608500662.PDF

Document Type: Site Documents **Size :** 1,672 KB
Document Date: 7/26/2007 **Submitted By:** MARCUS TROTTA (AUTH_RP)
Type: WORKPLANS - OTHER WP **Submitted:**
Title: WORK PLAN FOR WELL DESTRUCTIONS AND REPLACEMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2185882389/T0608500662.PDF

Document Type: Site Documents **Size :**
Document Date: 7/25/2007 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: WELL DESTRUCTION WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5884787

Document Type: Monitoring Reports **Size :** 2,807 KB
Document Date: 6/4/2007 **Submitted By:** MARCUS TROTTA (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: FIRST QUARTER 2007 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8154538810/T0608500662.PDF

Document Type: Monitoring Reports **Size :** 7,154 KB
Document Date: 3/6/2007 **Submitted By:** MARCUS TROTTA (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: FOURTH QUARTER 2006 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4393877923/T0608500662.PDF

Document Type: Site Documents **Size :**
Document Date: 8/24/2006 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: VERBAL COMMUNICATION **Submitted:**
Title: PHONE LOG FROM LUSTROP 4/20/1988 - 8/24/2006
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874192

Document Type: Site Documents **Size :**
Document Date: 2/23/2004 **Submitted By:** CANDACE GARCIA (REGULATOR)

Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: STATUS REPORT 12/4/1990 - 2/23/2004
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874185

Document Type: Site Documents **Size :**
Document Date: 8/26/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: INTERIM REMEDIAL ACTION REPORT **Submitted:**
Title: INTERIM REMEDIAL REPORT 7/30/2002 - 8/26/2003
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874199

Document Type: Site Documents **Size :**
Document Date: 7/31/2002 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: STATE RELATED COORESPONDENCE FROM LUSTOP 11/12/1985 - 7/31/2002
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874184

Document Type: Site Documents **Size :**
Document Date: 6/3/2002 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: ADDENDUM FROM LUSTOP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874206

Document Type: Site Documents **Size :**
Document Date: 4/4/2002 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: INTERIM REMEDIAL ACTION PLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5884788

Document Type: Site Documents **Size :**
Document Date: 9/18/2001 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: SOIL AND WATER INVESTIGATION WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5884789

Document Type: Site Documents **Size :**
Document Date: 10/26/1995 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: CAP/RAP - OTHER REPORT **Submitted:**
Title: CORRECTIVE ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874205

Document Type: Site Documents **Size :**
Document Date: 7/24/1995 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: MISCELLANEOUS REPORT FROM LUSTOP 4/17/1991 - 7/24/1995
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874194

Document Type: Site Documents **Size :**
Document Date: 11/28/1994 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: SOIL AND WATER INVESTIGATION WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5884790

Document Type: Site Documents **Size :**
Document Date: 8/24/1994 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: MISCELLANEOUS SAMPLE RESULTS FROM LUSTOP 4/11/1985 - 8/24/1994
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874165

Document Type: Site Documents **Size :**
Document Date: 4/22/1992 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: REMEDIAL PROGRESS REPORT **Submitted:**
Title: REMEDIAL REPORT 4/22/1992 - 8/31/1995
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874193

Document Type: Site Documents **Size :**
Document Date: 12/20/1991 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title: MIGRATION CONTROL REPORT 10/31/1991 - 12/20/1991
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874196

Document Type: Site Documents
Document Date: 11/6/1991
Type: OTHER REPORT / DOCUMENT
Title: START UP REPORTS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874201
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 1/4/1991
Type: SOIL AND WATER INVESTIGATION WORKPLAN
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5884791
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 7/2/1986
Type: OTHER REPORT / DOCUMENT
Title: ADDITIONAL INFORMATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874207
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 10/7/1985
Type: WELL INSTALLATION REPORT
Title: WELL CONSTRUCTION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874181
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 5/28/1985
Type: UNAUTHORIZED RELEASE FORM
Title: URF
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874182
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 1/12/1983
Type: OTHER REPORT / DOCUMENT
Title: MAPS METROSCAN FROM LUSTOP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500662&document_id=5874197
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

LUST Sites from GeoTracker Search - Related Cases (as of May 29, 2021)

Identifier: T10000011488
Project Name: Anantara Villas
Status: COMPLETED - CASE CLOSED
Description:
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000011488
Address: 1850/1890 El Camino Real
City: SANTA CLARA
Association: Related Global ID

14	3 of 5	SW	0.10 / 521.81	78.33 / 3	El Camino Auto Care 1810 EL CAMINO REAL SANTA CLARA CA 95050	DELISTED HAZ

Siteid: 380599
Latitude: 37.352243
Longitude: -121.957400
Original Source: CHAZ
Record Date: 30-MAY-2017

14	4 of 5	SW	0.10 / 521.81	78.33 / 3	JIMMY'S AUTO & BODY SHOP 1810 EL CAMINO REAL SANTA CLARA CA 95050	CUPA SANTACLARA

Facility ID: FA0230223
GIS Latitude: 37.352244
GIS Longitude: -121.957529

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Record ID: PR0330221
PE: 2202
Description: GENERATES < 100 KG/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

14	5 of 5	SW	0.10 / 521.81	78.33 / 3	JAY AUTO MASTER 1810 EL CAMINO REAL #1 SANTA CLARA CA 95050	CUPA SANTACLARA

Facility ID: FA0230215
GIS Latitude: 37.352244
GIS Longitude: -121.957529

Details

Record ID: PR0330211
PE: 2201
Description: GENERATES WASTE OIL ONLY
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

15	1 of 2	SW	0.10 / 547.23	77.76 / 2	ANANTARA VILLAS 1850/1890 EL CAMINO REAL SANTA CLARA CA 95050	CLEANUP SITES

Global ID: T10000011488
Status: COMPLETED - CASE CLOSED
Status Date: 6/18/2018
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download
Latitude: 37.35204
Longitude: -121.95793
County: SANTA CLARA

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: 2018-07s
Begin Date: 3/15/2018
File Location: All Files are on GeoTracker or in the Local Agency Database
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
Potential COC: Benzene, Ethylbenzene, Toluene, Total Petroleum Hydrocarbons (TPH), Xylene
Potential Media of Concern: Other Groundwater (uses other than drinking water), Soil, Soil Vapor
How Discovered:
How Discovered Description:
Stop Description:
CalWater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
CalEnviroScreen Score: 16-20%
Site History:
Stop Method:
CUF Case: NO
Case Worker: AC

Current Site status: The Site is currently under construction with plans for a four-story residential building with surface parking. Site Management Requirements: Residual contamination remains at the Site; however, the concentrations of the residual contamination reported are below established environmental screening levels and are acceptable for the intended land use. The DEH shall be notified if there are proposed changes in land use and if any unexpected contamination or hazardous material is encountered in the subsurface at the Site.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date: 2018-06-18 00:00:00
Action: Closure/No Further Action Letter

Action Type: RESPONSE
Date: 2018-05-24 00:00:00
Action: Other Report / Document

Action Type: RESPONSE
Date: 2018-04-27 00:00:00
Action: Soil Vapor Intrusion Investigation Report

Action Type: ENFORCEMENT
Date: 2018-04-03 00:00:00
Action: Staff Letter

Action Type: ENFORCEMENT
Date: 2018-03-27 00:00:00
Action: Cost Recovery Agreement / N. of Reimbursement

Action Type: ENFORCEMENT
Date: 2018-03-27 00:00:00
Action: Staff Letter

Action Type: RESPONSE
Date: 2018-03-15 00:00:00
Action: Other Report / Document

Action Type: ENFORCEMENT
Date: 2018-03-15 00:00:00
Action: Letter - Notice

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 2018-06-18 00:00:00

Status: Open - Verification Monitoring
Status Date: 2018-03-27 00:00:00

Status: Open - Case Begin Date
Status Date: 2018-03-15 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: AARON COSTA
Phone No: 4089181954
Organization Name: SANTA CLARA COUNTY LOP
Email: aaron.costa@cep.sccgov.org
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000011488
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 6/18/2018
Potential COC: BENZENE, ETHYLBENZENE, TOLUENE, TOTAL PETROLEUM HYDROCARBONS (TPH), XYLENE
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Groundwater Monitoring
Facility Type:
WDR Place Type:
Wdr File No:
Wdr Order No:

Frequen:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
CalWater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management: NOTIFY PRIOR TO CHANGE IN LAND USE
NOTIFY PRIOR TO DEVELOPMENT
Future Land Use: RESIDENTIAL
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD) - CASE #: 2018-07s
CASEWORKER: AARON COSTA
SAN FRANCISCO BAY RWQCB (REGION 2)
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000011488&tabname=regulatoryhistory
Site History:

Current Site status: The Site is currently under construction with plans for a four-story residential building with surface parking.
Site Management Requirements: Residual contamination remains at the Site; however, the concentrations of the residual contamination reported are below established environmental screening levels and are acceptable for the intended land use. The DEH shall be notified if there are proposed changes in land use and if any unexpected contamination or hazardous material is encountered in the subsurface at the Site.

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date: 6/18/2018
Received Issue Date: 6/18/2018
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011488&enforcement_id=6361401&temptable=ENFORCEMENT
Title Description Comments:

Closure Letter

Action Type: Response Requested - Other
Action Date: 5/24/2018
Received Issue Date: 5/24/2018
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011488&doc_id=5966282
Title Description Comments:

Notice of Completion of Earthwork Activities

Action Type: Response Requested - Reports
Action Date: 4/27/2018
Received Issue Date: 4/3/2018
Action: Soil Vapor Intrusion Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011488&doc_id=5960466
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 4/3/2018
Received Issue Date: 4/3/2018
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011488&enforcement_id=6353606&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 3/27/2018
Received Issue Date: 3/27/2018
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011488&enforcement_id=6352466&temptable=ENFORCEMENT
Title Description Comments:

Request for Soil Vapor Assessment Report

Action Type: Agreements
Action Date: 3/27/2018
Received Issue Date: 3/27/2018
Action: Cost Recovery Agreement / N. of Reimbursement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011488&enforcement_id=6352458&temptable=ENFORCEMENT
Title Description Comments:

Remedial Action Agreement

Action Type: Response Requested - Other
Action Date: 3/15/2018
Received Issue Date: 3/15/2018
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011488&doc_id=5960462
Title Description Comments:

Application for Regulatory Oversight

Action Type: Notices
Action Date: 3/15/2018
Received Issue Date: 3/15/2018
Action: Letter - Notice
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011488&enforcement_id=6352459&temptable=ENFORCEMENT
Title Description Comments:

HSC 101480 Notice

Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents ***Submitted:***
Document Date: 6/18/2018 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: CLOSURE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011488&enforcement_id=6361401
Type: CLOSURE/NO FURTHER ACTION LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 5/24/2018 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: NOTICE OF COMPLETION OF EARTHWORK ACTIVITIES
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011488&document_id=5966282
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents ***Submitted:***
Document Date: 4/3/2018 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011488&enforcement_id=6353606
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 3/28/2018 ***Submitted By:*** PETER LITTMAN (AUTH_RP)
Size : 4,322 KB
Title: PHASE II SOIL. SOIL VAPOR, AND GROUNDWATER INVESTIGATION REPORT - 1890 EL CAMINO REAL, SANTA CLARA, CA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1932888925/T10000011488.PDF
Type: SITE INVESTIGATION

Document Type: Site Documents ***Submitted:***
Document Date: 3/27/2018 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: REMEDIAL ACTION AGREEMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011488&enforcement_id=6352458

Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT

Document Type: Site Documents
Submitted:
Document Date: 3/27/2018
Submitted By: AARON COSTA (REGULATOR)
Size :
Title: REQUEST FOR SOIL VAPOR ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011488&enforcement_id=6352466
Type: STAFF LETTER

Document Type: Site Documents
Submitted:
Document Date: 3/15/2018
Submitted By: AARON COSTA (REGULATOR)
Size :
Title: HSC 101480 NOTICE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011488&enforcement_id=6352459
Type: LETTER - NOTICE

Document Type: Site Documents
Submitted:
Document Date: 3/15/2018
Submitted By: AARON COSTA (REGULATOR)
Size :
Title: APPLICATION FOR REGULATORY OVERSIGHT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011488&document_id=5960462
Type: OTHER REPORT / DOCUMENT

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Completed - Case Closed
Date: 6/18/2018

Status: Open - Verification Monitoring
Date: 3/27/2018

Status: Open - Case Begin Date
Date: 3/15/2018

Sites from GeoTracker Search - Related Cases (as of May 29, 2021)

Identifier: T0608500662
Address: 1810 EL CAMINO REAL
Status: COMPLETED - CASE CLOSED
City: SANTA CLARA
Association: Related Global ID
Description:
Project Name: GANGI INVESTMENTS
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608500662

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15 | **2 of 2** | **SW** | **0.10 / 547.23** | **77.76 / 2** | **NEXGEN BUILDERS INC**
1850 EL CAMINO RL
SANTA CLARA CA 95050 | **RCRA NON GEN**

EPA Handler ID: CAC003071062
Gen Status Universe: No Report
Contact Name: GIL ROBERTS
Contact Address: 1850 EL CAMINO RL , , SANTA CLARA , CA, 95050 ,
Contact Phone No and Ext: 408-348-3736
Contact Email: GIL@NEXGENBUILDERS.COM
Contact Country:
County Name: SANTA CLARA
EPA Region: 09
Land Type:
Receive Date: 20200616
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200616
Handler Name:	NEXGEN BUILDERS INC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	12930 SARATOGA AVE SUITE B1
Name:	LEGENDS SANTACLARA LLC	***Street 2:***	
Date Became Current:		***City:***	SARATOGA
Date Ended Current:		***State:***	CA
Phone:	669-209-2988	***Country:***	
Source Type:	Implementer	***Zip Code:***	95070

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1850 EL CAMINO RL
Name:	GIL ROBERTS	***Street 2:***	
Date Became Current:		***City:***	SANTA CLARA
Date Ended Current:		***State:***	CA
Phone:	408-348-3736	***Country:***	
Source Type:	Implementer	***Zip Code:***	95050

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16 | ***1 of 12*** | ***NNE*** | ***0.12 / 608.00*** | ***66.33 / -9*** | ***CITY OF SANTA CLARA CITY HALL 1500 WARBURTON AVENUE SANTA CLARA CA 95050*** | ***CLEANUP SITES***

Global ID:	T10000002145	***Latitude:***	37.3550807517729
Status:	COMPLETED - CASE CLOSED	***Longitude:***	-121.954309344292
Status Date:	12/20/2010	***County:***	SANTA CLARA
Site Facility Type:	CLEANUP PROGRAM SITE		
Data Source:	Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:	007	***Stop Method:***	Close and Replace Tank
Local Case No:	07S1W03H04s	***CUF Case:***	NO
Begin Date:	5/10/2010	***Case Worker:***	
File Location:	All Files are on GeoTracker or in the Local Agency Database		

Lead Agency:	SANTA CLARA COUNTY LOP
Local Agency:	
Potential COC:	Waste Oil / Motor / Hydraulic / Lubricating
Potential Media of Concern:	Other Groundwater (uses other than drinking water)
How Discovered:	Other Means
How Discovered Description:	4/09 lift was noted to be low of oil and didn't pass the load test
Stop Description:	removed and replaced hydraulic lift
CalWater Watershed Name:	Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	
CalEnviroScreen Score:	76-80%
Site History:	

Hydraulic lift for elevator leaked and hydraulic fluid was found on groundwater in April 2010. Some product recovery was conducted and some soil excavation was conducted. Replacement lift installed and hole closed. Soil and groundwater contamination limited to inside the building. Groundwater not impacted with volatile organics or PCBs.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type:	RESPONSE
Date:	2011-01-10 00:00:00
Action:	Site Assessment Report
Action Type:	ENFORCEMENT
Date:	2010-12-20 00:00:00
Action:	Closure/No Further Action Letter
Action Type:	RESPONSE
Date:	2010-12-03 00:00:00
Action:	Correspondence
Action Type:	RESPONSE
Date:	2010-09-01 00:00:00
Action:	Soil and Water Investigation Workplan
Action Type:	ENFORCEMENT
Date:	2010-08-31 00:00:00
Action:	Staff Letter
Action Type:	ENFORCEMENT
Date:	2010-07-09 00:00:00
Action:	Staff Letter
Action Type:	RESPONSE
Date:	2010-07-08 00:00:00
Action:	Correspondence
Action Type:	RESPONSE
Date:	2010-06-23 00:00:00
Action:	Correspondence
Action Type:	ENFORCEMENT
Date:	2010-05-19 00:00:00
Action:	Cost Recovery Agreement / N. of Reimbursement
Action Type:	ENFORCEMENT
Date:	2010-05-18 00:00:00
Action:	Staff Letter
Action Type:	RESPONSE
Date:	2010-05-17 00:00:00
Action:	Correspondence
Action Type:	REMEDIATION
Date:	2010-05-11 00:00:00
Action:	Excavation

Action Type: RESPONSE
Date: 2010-05-10 00:00:00
Action: Correspondence

Action Type: Other
Date: 2010-05-10 00:00:00
Action: Leak Reported

Action Type: REMEDIATION
Date: 2010-04-22 00:00:00
Action: Pump & Treat (P&T) Groundwater

Action Type: REMEDIATION
Date: 2010-04-21 00:00:00
Action: Free Product Removal

Action Type: Other
Date: 2010-04-01 00:00:00
Action: Leak Discovery

Action Type: Other
Date: 2010-04-01 00:00:00
Action: Leak Stopped

Action Type: Other
Date: 2009-04-01 00:00:00
Action: Leak Began

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 2010-12-20 00:00:00

Status: Open - Site Assessment
Status Date: 2010-06-22 00:00:00

Status: Open - Case Begin Date
Status Date: 2010-05-10 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Phone No:
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Email:
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000002145
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 12/20/2010
Potential COC: WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
Groundwater Monitoring Frequen:
Facility Type:
WDR Place Type:
Wdr File No:
Wdr Order No:

DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
CalWater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management: NOTIFY PRIOR TO CHANGE IN LAND USE
NOTIFY PRIOR TO DEVELOPMENT
NOTIFY PRIOR TO SUBSURFACE WORK
ONLY EXTRACTION OF GROUNDWATER FOR SITE REMEDIATION PERMITTED
Future Land Use: COMMERCIAL
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD) - CASE #: 07S1W03H04s
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 007
CASEWORKER: Regional Water Board
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000002145&tabname=regulatoryhistory
Site History:

Hydraulic lift for elevator leaked and hydraulic fluid was found on groundwater in April 2010. Some product recovery was conducted and some soil excavation was conducted. Replacement lift installed and hole closed. Soil and groundwater contamination limited to inside the building. Groundwater not impacted with volatile organics or PCBs.

Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: EXCAVATION
Phase: Soil
Begin Date: 5/11/2010
End Date: 5/14/2010
Description:
Contaminant Mass Removed:

Action Type: PUMP & TREAT (P&T) GROUNDWATER
Phase: Water
Begin Date: 4/22/2010
End Date: 5/11/2010
Description: groundwater and free product discharged to sanitary sewer
Contaminant Mass Removed:

Action Type: FREE PRODUCT REMOVAL
Phase: Liquid Waste
Begin Date: 4/21/2010
End Date: 4/21/2010
Description: volume reported is of FP with groundwater.
Contaminant Mass Removed:

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Reports
Action Date: 1/10/2011
Received Issue Date: 11/15/2010
Action: Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000002145&doc_id=5694236
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 12/20/2010
Received Issue Date: 12/20/2010
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002145&enforcement_id=6075692&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 12/3/2010
Received Issue Date: 12/3/2010
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000002145&doc_id=5700545
Title Description Comments:

Misc Email Correspondence from Nov/Dec 2010

Action Type: Response Requested - Workplans
Action Date: 9/1/2010
Received Issue Date: 8/24/2010

Action: Soil and Water Investigation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000002145&doc_id=5671638
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 8/31/2010
Received Issue Date: 8/31/2010
Action: Staff Letter
Doc Link:
Title Description Comments:

app work plan

Action Type: Other Regulatory Actions
Action Date: 7/9/2010
Received Issue Date: 7/9/2010
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002145&enforcement_id=6056680&temptable=ENFORCEMENT
Title Description Comments:

request wp for site characterization

Action Type: Response Requested - Other
Action Date: 7/8/2010
Received Issue Date: 7/8/2010
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000002145&doc_id=5671629
Title Description Comments:

transmittal of report

Action Type: Response Requested - Other
Action Date: 6/23/2010
Received Issue Date: 6/23/2010
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000002145&doc_id=5670611
Title Description Comments:

Laboratory Report

Action Type: Agreements
Action Date: 5/19/2010
Received Issue Date: 5/19/2010
Action: Cost Recovery Agreement / N. of Reimbursement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002145&enforcement_id=6054451&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 5/18/2010
Received Issue Date: 5/18/2010
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002145&enforcement_id=6055080&temptable=ENFORCEMENT
Title Description Comments:

okay replacement of elevator and closing of hole

Action Type: Response Requested - Other
Action Date: 5/17/2010
Received Issue Date: 5/17/2010
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000002145&doc_id=5670610

Title Description Comments:

Laboratory Report

Action Type: Cleanup Action
Action Date: 5/11/2010
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 5/10/2010
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 5/10/2010
Received Issue Date: 5/10/2010
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000002145&doc_id=5670609
Title Description Comments:

Laboratory Report

Action Type: Cleanup Action
Action Date: 4/22/2010
Received Issue Date:
Action: Pump & Treat (P&T) Groundwater
Doc Link:
Title Description Comments:

groundwater and free product discharged to sanitary sewer

Action Type: Cleanup Action
Action Date: 4/21/2010
Received Issue Date:
Action: Free Product Removal
Doc Link:
Title Description Comments:

volume reported is of FP with groundwater.

Action Type: Leak Action
Action Date: 4/1/2010
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 4/1/2010
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 4/1/2009
Received Issue Date:

Action: Leak Began
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents ***Submitted:***
Document Date: 12/20/2010 ***Submitted By:*** LANI LEE (REGULATOR)
Size :
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002145&enforcement_id=6075692
Type: CLOSURE/NO FURTHER ACTION LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 12/3/2010 ***Submitted By:*** LANI LEE (REGULATOR)
Size :
Title: MISC EMAIL CORRESPONDENCE FROM NOV/DEC 2010 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002145&document_id=5700545
Type: CORRESPONDENCE

Document Type: Site Documents ***Submitted:***
Document Date: 11/9/2010 ***Submitted By:*** GREEN ENVIRONMENT INC. (AUTH_RP)
Size : 11,462 KB
Title: EXPANDED SUBSURFACE INVESTIGATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3066950500/T10000002145.PDF
Type: SOIL AND WATER INVESTIGATION REPORT

Document Type: Site Documents ***Submitted:***
Document Date: 8/24/2010 ***Submitted By:*** GREEN ENVIRONMENT INC. (AUTH_RP)
Size : 955 KB
Title: EXPANDED SUBSURFACE INVESTIGATION WORK PLAN, ELEVATOR AREA, 1500 WARBURTON AVENUE, SANTA CLARA, CA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4514611661/T10000002145.PDF
Type: SITE INVESTIGATION WORKPLAN

Document Type: Site Documents ***Submitted:***
Document Date: 7/9/2010 ***Submitted By:*** LANI LEE (REGULATOR)
Size :
Title: REQUEST WP FOR SITE CHARACTERIZATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002145&enforcement_id=6056680
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 7/8/2010 ***Submitted By:*** LANI LEE (REGULATOR)
Size :
Title: TRANSMITTAL OF REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002145&document_id=5671629
Type: CORRESPONDENCE

Document Type: Site Documents ***Submitted:***
Document Date: 7/7/2010 ***Submitted By:*** GREEN ENVIRONMENT INC. (AUTH_RP)
Size : 3,787 KB
Title: LIMITED REMEDIATION REPORT, ELEVATOR PIT AREA, 1500 WARBURTON AVENUE, SANTA CLARA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9030167937/T10000002145.PDF
Type: REMEDIAL INVESTIGATION REPORT

Document Type: Site Documents ***Submitted:***
Document Date: 6/23/2010 ***Submitted By:*** LANI LEE (REGULATOR)
Size :
Title: LABORATORY REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002145&document_id=5670611
Type: CORRESPONDENCE

Document Type: Site Documents ***Submitted:***
Document Date: 5/19/2010 ***Submitted By:*** LANI LEE (REGULATOR)
Size :
Title: UNKNOWN

Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002145&enforcement_id=6054451
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT

Document Type: Site Documents
Submitted:
Document Date: 5/18/2010
Submitted By: LANI LEE (REGULATOR)
Size :
Title: OKAY REPLACEMENT OF ELEVATOR AND CLOSING OF HOLE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002145&enforcement_id=6055080
Type: STAFF LETTER

Document Type: Site Documents
Submitted:
Document Date: 5/17/2010
Submitted By: LANI LEE (REGULATOR)
Size :
Title: LABORATORY REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002145&document_id=5670610
Type: CORRESPONDENCE

Document Type: Site Documents
Submitted:
Document Date: 5/10/2010
Submitted By: LANI LEE (REGULATOR)
Size :
Title: LABORATORY REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002145&document_id=5670609
Type: CORRESPONDENCE

Sites from GeoTracker Search - Site Maps (as of May 29, 2021)

Title: BORING LOG B-4 (B-4)
Submitted By: GREEN ENVIRONMENT INC. (AUTH_RP)
Size : 15 KB
Submitted: 11/23/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3071755945/T10000002145.PDF

Title: BORING LOG B-1 (B-1)
Submitted By: GREEN ENVIRONMENT INC. (AUTH_RP)
Size : 16 KB
Submitted: 11/23/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3420571863/T10000002145.PDF

Title: BORING LOG B-3 (B-3)
Submitted By: GREEN ENVIRONMENT INC. (AUTH_RP)
Size : 15 KB
Submitted: 11/23/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6898157775/T10000002145.PDF

Title: GEO_MAP
Submitted By: GREEN ENVIRONMENT INC. (AUTH_RP)
Size : 106 KB
Submitted: 11/23/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/2723977506/T10000002145.PDF

Title: BORING LOG B-2 (B-2)
Submitted By: GREEN ENVIRONMENT INC. (AUTH_RP)
Size : 15 KB
Submitted: 11/23/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4205750465/T10000002145.PDF

Title: GEO_MAP
Submitted By: GREEN ENVIRONMENT INC. (AUTH_RP)
Size : 470 KB
Submitted: 11/23/2010
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/5625390589/T10000002145.PDF

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Completed - Case Closed
Date: 12/20/2010

Status: Open - Site Assessment
Date: 6/22/2010

Status: Open - Case Begin Date
Date: 5/10/2010

16	2 of 12	NNE	0.12 / 608.00	66.33 / -9	City of Santa Clara - City Hall 1500 WARBURTON AVE SANTA CLARA CA 95050	CERS HAZ

Site ID: 106331

Latitude: 37.355662
Longitude: -121.955160
County:

Regulated Programs

EI ID: T10000002145 ***EI Description:*** Cleanup Program Site

EI ID: 10087756 ***EI Description:*** Chemical Storage Facilities

Affiliations

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 1500 Warburton Ave
City: Santa Clara
State: CA
Country:
Zip Code: 95050
Phone:

Affil Type Desc: Identification Signer
Entity Name: Ken Winland
Entity Title: Building Manager
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: Ken Winland
Entity Title:
Address: 1500 Warburton Ave
City: Santa Clara
State: CA
Country:
Zip Code: 95050
Phone:

Affil Type Desc: Document Preparer
Entity Name: Ken Winland
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: City of Santa Clara/ Ken Winland
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (408) 615-2241

Affil Type Desc: Parent Corporation
Entity Name: City of Santa Clara
Entity Title:
Address:
City:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title:
Address: 1675 Lincoln Street
City: Santa Clara
State: CA
Country:
Zip Code: 95050
Phone: (408) 615-4970

Affil Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
State: CA
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: Ken Winland
Entity Title:
Address: 1500 Warburton Ave
City: Santa Clara
State: CA
Country: United States
Zip Code: 95050
Phone: (408) 615-2241

Coordinates

Env Int Type Code: CPS
Program ID: T10000002145
Latitude: 37.355081
Longitude: -121.954309
Coord Name:
Ref Point Type Desc: Unknown

16	3 of 12	NNE	0.12 / 608.00	66.33 / -9	City of Santa Clara 1500 Warburton Ave Santa Clara CA 95050	ALT FUELS

ID: 144132
Federal Agency ID:
Federal Agency:
Fed Agency Name:
Status: Open: The station is open.
Facility Type:
Fuel Type Code: ELEC: Electric
Owner Type Desc:
Expected Date:
Dt Last Confirmed: 2021-07-11
Open Date: 2019-08-29
Updated at: 2021-07-11 22:55:18 UTC
BD Blends:
NG PSI:
NG Fill Type Code:
NG Fill Type Desc:
NG Vehicle Class:
NG Vehicle Class Desc:
E85 Blender Pump:
E85 Blender Pump Desc:
E85 Other Ethanol Blends:
EV Pricing: Level 2: $0.26 per kWh

CNG Dispenser No:
CNG Fill Type Code:
CNG Site Renew Src:
CNG PSI:
CNG Storage Cap:
CNG Tot Compr Cap:
CNG Vehicle Class:
LPG Nozzle Types:
LNG Site Renew Src:
LNG Vehicle Class:
Hydrogen is Retail:
Hydrogen Pressures:
Hydrogen Standards:
Station Phone: 888-998-2546
Latitude: 37.355154
Longitude: -121.954894

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EV Pricing French:
EV on Site Renewable Source:
LPG Primary:
LPG Primary Desc:
Intersection Directions:
Geocode Status Desc: The location is from a real GPS readout at the station.
Hydrogen Status Link:

16	4 of 12	NNE	0.12 / 608.00	66.33 / -9	CITY OF SANTA CLARA 1500 WARBURTON AVE SANTA CLARA CA 95050	RCRA NON GEN

EPA Handler ID: CAC003047705
Gen Status Universe: No Report
Contact Name: BRYAN CARTER
Contact Address: 1500 WARBURTON AVE , , SANTA CLARA , CA, 95050 ,
Contact Phone No and Ext: 408-615-2341
Contact Email: BRCARTER@SANTACLARACA.GOV
Contact Country:
County Name: SANTA CLARA
EPA Region: 09
Land Type:
Receive Date: 20191218
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20191218
Handler Name: CITY OF SANTA CLARA
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Street No:
Street 1: 1500 WARBURTON AVE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	BRYAN CARTER	**Street 2:**	
Date Became Current:		**City:**	SANTA CLARA
Date Ended Current:		**State:**	CA
Phone:	408-615-2341	**Country:**	
Source Type:	Implementer	**Zip Code:**	95050
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1500 WARBURTON AVE
Name:	CITY OF SANTA CLARA	**Street 2:**	
Date Became Current:		**City:**	SANTA CLARA
Date Ended Current:		**State:**	CA
Phone:	408-615-2341	**Country:**	
Source Type:	Implementer	**Zip Code:**	95050

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16 | ***5 of 12*** | ***NNE*** | ***0.12 / 608.00*** | ***66.33 / -9*** | ***SANTA CLARA CITY HALL #1***
1500 Warburton Ave
Santa Clara CA 95050 | ***ALT FUELS***

ID:	167600	**CNG Dispenser No:**	
Federal Agency ID:		**CNG Fill Type Code:**	
Federal Agency:		**CNG Site Renew Src:**	
Fed Agency Name:		**CNG PSI:**	
Status:	Open: The station is open.	**CNG Storage Cap:**	
Facility Type:		**CNG Tot Compr Cap:**	
Fuel Type Code:	ELEC: Electric	**CNG Vehicle Class:**	
Owner Type Desc:		**LPG Nozzle Types:**	
Expected Date:		**LNG Site Renew Src:**	
Dt Last Confirmed:	2021-07-12	**LNG Vehicle Class:**	
Open Date:	2020-10-19	**Hydrogen is Retail:**	
Updated at:	2021-07-12 00:25:20 UTC	**Hydrogen Pressures:**	
BD Blends:		**Hydrogen Standards:**	
NG PSI:		**Station Phone:**	888-758-4389
NG Fill Type Code:		**Latitude:**	37.355406
NG Fill Type Desc:		**Longitude:**	-121.954284
NG Vehicle Class:			
NG Vehicle Class Desc:			
E85 Blender Pump:			
E85 Blender Pump Desc:			
E85 Other Ethanol Blends:			
EV Pricing:			
EV Pricing French:			
EV on Site Renewable Source:			
LPG Primary:			
LPG Primary Desc:			
Intersection Directions:			
Geocode Status Desc:	The location is from a real GPS readout at the station.		
Hydrogen Status Link:			

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16 | ***6 of 12*** | ***NNE*** | ***0.12 / 608.00*** | ***66.33 / -9*** | ***CITY HALL***
1500 WARBURTON AVENUE
SANTA CLARA CA | ***UST SWEEPS***

C C:	A43-010-91158	**D Filename:**	SITE03A
BOE:		**Page No:**	92
Comp:	91158	**County:**	SANTA CLARA
Status:	ACTIVE	**State :**	CA
No of Tanks:	1	**Zip:**	95050
Jurisdict:	CITY OF SANTA CLARA	**Latitude:**	37.355422
Agency:	FIRE DEPARTMENT	**Longitude:**	-121.954153
Phone:		**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:	91158T001	**Stg:**	P

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SWRCB No:	43-010-091158-000001	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:	01-09-91	**Content:**	DIESEL
Capac:	520	**ONA:**	MANOJ KUMAR
Tank Use:	M.V. FUEL	**D File Name:**	TANK3A

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16 | **7 of 12** | **NNE** | **0.12 / 608.00** | **66.33 / -9** | **SANTA CLARA CITY HALL #3**
1500 Warburton Ave
Santa Clara CA 95050 | **ALT FUELS**

ID:	181563	**CNG Dispenser No:**	
Federal Agency ID:		**CNG Fill Type Code:**	
Federal Agency:		**CNG Site Renew Src:**	
Fed Agency Name:		**CNG PSI:**	
Status:	Open: The station is open.	**CNG Storage Cap:**	
Facility Type:		**CNG Tot Compr Cap:**	
Fuel Type Code:	ELEC: Electric	**CNG Vehicle Class:**	
Owner Type Desc:		**LPG Nozzle Types:**	
Expected Date:		**LNG Site Renew Src:**	
Dt Last Confirmed:	2021-07-12	**LNG Vehicle Class:**	
Open Date:	2021-01-27	**Hydrogen is Retail:**	
Updated at:	2021-07-12 00:25:20 UTC	**Hydrogen Pressures:**	
BD Blends:		**Hydrogen Standards:**	
NG PSI:		**Station Phone:**	888-758-4389
NG Fill Type Code:		**Latitude:**	37.355365
NG Fill Type Desc:		**Longitude:**	-121.954036
NG Vehicle Class:			
NG Vehicle Class Desc:			
E85 Blender Pump:			
E85 Blender Pump Desc:			
E85 Other Ethanol Blends:			
EV Pricing:			
EV Pricing French:			
EV on Site Renewable Source:			
LPG Primary:			
LPG Primary Desc:			
Intersection Directions:			
Geocode Status Desc:	The location is from a real GPS readout at the station.		
Hydrogen Status Link:			

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16 | **8 of 12** | **NNE** | **0.12 / 608.00** | **66.33 / -9** | **SANTA CLARA CITY HALL #2**
1500 Warburton Ave
Santa Clara CA 95050 | **ALT FUELS**

ID:	181564	**CNG Dispenser No:**	
Federal Agency ID:		**CNG Fill Type Code:**	
Federal Agency:		**CNG Site Renew Src:**	
Fed Agency Name:		**CNG PSI:**	
Status:	Open: The station is open.	**CNG Storage Cap:**	
Facility Type:		**CNG Tot Compr Cap:**	
Fuel Type Code:	ELEC: Electric	**CNG Vehicle Class:**	
Owner Type Desc:		**LPG Nozzle Types:**	
Expected Date:		**LNG Site Renew Src:**	
Dt Last Confirmed:	2021-07-12	**LNG Vehicle Class:**	
Open Date:	2021-01-27	**Hydrogen is Retail:**	
Updated at:	2021-07-12 00:25:20 UTC	**Hydrogen Pressures:**	
BD Blends:		**Hydrogen Standards:**	
NG PSI:		**Station Phone:**	888-758-4389
NG Fill Type Code:		**Latitude:**	37.355397
NG Fill Type Desc:		**Longitude:**	-121.954161
NG Vehicle Class:			
NG Vehicle Class Desc:			
E85 Blender Pump:			
E85 Blender Pump Desc:			
E85 Other Ethanol Blends:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EV Pricing:
EV Pricing French:
EV on Site Renewable Source:
LPG Primary:
LPG Primary Desc:
Intersection Directions:
Geocode Status Desc: The location is from a real GPS readout at the station.
Hydrogen Status Link:

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16 | ***9 of 12*** | ***NNE*** | ***0.12 / 608.00*** | ***66.33 / -9*** | ***SANTA CLARA CITY HALL #4***
1500 Warburton Ave
Santa Clara CA 95050 | ***ALT FUELS***

ID: 181565
Federal Agency ID:
Federal Agency:
Fed Agency Name:
Status: Open: The station is open.
Facility Type:
Fuel Type Code: ELEC: Electric
Owner Type Desc:
Expected Date:
Dt Last Confirmed: 2021-07-12
Open Date: 2021-01-27
Updated at: 2021-07-12 00:25:20 UTC
BD Blends:
NG PSI:
NG Fill Type Code:
NG Fill Type Desc:
NG Vehicle Class:
NG Vehicle Class Desc:
E85 Blender Pump:
E85 Blender Pump Desc:
E85 Other Ethanol Blends:
EV Pricing:
EV Pricing French:
EV on Site Renewable Source:
LPG Primary:
LPG Primary Desc:
Intersection Directions:
Geocode Status Desc: The location is from a real GPS readout at the station.
Hydrogen Status Link:

CNG Dispenser No:
CNG Fill Type Code:
CNG Site Renew Src:
CNG PSI:
CNG Storage Cap:
CNG Tot Compr Cap:
CNG Vehicle Class:
LPG Nozzle Types:
LNG Site Renew Src:
LNG Vehicle Class:
Hydrogen is Retail:
Hydrogen Pressures:
Hydrogen Standards:
Station Phone: 888-758-4389
Latitude: 37.355352
Longitude: -121.954015

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16 | ***10 of 12*** | ***NNE*** | ***0.12 / 608.00*** | ***66.33 / -9*** | ***CITY OF SANTA CLARA***
1500 WARBURTON AVENUE
WATER DEPT.
SANTA CLARA CA 95050 | ***RCRA NON GEN***

EPA Handler ID: CAC003103501
Gen Status Universe: No Report
Contact Name: JULIE RODRIGUEZ
Contact Address: 1500 WARBURTON AVENUE , WATER DEPT. , SANTA CLARA , CA, 95050 ,
Contact Phone No and Ext: 408-615-2031
Contact Email: JRODRIGUEZ1@SANTACLARACA.GOV
Contact Country:
County Name: SANTA CLARA
EPA Region: 09
Land Type:
Receive Date: 20210201
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20210201
Handler Name:	CITY OF SANTA CLARA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1500 WARBURTON AVENUE
Name:	CITY OF SANTA CLARA	**Street 2:**	WATER DEPT.
Date Became Current:		**City:**	SANTA CLARA
Date Ended Current:		**State:**	CA
Phone:	408-615-2011	**Country:**	
Source Type:	Implementer	**Zip Code:**	95050

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1500 WARBURTON AVENUE
Name:	JULIE RODRIGUEZ	**Street 2:**	WATER DEPT.
Date Became Current:		**City:**	SANTA CLARA
Date Ended Current:		**State:**	CA
Phone:	408-615-2031	**Country:**	
Source Type:	Implementer	**Zip Code:**	95050

16	11 of 12	NNE	0.12 / 608.00	66.33 / -9	CITY OF SANTA CLARA 1500 WARBURTON AVE SANTA CLARA CA 95050	RCRA NON GEN

EPA Handler ID:	CAC003098886
Gen Status Universe:	No Report
Contact Name:	BRYAN CARTER
Contact Address:	1500 WARBURTON AVE , , SANTA CLARA , CA, 95050 ,
Contact Phone No and Ext:	408-613-3000
Contact Email:	BRCARTER@SANTACLARACA.GOV
Contact Country:	
County Name:	SANTA CLARA
EPA Region:	09
Land Type:	
Receive Date:	20211229
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20211229
Handler Name:	CITY OF SANTA CLARA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1500 WARBURTON AVE
Name:	BRYAN CARTER	***Street 2:***	
Date Became Current:		***City:***	SANTA CLARA
Date Ended Current:		***State:***	CA
Phone:	408-613-3000	***Country:***	
Source Type:	Implementer	***Zip Code:***	95050

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1500 WARBURTON AVE
Name:	CITY OF SANTA CLARA	***Street 2:***	
Date Became Current:		***City:***	SANTA CLARA
Date Ended Current:		***State:***	CA
Phone:	408-613-3000	***Country:***	
Source Type:	Implementer	***Zip Code:***	95050

16	***12 of 12***	***NNE***	***0.12 / 608.00***	***66.33 / -9***	***CITY OF SANTA CLARA 1500 WARBURTON AVE SANTA CLARA CA 95050***	***RCRA NON GEN***

EPA Handler ID:	CAC003100330
Gen Status Universe:	No Report
Contact Name:	NELSON LUI
Contact Address:	1500 WARBURTON AVE , , SANTA CLARA , CA, 95050 ,
Contact Phone No and Ext:	408-615-2001
Contact Email:	NLUI@SANTACLARACA.GOV
Contact Country:	
County Name:	SANTA CLARA

EPA Region: 09
Land Type:
Receive Date: 20210111
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210111
Handler Name: CITY OF SANTA CLARA
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: NELSON LUI
Date Became Current:
Date Ended Current:
Phone: 408-615-2001
Source Type: Implementer
Street No:
Street 1: 1500 WARBURTON AVE
Street 2:
City: SANTA CLARA
State: CA
Country:
Zip Code: 95050

Owner/Operator Ind: Current Owner
Type: Other
Name: CITY OF SANTA CLARA
Date Became Current:
Date Ended Current:
Phone: 408-615-2001
Source Type: Implementer
Street No:
Street 1: 1500 WARBURTON AVE
Street 2:
City: SANTA CLARA
State: CA
Country:
Zip Code: 95050

17	1 of 4	SSE	0.13 / 696.61	76.83 / 1	Santa Clara Lumber 1650 Clay St Santa Clara CA	LOP SANTACLARA

SCVWD ID: 07S1W03J01f
Closure Date: 9/12/1996
Link: http://lustop.sccgov.org/files/07S1W03J01f/

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
17	2 of 4	SSE	0.13 / 696.61	76.83 / 1	SANTA CLARA LUMBER 1650 CLAY ST SANTA CLARA CA 95050	LUST

Global ID: T0608501197
Status: COMPLETED - CASE CLOSED
Status Date: 9/12/1996
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download

County: SANTA CLARA
Latitude: 37.3516864313638
Longitude: -121.954486370087

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 7/30/1993
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: NO

Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 21-25%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date : 9/12/1996
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 9/12/1996
Action: Closure/No Further Action Letter

Action Type: Other
Date : 7/30/1993
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 9/12/1996

Status: Open - Case Begin Date
Status Date: 7/30/1993

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	SANTA CLARA LUMBER	***Potential COC:***	GASOLINE
Site Facility Type:	LUST CLEANUP SITE	***Facility Type:***	
Cleanup Status:	COMPLETED - CASE CLOSED	***Composting Method:***	
Project Status:		***Address:***	1650 CLAY ST
WDR Place Type:		***City:***	SANTA CLARA
WDR File:		***Zip:***	95050
WDR Order:		***County:***	SANTA CLARA
CUF Priority Assig:		***CUF Claim:***	
CUF Amount Paid:			

File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608501197
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 9/12/1996
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608501197&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03J01f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 9/12/1996

Status: Open - Case Begin Date
Date : 7/30/1993

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Other
Action Date: 9/12/1996
Received Issue Date: 9/12/1996
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501197&doc_id=5827552
Title Description Comments:

SCVWD Electronic Files

Action Type: Other Regulatory Actions
Action Date: 9/12/1996
Received Issue Date: 9/12/1996
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501197&enforcement_id=6234262&temptable=ENFORCEMENT
Title Description Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Type: Leak Action
Action Date: 7/30/1993
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 9/12/1996
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: OTHER REPORT / DOCUMENT
Submitted:
Title: SCVWD ELECTRONIC FILES - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501197&document_id=5827552

Document Type: Site Documents
Document Date: 9/12/1996
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501197&enforcement_id=6234262

17	3 of 4	SSE	0.13 / 696.61	76.83 / 1	SANTA CLARA LUMBER AND MILLWORK 1650 CLAY ST SANTA CLARA CA 95050	HHSS

County: Santa Clara
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00020a78.pdf

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17	4 of 4	SSE	0.13 / 696.61	76.83 / 1	SANTA CLARA LUMBER & MILLWORK 1650 CLAY ST. SANTA CLARA CA	HIST TANK

Owner Name: VIC & TONY'S MILLWORK, INC.
Owner Street: 1650 CLAY ST.
Owner City: SANTA CLARA
Owner State: CA
Owner Zip: 95050
No of Containers: 1
County: SANTA CLARA
Facility State: CA
Facility Zip: 95050

18	1 of 8	SE	0.14 / 750.80	76.48 / 1	Estate of Carmen Laherran 1499 Lincoln St Santa Clara CA	LOP SANTACLARA

SCVWD ID: 07S1W03J02f
Closure Date: 02/24/2015
Link: http://lustop.sccgov.org/files/07S1W03J02f/

18	2 of 8	SE	0.14 / 750.80	76.48 / 1	ESTATE OF CARMEN LAHERRAN 1499 LINCOLN ST. SANTA CLARA CA 95050	LUST

Global ID: T0608500820
Status: COMPLETED - CASE CLOSED
Status Date: 2/24/2015
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: SANTA CLARA
Latitude: 37.351823
Longitude: -121.953865

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:	08-057	***Potential COC:***	Gasoline
Local Case No:	07S1W03J02f	***How Discovered:***	Tank Closure
Begin Date:	1/30/1985	***Stop Method:***	Close and Remove Tank
Lead Agency:	SANTA CLARA COUNTY LOP	***Stop Description:***	
Local Agency:	SANTA CLARA COUNTY LOP	***Case Worker:***	AC
CUF Case:	YES	***File Location:***	All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 46-50%
Site History:

Site improvements consist of an active auto body repair shop, a single-story residential building, and paved parking. The surrounding area is utilized for residential and commercial uses (Figure 1). This report documents our findings and was prepared for the exclusive use and sole reliance of the client On January 31, 1985, two 500-gallon and two 250-gallon gasoline underground storage tanks (USTs) were removed from the Site by JW Construction of San Jose, California. Subsurface soil was reportedly excavated to a depth of 20 feet, aerated, and placed back into the excavation during removal of the former USTs. Groundwater monitoring has been conducted at the Site since 1990. Based on historical analytical results, chemicals of concern (COC's) beneath the Site include total petroleum hydrocarbons as gasoline (TPH-g), benzene, toluene, ethylbenzene, and total xylene (BTEX), and methyl tert-butyl ether (MTBE). According to a review of historical documentation, two 500-gallon and two 250-gallon gasoline underground storage tanks (USTs) were removed from the Site on January 31, 1985, by JW Construction of San Jose, California. During excavation activities soils beneath the USTs were screened with a combustible gas detector. Soil beneath one of the USTs contained concentrations greater than 15,000 parts per million (ppm) of petroleum hydrocarbons. The soil was excavated to a depth of 20 feet below ground surface (bgs) where concentrations greater than 15,000 ppm of petroleum hydrocarbons were encountered. A post excavation soil sample collected from the bottom of the excavation (20 feet) directly below one of the USTs contained 2,400 ppm petroleum hydrocarbons. No sample was collected from under the other three tanks. Based on fuel pump inspection stickers, it did not appear that fuel had been delivered to the site since the mid 1950's. Analytical results from subsequent site and remedial investigations confirmed the soil and groundwater in the vicinity of the USTs were impacted with petroleum hydrocarbons. In September 1990, three groundwater monitoring wells (MW-1, MW-2 and MW-3) were installed by On-Site Technologies, Inc. (OST) to assess the extent of petroleum hydrocarbons at the site. Petroleum hydrocarbons were detected in soil and groundwater at all three well locations. Light Non-Aqueous Phase Liquid (LNAPL) was measured to be 0.34 feet thick in monitoring well MW-2. On January 31 and February 1, 1991, two soil borings (SB-1 and SB-2) and two groundwater monitoring wells (MW-4 and MW-5) were completed to further define the lateral and vertical extent of impact to the soil and groundwater beneath the Site.In an attempt to complete the delineation of impacted soil and groundwater at the Site, OST installed two additional monitoring wells (MW-6 and MW-7) and advanced one additional soil boring (SB-3) between December 1991 and January 1992. According to the March 4, 1992 OST Remedial Investigation Report, soil and groundwater analytical results from this phase of the investigation indicated that impacts to soil and groundwater had been delineated. The soil analytical data indicated that the gasoline-impacted soil appeared to be limited to a radius of approximately 50 feet and 25 feet deep from the center of the source area. An extraction well, EW-1, was installed on October 27, 1992, and pump tests were subsequently performed to evaluate the aquifer characteristics. Results from the pump tests indicated that use of dual phase extraction (DPE) was a viable option for remedial measures. The treatment system selected utilized the three shallow soil vapor extraction wells (VE-1 through VE-3) and three groundwater extraction wells (EW-1, COEX-1, and COEX-2) which were installed in October 1995. The extracted vapor was treated using thermal oxidation before discharge to the atmosphere. The extracted groundwater was treated using granular activated carbon (GAC) filtration prior to discharge to the storm drain. The remediation system was installed and began operating at the Site full time in December 1996 until August 31, 2002. On August 31, 2002, the soil vapor extraction system was shut down (but groundwater extraction continued to operate) by ATC and the Santa Clara Valley Water District (SCVWD) as the hydrocarbon concentrations in the extracted soil vapor had decreased significantly and operation of the system was deemed ineffective. As a preliminary step towards the evaluation of the site for closure, the groundwater extraction and treatment was discontinued on May 22, 2003. Two groundwater sampling events were performed to evaluate rebound of contaminant concentrations. Laboratory analytical results from groundwater samples collected during these events indicated that benzene concentrations in groundwater rebounded significantly in the extraction wells EW-1, COEX-1, and COEX-2. Due to the rebound of benzene in groundwater and a rise in groundwater elevations, the system was converted to a dual phase extraction system utilizing "stingers" and restarted on November 17, 2003. The system operated periodically until September 2005 when it was decommissioned and removed from the Site. Over the course of the active remediation phase, approximately 3 million gallons of groundwater with 440 pounds of petroleum hydrocarbons and over 150 million cubic feet of soil vapor with 4,500 pounds of hydrocarbons have been removed from subsurface. In an attempt to further evaluate the vertical and horizontal extent of petroleum impacted soil and groundwater, ATC installed four shallow groundwater monitoring wells adjacent to the existing deeper monitoring wells (MW-1 through MW-4) in November 2008. However, groundwater was not encountered in these boring, therefore wells were not installed. Analytical results from soil samples collected at these borings (ATC-1 through ATC-4) confirmed that past operation of vapor extraction wells (VE-1 through VE-3) had significantly reduced hydrocarbon concentrations in vadose zone soil. In November 2000, MW-7 was destroyed when the northern adjacent property was redeveloped into a city park. Prior to its destruction, low levels of petroleum constituents had been detected in groundwater samples collected from the well.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date : 2/24/2015
Action: Closure/No Further Action Letter

Action Type: RESPONSE
Date : 2/20/2015
Action: Well Destruction Report

Action Type: ENFORCEMENT
Date : 12/17/2014
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 9/22/2014
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 7/16/2014
Action: Notification - Public Notice of Case Closure

Action Type: ENFORCEMENT
Date : 6/26/2013
Action: Staff Letter

Action Type: RESPONSE
Date : 6/26/2013
Action: Correspondence

Action Type: RESPONSE
Date : 6/26/2013
Action: Other Report / Document

Action Type: RESPONSE
Date : 6/7/2013
Action: Site Assessment Report - Regulator Responded

Action Type: RESPONSE
Date : 6/7/2013
Action: Other Report / Document

Action Type: RESPONSE
Date : 6/7/2013
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 4/30/2013
Action: Monitoring Report - Semi-Annually

Action Type: RESPONSE
Date : 4/2/2013
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 2/1/2013
Action: Staff Letter

Action Type: RESPONSE
Date : 2/1/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Action Type: RESPONSE
Date : 1/22/2013
Action: Other Workplan

Action Type: ENFORCEMENT
Date : 12/6/2012
Action: Staff Letter

Action Type: RESPONSE
Date : 11/16/2012
Action: Other Report / Document

Action Type: RESPONSE

Date : 10/30/2012
Action: Monitoring Report - Semi-Annually

Action Type: ENFORCEMENT
Date : 9/25/2012
Action: Staff Letter

Action Type: RESPONSE
Date : 8/31/2012
Action: Conceptual Site Model - Regulator Responded

Action Type: ENFORCEMENT
Date : 5/15/2012
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 4/3/2012
Action: Staff Letter

Action Type: RESPONSE
Date : 1/30/2012
Action: Monitoring Report - Semi-Annually

Action Type: ENFORCEMENT
Date : 9/22/2011
Action: Staff Letter

Action Type: RESPONSE
Date : 4/30/2011
Action: Monitoring Report - Semi-Annually

Action Type: RESPONSE
Date : 1/10/2011
Action: Soil and Water Investigation Report

Action Type: ENFORCEMENT
Date : 10/6/2010
Action: Staff Letter

Action Type: RESPONSE
Date : 9/29/2010
Action: Other Workplan

Action Type: RESPONSE
Date : 9/20/2010
Action: Other Workplan

Action Type: RESPONSE
Date : 4/30/2010
Action: Monitoring Report - Semi-Annually

Action Type: RESPONSE
Date : 10/31/2009
Action: Monitoring Report - Semi-Annually

Action Type: ENFORCEMENT
Date : 7/30/2009
Action: Staff Letter

Action Type: RESPONSE
Date : 12/31/2008
Action: Well Installation Report

Action Type: ENFORCEMENT
Date : 9/4/2008
Action: Staff Letter

Action Type: RESPONSE
Date : 8/22/2008

Action: Well Installation Workplan

Action Type: ENFORCEMENT
Date : 8/20/2008
Action: Staff Letter - #802080

Action Type: RESPONSE
Date : 12/1/2005
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 1/28/2004
Action: Other Workplan

Action Type: RESPONSE
Date : 11/21/2003
Action: NPDES / WDR Reports

Action Type: RESPONSE
Date : 11/21/2003
Action: Well Installation Report

Action Type: REMEDIATION
Date : 11/17/2003
Action: In Situ Physical/Chemical Treatment (other than SVE)

Action Type: RESPONSE
Date : 5/21/2003
Action: Verbal Communication

Action Type: RESPONSE
Date : 9/9/2002
Action: Correspondence

Action Type: RESPONSE
Date : 5/30/2002
Action: Other Report / Document

Action Type: RESPONSE
Date : 10/15/2001
Action: Remedial Progress Report

Action Type: ENFORCEMENT
Date : 10/10/2001
Action: Staff Letter - #23287

Action Type: RESPONSE
Date : 4/30/2001
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 8/9/1999
Action: Remedial Progress Report

Action Type: ENFORCEMENT
Date : 8/6/1999
Action: Staff Letter - #23283

Action Type: RESPONSE
Date : 2/5/1999
Action: Remedial Progress Report

Action Type: ENFORCEMENT
Date : 2/3/1999
Action: Staff Letter - #23281

Action Type: RESPONSE
Date : 6/11/1998
Action: Remedial Progress Report

Action Type: ENFORCEMENT
Date : 6/9/1998
Action: Staff Letter - #23279

Action Type: RESPONSE
Date : 5/26/1998
Action: Remedial Progress Report

Action Type: ENFORCEMENT
Date : 5/21/1998
Action: Staff Letter - #23277

Action Type: RESPONSE
Date : 1/13/1998
Action: Remedial Progress Report

Action Type: ENFORCEMENT
Date : 1/8/1998
Action: Staff Letter - #23275

Action Type: RESPONSE
Date : 11/19/1997
Action: Remedial Progress Report

Action Type: ENFORCEMENT
Date : 11/17/1997
Action: Staff Letter - #23273

Action Type: RESPONSE
Date : 8/28/1997
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 8/26/1997
Action: Staff Letter - #23271

Action Type: REMEDIATION
Date : 12/13/1996
Action: Pump & Treat (P&T) Groundwater

Action Type: REMEDIATION
Date : 12/13/1996
Action: Soil Vapor Extraction (SVE)

Action Type: RESPONSE
Date : 11/1/1996
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 10/29/1996
Action: Staff Letter - #23269

Action Type: RESPONSE
Date : 9/3/1996
Action: Other Report / Document

Action Type: RESPONSE
Date : 7/12/1996
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 7/9/1996
Action: Staff Letter - #23267

Action Type: RESPONSE
Date : 4/18/1996
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 4/15/1996
Action: Staff Letter - #23265

Action Type: RESPONSE
Date : 1/25/1996
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 1/23/1996
Action: Staff Letter - #23263

Action Type: RESPONSE
Date : 11/17/1995
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 11/14/1995
Action: Staff Letter - #23261

Action Type: RESPONSE
Date : 7/26/1995
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 7/21/1995
Action: Staff Letter - #23259

Action Type: RESPONSE
Date : 5/1/1995
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 4/26/1995
Action: Staff Letter - #23257

Action Type: RESPONSE
Date : 2/10/1995
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 1/31/1995
Action: Staff Letter - #23255

Action Type: RESPONSE
Date : 12/19/1994
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 10/31/1994
Action: Staff Letter - #23253

Action Type: RESPONSE
Date : 10/27/1994
Action: Interim Remedial Action Plan

Action Type: RESPONSE
Date : 10/14/1994
Action: Interim Remedial Action Report

Action Type: ENFORCEMENT
Date : 10/14/1994
Action: Staff Letter - #23251

Action Type: RESPONSE
Date : 7/25/1994
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT

Date : 7/25/1994
Action: Staff Letter - #23249

Action Type: RESPONSE
Date : 5/19/1994
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 5/18/1994
Action: Staff Letter - #23247

Action Type: RESPONSE
Date : 3/10/1994
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 3/8/1994
Action: Staff Letter - #23245

Action Type: RESPONSE
Date : 10/5/1993
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 10/4/1993
Action: Staff Letter - #23241

Action Type: RESPONSE
Date : 5/29/1993
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 5/26/1993
Action: Staff Letter - #23239

Action Type: RESPONSE
Date : 4/1/1993
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 3/31/1993
Action: Staff Letter - #23237

Action Type: RESPONSE
Date : 12/15/1992
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 12/14/1992
Action: Staff Letter - #23235

Action Type: RESPONSE
Date : 4/1/1992
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 3/30/1992
Action: Staff Letter - #23233

Action Type: RESPONSE
Date : 3/23/1992
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 3/19/1992
Action: Remedial Progress Report

Action Type: ENFORCEMENT
Date : 3/19/1992

Action: Staff Letter - #23231

Action Type: RESPONSE
Date : 1/20/1992
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 1/19/1992
Action: Staff Letter - #23229

Action Type: RESPONSE
Date : 10/31/1991
Action: Soil and Water Investigation Workplan

Action Type: ENFORCEMENT
Date : 10/22/1991
Action: Staff Letter - #23227

Action Type: ENFORCEMENT
Date : 8/28/1991
Action: Notice of Responsibility - #39657

Action Type: RESPONSE
Date : 5/22/1991
Action: Soil and Water Investigation Report

Action Type: ENFORCEMENT
Date : 5/21/1991
Action: Staff Letter - #23225

Action Type: RESPONSE
Date : 11/21/1990
Action: Preliminary Site Assessment Report

Action Type: ENFORCEMENT
Date : 10/31/1990
Action: Staff Letter - #23223

Action Type: RESPONSE
Date : 10/31/1990
Action: Preliminary Site Assessment Report

Action Type: RESPONSE
Date : 9/19/1990
Action: Soil and Water Investigation Workplan

Action Type: ENFORCEMENT
Date : 9/17/1990
Action: Staff Letter - #23221

Action Type: RESPONSE
Date : 9/17/1990
Action: Other Workplan

Action Type: Other
Date : 1/31/1985
Action: Leak Reported

Action Type: Other
Date : 1/31/1985
Action: Leak Discovery

Action Type: Other
Date : 1/31/1985
Action: Leak Stopped

Action Type: REMEDIATION
Date : 1/25/1985
Action: Excavation

Action Type: RESPONSE
Date : 8/2/1984
Action: Unauthorized Release Form

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: AARON COSTA
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email: aaron.costa@cep.sccgov.org
Phone No: 4089181954

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 2/24/2015

Status: Open - Eligible for Closure
Status Date: 6/10/2013

Status: Open - Verification Monitoring
Status Date: 8/9/2005

Status: Open - Remediation
Status Date: 11/17/2003

Status: Open - Verification Monitoring
Status Date: 5/23/2003

Status: Open - Remediation
Status Date: 12/13/1996

Status: Open - Site Assessment
Status Date: 1/21/1991

Status: Open - Site Assessment
Status Date: 9/17/1990

Status: Open - Case Begin Date
Status Date: 1/30/1985

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: ESTATE OF CARMEN LAHERRAN
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig: B
CUF Amount Paid: $1,260,465
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 1499 LINCOLN ST.
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim: 1310
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608500820
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 2/24/2015
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608500820&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:

DWR GW Sub Basin:	Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name:	Santa Clara - Palo Alto (205.50)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	SANTA CLARA COUNTY LOP (LEAD) - CASE #: 07S1W03J02f CASEWORKER: AARON COSTA SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 08-057 CASEWORKER: Regional Water Board
Gndwater Monitoring Freque:	# OF WELLS MONITORED - SEMI-ANNUALLY : 5
Designated Beneficial Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:	

Site improvements consist of an active auto body repair shop, a single-story residential building, and paved parking. The surrounding area is utilized for residential and commercial uses (Figure 1). This report documents our findings and was prepared for the exclusive use and sole reliance of the client On January 31, 1985, two 500-gallon and two 250-gallon gasoline underground storage tanks (USTs) were removed from the Site by JW Construction of San Jose, California. Subsurface soil was reportedly excavated to a depth of 20 feet, aerated, and placed back into the excavation during removal of the former USTs. Groundwater monitoring has been conducted at the Site since 1990. Based on historical analytical results, chemicals of concern (COC's) beneath the Site include total petroleum hydrocarbons as gasoline (TPH-g), benzene, toluene, ethylbenzene, and total xylene (BTEX), and methyl tert-butyl ether (MTBE).
According to a review of historical documentation, two 500-gallon and two 250-gallon gasoline underground storage tanks (USTs) were removed from the Site on January 31, 1985, by JW Construction of San Jose, California. During excavation activities soils beneath the USTs were screened with a combustible gas detector. Soil beneath one of the USTs contained concentrations greater than 15,000 parts per million (ppm) of petroleum hydrocarbons. The soil was excavated to a depth of 20 feet below ground surface (bgs) where concentrations greater than 15,000 ppm of petroleum hydrocarbons were encountered. A post excavation soil sample collected from the bottom of the excavation (20 feet) directly below one of the USTs contained 2,400 ppm petroleum hydrocarbons. No sample was collected from
under the other three tanks. Based on fuel pump inspection stickers, it did not appear that fuel had been delivered to the site since the mid 1950's. Analytical results from subsequent site and remedial investigations confirmed the soil and groundwater in the vicinity of the USTs were impacted with petroleum hydrocarbons.
In September 1990, three groundwater monitoring wells (MW-1, MW-2 and MW-3) were installed by On-Site Technologies, Inc. (OST) to assess the extent of petroleum hydrocarbons at the site. Petroleum hydrocarbons were detected in soil and groundwater at all three well locations. Light Non-Aqueous Phase Liquid (LNAPL) was measured to be 0.34 feet thick in monitoring well MW-2. On January 31 and February 1, 1991, two soil borings (SB-1 and SB-2) and two groundwater monitoring wells (MW-4 and MW-5) were completed to further define the lateral and vertical extent of impact to the soil and groundwater beneath the Site.In an attempt to complete the delineation of impacted soil and groundwater at the Site, OST installed two additional monitoring wells (MW-6 and MW-7) and advanced one additional soil boring (SB-3) between December 1991 and January 1992. According to the March 4, 1992 OST Remedial Investigation Report, soil and groundwater analytical results from this phase of the investigation indicated that impacts to soil and groundwater had been delineated. The soil analytical data indicated that the gasoline-impacted soil appeared to be limited to a radius of approximately 50 feet and 25 feet deep from the center of the source area.
An extraction well, EW-1, was installed on October 27, 1992, and pump tests were subsequently performed to evaluate the aquifer characteristics. Results from the pump tests indicated that use of dual phase extraction (DPE) was a viable option for remedial measures.
The treatment system selected utilized the three shallow soil vapor extraction wells (VE-1 through VE-3) and three groundwater extraction wells (EW-1, COEX-1, and COEX-2) which were installed in October 1995. The extracted vapor was treated using thermal oxidation before discharge to the atmosphere. The extracted groundwater was treated using granular activated carbon (GAC) filtration prior to discharge to the storm drain. The remediation system was installed and began operating at the Site full time in December 1996 until August 31, 2002.
On August 31, 2002, the soil vapor extraction system was shut down (but groundwater extraction continued to operate) by ATC and the Santa Clara Valley Water District (SCVWD) as the hydrocarbon concentrations in the extracted soil vapor had decreased significantly and operation of the system was deemed ineffective. As a preliminary step towards the evaluation of the site for closure, the groundwater extraction and treatment was discontinued on May 22, 2003. Two groundwater sampling events were performed to evaluate rebound of contaminant concentrations. Laboratory analytical results from groundwater samples collected during these events indicated that benzene concentrations in groundwater rebounded significantly in the extraction wells EW-1, COEX-1, and COEX-2.
Due to the rebound of benzene in groundwater and a rise in groundwater elevations, the system was converted to a dual phase extraction system utilizing "stingers" and restarted on November 17, 2003. The system operated periodically until September 2005 when it was decommissioned and removed from the
Site. Over the course of the active remediation phase, approximately 3 million gallons of groundwater with 440 pounds of petroleum hydrocarbons and over 150 million cubic feet of soil vapor with 4,500 pounds of hydrocarbons have been removed from subsurface.
In an attempt to further evaluate the vertical and horizontal extent of petroleum impacted soil and groundwater, ATC installed four shallow groundwater monitoring wells adjacent to the existing deeper monitoring wells (MW-1 through MW-4) in November 2008. However, groundwater was not encountered in these boring, therefore wells were not installed. Analytical results from soil samples collected at these borings (ATC-1 through ATC-4) confirmed that past operation of vapor extraction wells (VE-1 through VE-3) had significantly reduced hydrocarbon concentrations in vadose zone soil.
In November 2000, MW-7 was destroyed when the northern adjacent property was redeveloped into a city park. Prior to its destruction, low levels of petroleum constituents had been detected in groundwater samples collected from the well.

LUST Sites from GeoTracker Search - Cleanup Status History

Status:	Completed - Case Closed
Date :	2/24/2015
Status:	Open - Eligible for Closure

Date : 6/10/2013

Status: Open - Verification Monitoring
Date : 8/9/2005

Status: Open - Remediation
Date : 11/17/2003

Status: Open - Verification Monitoring
Date : 5/23/2003

Status: Open - Remediation
Date : 12/13/1996

Status: Open - Site Assessment
Date : 1/21/1991

Status: Open - Site Assessment
Date : 9/17/1990

Status: Open - Case Begin Date
Date : 1/30/1985

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: IN SITU PHYSICAL/CHEMICAL TREATMENT (OTHER THAN SVE) ***Begin Date:*** 11/17/2003
Phase: ***End Date:*** 8/8/2005
Contaminant Mass Removed:
Description: volume treated and mass removed not reported.

Action Type: PUMP & TREAT (P&T) GROUNDWATER ***Begin Date:*** 12/13/1996
Phase: Water ***End Date:*** 5/22/2003
Contaminant Mass Removed: 453 Pounds
Description:

Action Type: SOIL VAPOR EXTRACTION (SVE) ***Begin Date:*** 12/13/1996
Phase: Soil ***End Date:*** 8/31/2002
Contaminant Mass Removed: 4,511 Pounds
Description:

Action Type: EXCAVATION ***Begin Date:*** 1/25/1985
Phase: ***End Date:*** 9/9/9999
Contaminant Mass Removed:
Description:

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date: 2/24/2015
Received Issue Date: 2/24/2015
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6236670&temptable=ENFORCEMENT
Title Description Comments:

Case Closure Letter/Report

Action Type: Response Requested - Reports
Action Date: *2/20/2015
Received Issue Date: 2/20/2015
Action: Well Destruction Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5816586
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 12/17/2014
Received Issue Date: 12/17/2014
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6230922&temptable=ENFORCEMENT
Title Description Comments:

Well Dest Extension Approval

Action Type: Other Regulatory Actions
Action Date: 9/22/2014
Received Issue Date: 9/22/2014
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6221096&temptable=ENFORCEMENT
Title Description Comments:

Well Destruction Directive

Action Type: Notices
Action Date: 7/16/2014
Received Issue Date: 7/16/2014
Action: Notification - Public Notice of Case Closure
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6212177&temptable=ENFORCEMENT
Title Description Comments:

Comment period ends 9/19/14

Action Type: Response Requested - Other
Action Date: 6/26/2013
Received Issue Date: 6/26/2013
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874213
Title Description Comments:

CORRESPONDENCE FILE FROM LUSTOP 1/31/1985 - 6/26/2013

Action Type: Other Regulatory Actions
Action Date: 6/26/2013
Received Issue Date: 6/26/2013
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6164134&temptable=ENFORCEMENT
Title Description Comments:

NFA Letter

Action Type: Response Requested - Other
Action Date: 6/26/2013
Received Issue Date: 6/26/2013
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874214
Title Description Comments:

MAPS METROSCAN FROM LUSTOP

Action Type: Response Requested - Other
Action Date: 6/7/2013
Received Issue Date: 6/7/2013
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874221
Title Description Comments:

REQUEST FOR CLOSURE 4/17/2001 - 6/7/2013

Action Type: Response Requested - Reports
Action Date: 6/7/2013
Received Issue Date: 6/7/2013
Action: Site Assessment Report - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5761909
Title Description Comments:

- See 6/26/2013 directive letter.

Action Type: Response Requested - Reports
Action Date: 6/7/2013
Received Issue Date: 6/7/2013
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874211
Title Description Comments:

GROUNDWATER ASSESSMENT REPORT 10/1/1995 - 6/7/2013

Action Type: Response Requested - Reports
Action Date: 4/30/2013
Received Issue Date: 5/2/2013
Action: Monitoring Report - Semi-Annually
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=6075914
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 4/2/2013
Received Issue Date: 4/2/2013
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5884785
Title Description Comments:

QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013

Action Type: Other Regulatory Actions
Action Date: 2/1/2013
Received Issue Date: 2/1/2013
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6148513&temptable=ENFORCEMENT
Title Description Comments:

WP Approval

Action Type: Response Requested - Workplans
Action Date: 2/1/2013
Received Issue Date: 1/28/2013
Action: Soil and Water Investigation Workplan - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5758533
Title Description Comments:

- See 2/1/2013 directive letter.

Action Type: Response Requested - Workplans
Action Date: 1/22/2013
Received Issue Date: 1/22/2013
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5884779
Title Description Comments:

WORKPLAN

Action Type: Other Regulatory Actions
Action Date: 12/6/2012
Received Issue Date: 12/6/2012
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6144381&temptable=ENFORCEMENT
Title Description Comments:

Request for WP for Additional Site Assessment

Action Type: Response Requested - Other
Action Date: 11/16/2012
Received Issue Date: 11/16/2012
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874212
Title Description Comments:

ADDITIONAL INFORMATION

Action Type: Response Requested - Other
Action Date: 11/16/2012
Received Issue Date: 11/16/2012
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874222
Title Description Comments:

SOURCE REPORT

Action Type: Response Requested - Reports
Action Date: 10/30/2012
Received Issue Date: 10/30/2012
Action: Monitoring Report - Semi-Annually
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=6075913
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 9/25/2012
Received Issue Date: 9/25/2012
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6138400&temptable=ENFORCEMENT
Title Description Comments:

Late letter requesting Revised SCM submit by 11/16

Action Type: Response Requested - Other
Action Date: 8/31/2012
Received Issue Date: 11/16/2012
Action: Conceptual Site Model - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5736888
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 5/15/2012
Received Issue Date: 5/15/2012
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6121753&temptable=ENFORCEMENT
Title Description Comments:

request revised SCM

Action Type: Other Regulatory Actions

Action Date: 4/3/2012
Received Issue Date: 4/3/2012
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6117384&temptable=ENFORCEMENT
Title Description Comments:

late GWM report; submit by 4/30/2012

Action Type: Response Requested - Reports
Action Date: 1/30/2012
Received Issue Date: 4/30/2012
Action: Monitoring Report - Semi-Annually
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=6075916
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 9/22/2011
Received Issue Date: 9/22/2011
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6099114&temptable=ENFORCEMENT
Title Description Comments:

Changes to GWM Reporting

Action Type: Response Requested - Reports
Action Date: 4/30/2011
Received Issue Date: 6/14/2011
Action: Monitoring Report - Semi-Annually
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=6074310
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 1/10/2011
Received Issue Date: 6/14/2011
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5696302
Title Description Comments:

Downgradient and Off-Property Investigation Report

Action Type: Other Regulatory Actions
Action Date: 10/6/2010
Received Issue Date: 10/6/2010
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6065857&temptable=ENFORCEMENT
Title Description Comments:

Downgradient and Off-Property Investigation Work Plan Approval

Action Type: Response Requested - Workplans
Action Date: 9/29/2010
Received Issue Date: 9/29/2010
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5884780
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Workplans
Action Date: 9/20/2010
Received Issue Date: 9/20/2010

Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5884781
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Reports
Action Date: 4/30/2010
Received Issue Date: 6/1/2010
Action: Monitoring Report - Semi-Annually
Doc Link:
Title Description Comments:

First Quarter GMR

Action Type: Response Requested - Reports
Action Date: 10/31/2009
Received Issue Date: 11/19/2009
Action: Monitoring Report - Semi-Annually
Doc Link:
Title Description Comments:

Third Quarter GMR

Action Type: Other Regulatory Actions
Action Date: 7/30/2009
Received Issue Date: 7/30/2009
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6025668&temptable=ENFORCEMENT
Title Description Comments:

GWM Report Frequency Due Dates

Action Type: Response Requested - Reports
Action Date: *12/31/2008
Received Issue Date: 12/30/2008
Action: Well Installation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5618128
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 9/4/2008
Received Issue Date: 9/4/2008
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=5986705&temptable=ENFORCEMENT
Title Description Comments:

Workplan Approval

Action Type: Response Requested - Workplans
Action Date: 8/22/2008
Received Issue Date: 8/22/2008
Action: Well Installation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5884782
Title Description Comments:

WORKPLAN

Action Type: Other Regulatory Actions
Action Date: 8/20/2008
Received Issue Date: 8/20/2008
Action: Staff Letter - #802080

Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=5985360&temptable=ENFORCEMENT
Title Description Comments:

Request for Workplan

Action Type: Response Requested - Reports
Action Date: 12/1/2005
Received Issue Date: 12/12/2005
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Workplans
Action Date: 1/28/2004
Received Issue Date: 1/28/2004
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5884783
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Reports
Action Date: 11/21/2003
Received Issue Date: 11/21/2003
Action: NPDES / WDR Reports
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874216
Title Description Comments:

NPDES REPORT 5/8/1996 - 2/18/2003

Action Type: Response Requested - Reports
Action Date: 11/21/2003
Received Issue Date: 11/21/2003
Action: Well Installation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874208
Title Description Comments:

WELL CONSTRUCTION

Action Type: Response Requested - Other
Action Date: 5/21/2003
Received Issue Date: 5/21/2003
Action: Verbal Communication
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874217
Title Description Comments:

PHONE LOG FROM LUSTROP 10/25/1989 - 5/21/2003

Action Type: Response Requested - Other
Action Date: 9/9/2002
Received Issue Date: 9/9/2002
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874209
Title Description Comments:

STATE RELATED COORESPONDENCE FROM LUSTOP 10/21/1992 - 9/9/2002

Action Type: Response Requested - Other
Action Date: 5/30/2002
Received Issue Date: 5/30/2002
Action: Other Report / Document

Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874225
Title Description Comments:

ADDENDUM FROM LUSTOP 1/21/1991 - 5/30/2002

Action Type: Response Requested - Reports
Action Date: 10/15/2001
Received Issue Date: 10/15/2001
Action: Remedial Progress Report
Doc Link:
Title Description Comments:

Remedial Progress Report

Action Type: Other Regulatory Actions
Action Date: 10/10/2001
Received Issue Date: 10/10/2001
Action: Staff Letter - #23287
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 4/30/2001
Received Issue Date: 5/7/2001
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action Date: 8/9/1999
Received Issue Date: 8/9/1999
Action: Remedial Progress Report
Doc Link:
Title Description Comments:

Remedial Progress Report

Action Type: Other Regulatory Actions
Action Date: 8/6/1999
Received Issue Date: 8/6/1999
Action: Staff Letter - #23283
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 2/5/1999
Received Issue Date: 2/5/1999
Action: Remedial Progress Report
Doc Link:
Title Description Comments:

Remedial Progress Report

Action Type: Other Regulatory Actions
Action Date: 2/3/1999
Received Issue Date: 2/3/1999
Action: Staff Letter - #23281
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports

Action Date: 6/11/1998
Received Issue Date: 6/11/1998
Action: Remedial Progress Report
Doc Link:
Title Description Comments:

Remedial Progress Report

Action Type: Other Regulatory Actions
Action Date: 6/9/1998
Received Issue Date: 6/9/1998
Action: Staff Letter - #23279
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 5/26/1998
Received Issue Date: 5/26/1998
Action: Remedial Progress Report
Doc Link:
Title Description Comments:

Remedial Progress Report

Action Type: Other Regulatory Actions
Action Date: 5/21/1998
Received Issue Date: 5/21/1998
Action: Staff Letter - #23277
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 1/13/1998
Received Issue Date: 1/13/1998
Action: Remedial Progress Report
Doc Link:
Title Description Comments:

Remedial Progress Report

Action Type: Other Regulatory Actions
Action Date: 1/8/1998
Received Issue Date: 1/8/1998
Action: Staff Letter - #23275
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 11/19/1997
Received Issue Date: 11/19/1997
Action: Remedial Progress Report
Doc Link:
Title Description Comments:

Remedial Progress Report

Action Type: Other Regulatory Actions
Action Date: 11/17/1997
Received Issue Date: 11/17/1997
Action: Staff Letter - #23273
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 8/28/1997
Received Issue Date: 8/28/1997
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 8/26/1997
Received Issue Date: 8/26/1997
Action: Staff Letter - #23271
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 11/1/1996
Received Issue Date: 11/1/1996
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 10/29/1996
Received Issue Date: 10/29/1996
Action: Staff Letter - #23269
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 9/3/1996
Received Issue Date: 9/3/1996
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874224
Title Description Comments:

STATUS REPORT 10/16/1995 - 9/3/1996

Action Type: Response Requested - Reports
Action Date: 7/12/1996
Received Issue Date: 7/12/1996
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 7/9/1996
Received Issue Date: 7/9/1996
Action: Staff Letter - #23267
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 4/18/1996
Received Issue Date: 4/18/1996
Action: Monitoring Report - Quarterly
Doc Link:

Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 4/15/1996
Received Issue Date: 4/15/1996
Action: Staff Letter - #23265
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 1/25/1996
Received Issue Date: 1/25/1996
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 1/23/1996
Received Issue Date: 1/23/1996
Action: Staff Letter - #23263
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 11/17/1995
Received Issue Date: 11/17/1995
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 11/14/1995
Received Issue Date: 11/14/1995
Action: Staff Letter - #23261
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 7/26/1995
Received Issue Date: 7/26/1995
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 7/21/1995
Received Issue Date: 7/21/1995
Action: Staff Letter - #23259
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 5/1/1995
Received Issue Date: 5/1/1995

Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 4/26/1995
Received Issue Date: 4/26/1995
Action: Staff Letter - #23257
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 2/10/1995
Received Issue Date: 2/10/1995
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 1/31/1995
Received Issue Date: 1/31/1995
Action: Staff Letter - #23255
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 12/19/1994
Received Issue Date: 12/19/1994
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 10/31/1994
Received Issue Date: 10/31/1994
Action: Staff Letter - #23253
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 10/27/1994
Received Issue Date: 10/27/1994
Action: Interim Remedial Action Plan
Doc Link:
Title Description Comments:

Interim Remedial Action Plan

Action Type: Other Regulatory Actions
Action Date: 10/14/1994
Received Issue Date: 10/14/1994
Action: Staff Letter - #23251
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports

Action Date: 10/14/1994
Received Issue Date: 10/14/1994
Action: Interim Remedial Action Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874215
Title Description Comments:

INTERIM REMEDIAL REPORT 10/23/2002 - 10/14/1994

Action Type: Other Regulatory Actions
Action Date: 7/25/1994
Received Issue Date: 7/25/1994
Action: Staff Letter - #23249
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 7/25/1994
Received Issue Date: 7/25/1994
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action Date: 5/19/1994
Received Issue Date: 5/19/1994
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 5/18/1994
Received Issue Date: 5/18/1994
Action: Staff Letter - #23247
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 3/10/1994
Received Issue Date: 3/10/1994
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 3/8/1994
Received Issue Date: 3/8/1994
Action: Staff Letter - #23245
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 10/5/1993
Received Issue Date: 10/5/1993
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 10/4/1993
Received Issue Date: 10/4/1993
Action: Staff Letter - #23241
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 5/29/1993
Received Issue Date: 5/29/1993
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 5/26/1993
Received Issue Date: 5/26/1993
Action: Staff Letter - #23239
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 4/1/1993
Received Issue Date: 4/1/1993
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 3/31/1993
Received Issue Date: 3/31/1993
Action: Staff Letter - #23237
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 12/15/1992
Received Issue Date: 12/15/1992
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 12/14/1992
Received Issue Date: 12/14/1992
Action: Staff Letter - #23235
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 4/1/1992
Received Issue Date: 4/1/1992
Action: Monitoring Report - Quarterly
Doc Link:

Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 3/30/1992
Received Issue Date: 3/30/1992
Action: Staff Letter - #23233
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 3/23/1992
Received Issue Date: 3/23/1992
Action: Soil and Water Investigation Report
Doc Link:
Title Description Comments:

Soil and Water Investigation Report

Action Type: Other Regulatory Actions
Action Date: 3/19/1992
Received Issue Date: 3/19/1992
Action: Staff Letter - #23231
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 3/19/1992
Received Issue Date: 3/19/1992
Action: Remedial Progress Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874220
Title Description Comments:

REMEDIAL REPORT 5/20/1991 - 3/19/1992

Action Type: Response Requested - Reports
Action Date: 1/20/1992
Received Issue Date: 1/20/1992
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 1/19/1992
Received Issue Date: 1/19/1992
Action: Staff Letter - #23229
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 10/31/1991
Received Issue Date: 10/31/1991
Action: Soil and Water Investigation Workplan
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan

Action Type: Other Regulatory Actions
Action Date: 10/22/1991

Received Issue Date: 10/22/1991
Action: Staff Letter - #23227
Doc Link:
Title Description Comments:

Action Type: Notices
Action Date: 8/28/1991
Received Issue Date: 8/28/1991
Action: Notice of Responsibility - #39657
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 5/22/1991
Received Issue Date: 5/22/1991
Action: Soil and Water Investigation Report
Doc Link:
Title Description Comments:

Soil and Water Investigation Report

Action Type: Other Regulatory Actions
Action Date: 5/21/1991
Received Issue Date: 5/21/1991
Action: Staff Letter - #23225
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 11/21/1990
Received Issue Date: 11/21/1990
Action: Preliminary Site Assessment Report
Doc Link:
Title Description Comments:

Preliminary Site Assessment Report

Action Type: Other Regulatory Actions
Action Date: 10/31/1990
Received Issue Date: 10/31/1990
Action: Staff Letter - #23223
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 10/31/1990
Received Issue Date: 10/31/1990
Action: Preliminary Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874218
Title Description Comments:

PRELIMINARY SITE ASSESSMENT REPORT

Action Type: Response Requested - Workplans
Action Date: 9/19/1990
Received Issue Date: 9/19/1990
Action: Soil and Water Investigation Workplan
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan

Action Type: Other Regulatory Actions
Action Date: 9/17/1990
Received Issue Date: 9/17/1990
Action: Staff Letter - #23221
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 9/17/1990
Received Issue Date: 9/17/1990
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5884784
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Other
Action Date: 8/2/1984
Received Issue Date: 8/2/1984
Action: Unauthorized Release Form
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500820&doc_id=5874210
Title Description Comments:

URF

Action Type: Cleanup Action
Action Date: 12/13/1996
Received Issue Date:
Action: Soil Vapor Extraction (SVE)
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date: 12/13/1996
Received Issue Date:
Action: Pump & Treat (P&T) Groundwater
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 1/31/1985
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 1/31/1985
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 1/31/1985
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date: 1/25/1985

Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date: 11/17/2003
Received Issue Date:
Action: In Situ Physical/Chemical Treatment (other than SVE)
Doc Link:
Title Description Comments:

volume treated and mass removed not reported.

LUST Sites from GeoTracker Search - Site Maps (as of May 29, 2021)

Title: ADDITONAL SUBSURFACE ASSESSMENT REPORT AND REQUEST FOR CLOSURE (ATC-11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1460935473/T0608500820.PDF
Size : 76 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted: 6/7/2013

Title: ADDITONAL SUBSURFACE ASSESSMENT REPORT AND REQUEST FOR CLOSURE (ATC-9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8478746533/T0608500820.PDF
Size : 73 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted: 6/7/2013

Title: ADDITONAL SUBSURFACE ASSESSMENT REPORT AND REQUEST FOR CLOSURE (ATC-10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2091281950/T0608500820.PDF
Size : 115 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted: 6/7/2013

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/5056760668/T0608500820.PDF
Size : 83 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted: 6/7/2013

Title: ATC-5 BORING LOG (ATC-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3181105852/T0608500820.PDF
Size : 57 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted: 6/10/2011

Title: LOG MW-7R (MW-7R)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8095127880/T0608500820.PDF
Size : 69 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted: 6/10/2011

Title: BORING ATC-6 (ATC-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3415902674/T0608500820.PDF
Size : 49 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted: 6/10/2011

Title: BORING ATC-8 (ATC-8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9362592339/T0608500820.PDF
Size : 54 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted: 6/10/2011

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/5577146232/T0608500820.pdf

Size : 75 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted: 1/11/2002

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 2/24/2015
Type: CLOSURE/NO FURTHER ACTION LETTER
Title: CASE CLOSURE LETTER/REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6236670
Size :
Submitted By: CHRIS WIDMANN (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 2/20/2015
Type: WELL DESTRUCTION REPORT
Title: WELL DESTRUCTION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6868766129/T0608500820.PDF
Size : 13,474 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted:

Document Type: Site Documents
Document Date: 12/17/2014
Type: STAFF LETTER
Title: WELL DEST EXTENSION APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6230922
Size :
Submitted By: AARON COSTA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 10/31/2014*
Type: OTHER REPORT / DOCUMENT
Title: CASE CLOSURE SUMMARY DOCUMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7047545015/T0608500820.PDF
Size : 58 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted:

Document Type: Site Documents
Document Date: 9/22/2014
Type: STAFF LETTER
Title: WELL DESTRUCTION DIRECTIVE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6221096
Size :
Submitted By: RINA BANKS (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 7/16/2014
Type: NOTIFICATION - PUBLIC NOTICE OF CASE CLOSURE
Title: COMMENT PERIOD ENDS 9/19/14
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6212177
Size :
Submitted By: CHRIS WIDMANN (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 6/26/2013
Type: CORRESPONDENCE
Title: CORRESPONDENCE FILE FROM LUSTOP 1/31/1985 - 6/26/2013
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874213
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 6/26/2013
Type: OTHER REPORT / DOCUMENT
Title: MAPS METROSCAN FROM LUSTOP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874214
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 6/26/2013
Type: STAFF LETTER
Title: NFA LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6164134
Size :
Submitted By: CHRIS WIDMANN (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 6/7/2013
Type: SOIL AND WATER INVESTIGATION REPORT
Title: GROUNDWATER ASSESSMENT REPORT 10/1/1995 - 6/7/2013
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874211
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents **Size :**
Document Date: 6/7/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: REQUEST FOR CLOSURE 4/17/2001 - 6/7/2013
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874221

Document Type: Site Documents **Size :** 5,258 KB
Document Date: 6/7/2013 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: REQUEST FOR CLOSURE **Submitted:**
Title: ADDITONAL SUBSURFACE ASSESSMENT REPORT AND REQUEST FOR CLOSURE
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5015149950/T0608500820.PDF

Document Type: Monitoring Reports **Size :** 2,425 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2004%2D10%2D26%2Epdf

Document Type: Monitoring Reports **Size :** 3,283 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2002%2D12%2D03%2Epdf

Document Type: Monitoring Reports **Size :** 7,492 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2007%2D10%2D19%2Epdf

Document Type: Monitoring Reports **Size :** 3,608 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1997%2D07%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 17,103 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2008%2D12%2D16%2Epdf

Document Type: Monitoring Reports **Size :** 2,196 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2004%2D04%2D13%2Epdf

Document Type: Monitoring Reports **Size :** 10,058 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2009%2D06%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 3,265 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2012%2D08%2D17%2Epdf

Document Type: Monitoring Reports **Size :** 3,182 KB

Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2012%2D02%2D09%2Epdf

Document Type: Monitoring Reports **Size :** 2,121 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1996%2D10%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 4,925 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2005%2D07%2D19%2Epdf

Document Type: Monitoring Reports **Size :** 4,355 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1999%2D01%2D27%2Epdf

Document Type: Monitoring Reports **Size :** 1,682 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1995%2D11%2D08%2Epdf

Document Type: Monitoring Reports **Size :** 1,265 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1993%2D01%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 6,048 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2001%2D05%2D02%2Epdf

Document Type: Monitoring Reports **Size :** 2,531 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1997%2D10%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 1,560 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1992%2D09%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 1,723 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2005%2D12%2D08%2Epdf

Document Type: Monitoring Reports **Size :** 1,458 KB

Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1993%2D04%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 5,287 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2007%2D01%2D22%2Epdf

Document Type: Monitoring Reports **Size :** 7,736 KB
Document Date: 4/2/2013 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9681041896/GWM%5FR%5F2007%2D06%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 1,785 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1994%2D10%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 2,323 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2005%2D04%2D07%2Epdf

Document Type: Monitoring Reports **Size :** 13,619 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2008%2D10%2D02%2Epdf

Document Type: Monitoring Reports **Size :** 1,072 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1992%2D03%2D10%2Epdf

Document Type: Monitoring Reports **Size :** 2,561 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2011%2D08%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 5,146 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2001%2D10%2D10%2Epdf

Document Type: Monitoring Reports **Size :** 1,456 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1995%2D07%2D14%2Epdf

Document Type: Monitoring Reports **Size :** 1,733 KB

Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1994%2D01%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 4,645 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2003%2D08%2D06%2Epdf

Document Type: Monitoring Reports **Size :** 1,582 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1993%2D10%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 5,977 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1999%2D02%2D03%2Epdf

Document Type: Monitoring Reports **Size :** 1,473 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1993%2D07%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 6,743 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2005%2D09%2D12%2Epdf

Document Type: Monitoring Reports **Size :** 2,283 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1996%2D07%2D08%2Epdf

Document Type: Monitoring Reports **Size :** 8,408 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2008%2D04%2D15%2Epdf

Document Type: Monitoring Reports **Size :** 2,164 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1996%2D04%2D04%2Epdf

Document Type: Monitoring Reports **Size :** 3,141 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2006%2D05%2D15%2Epdf

Document Type: Monitoring Reports **Size :** 4,903 KB

Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2009%2D04%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 5,743 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2006%2D07%2D20%2Epdf

Document Type: Monitoring Reports **Size :** 2,254 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2004%2D09%2D23%2Epdf

Document Type: Monitoring Reports **Size :** 1,745 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1994%2D04%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 1,504 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1995%2D04%2D17%2Epdf

Document Type: Monitoring Reports **Size :** 3,011 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1998%2D05%2D15%2Epdf

Document Type: Monitoring Reports **Size :** 4,627 KB
Document Date: 4/2/2013 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Title: GROUNDWATER MONITORING REPORT (FEBRUARY 19, 2013)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6800469577/T0608500820.PDF

Document Type: Monitoring Reports **Size :** 3,045 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2013%2D02%2D19%2Epdf

Document Type: Monitoring Reports **Size :** 2,637 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1998%2D05%2D11%2Epdf

Document Type: Monitoring Reports **Size :** 1,727 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1994%2D07%2D25%2Epdf

Document Type: Monitoring Reports **Size :** 4,440 KB

Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2011%2D05%2D18%2Epdf

Document Type: Monitoring Reports **Size :** 1,903 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1995%2D01%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 1,737 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1996%2D01%2D16%2Epdf

Document Type: Monitoring Reports **Size :** 3,801 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1999%2D01%2D05%2Epdf

Document Type: Monitoring Reports **Size :** 1,281 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F1992%2D11%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 11,323 KB
Document Date: 4/2/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 3/30/1992 - 4/2/2013 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9412693858/GWM%5FR%5F2008%2D07%2D28%2Epdf

Document Type: Site Documents **Size :**
Document Date: 2/1/2013 **Submitted By:** CHRIS WIDMANN (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: WP APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6148513

Document Type: Site Documents **Size :**
Document Date: 1/22/2013 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5884779

Document Type: Site Documents **Size :** 703 KB
Document Date: 1/22/2013 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: OTHER WORKPLAN **Submitted:**
Title: ADDITIONAL SUBSURFACE ASSESSMENT WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7600907802/T0608500820.PDF

Document Type: Site Documents **Size :**
Document Date: 12/6/2012 **Submitted By:** CHRIS WIDMANN (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: REQUEST FOR WP FOR ADDITIONAL SITE ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6144381

Document Type: Site Documents **Size :** 8,788 KB
Document Date: 11/16/2012 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: CONCEPTUAL SITE MODEL **Submitted:**
Title: SITE CONCEPTUAL MODEL

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3169040739/T0608500820.PDF

Document Type: Site Documents ***Size :***
Document Date: 11/16/2012 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: SOURCE REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874222

Document Type: Site Documents ***Size :***
Document Date: 11/16/2012 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: ADDITIONAL INFORMATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874212

Document Type: Monitoring Reports ***Size :*** 4,841 KB
Document Date: 10/25/2012 ***Submitted By:*** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Title: GROUNDWATER MONITORING REPORT (AUGUST 17, 2012)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6735459804/T0608500820.PDF

Document Type: Site Documents ***Size :***
Document Date: 9/25/2012 ***Submitted By:*** CHRIS WIDMANN (REGULATOR)
Type: STAFF LETTER ***Submitted:***
Title: LATE LETTER REQUESTING REVISED SCM SUBMIT BY 11/16
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6138400

Document Type: Site Documents ***Size :***
Document Date: 5/15/2012 ***Submitted By:*** CHRIS WIDMANN (REGULATOR)
Type: STAFF LETTER ***Submitted:***
Title: REQUEST REVISED SCM
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6121753

Document Type: Monitoring Reports ***Size :*** 4,731 KB
Document Date: 4/27/2012 ***Submitted By:*** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Title: GROUNDWATER MONITORING REPORT (FEBRUARY 9, 2012)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4811039745/T0608500820.PDF

Document Type: Site Documents ***Size :***
Document Date: 4/3/2012 ***Submitted By:*** CHRIS WIDMANN (REGULATOR)
Type: STAFF LETTER ***Submitted:***
Title: LATE GWM REPORT; SUBMIT BY 4/30/2012
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6117384

Document Type: Monitoring Reports ***Size :*** 2,833 KB
Document Date: 12/2/2011 ***Submitted By:*** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Title: GROUNDWATER MONITORING REPORT - AUGUST 30, 2011
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7558915138/T0608500820.PDF

Document Type: Site Documents ***Size :***
Document Date: 9/22/2011 ***Submitted By:*** EDWARD W. ABRAMOWITZ (REGULATOR)
Type: STAFF LETTER ***Submitted:***
Title: CHANGES TO GWM REPORTING
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6099114

Document Type: Monitoring Reports ***Size :*** 4,921 KB
Document Date: 5/18/2011 ***Submitted By:*** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Title: FIRST QUARTER 2011 SEMI-ANNUAL GROUNDWATER MONITORING AND DOWNGRADIENT INVESTIGATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7611924171/T0608500820.PDF

Document Type: Monitoring Reports ***Size :*** 2,088 KB
Document Date: 10/28/2010 ***Submitted By:*** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Title: GROUNDWATER MONITORING REPORT (AUGUST 10, 2010)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7503705620/T0608500820.PDF

Document Type: Site Documents **Size :**
Document Date: 10/6/2010 **Submitted By:** (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: DOWNGRADIENT AND OFF-PROPERTY INVESTIGATION WORK PLAN APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6065857

Document Type: Site Documents **Size :**
Document Date: 9/29/2010 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5884780

Document Type: Site Documents **Size :** 2,259 KB
Document Date: 9/29/2010 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Title: DOWNGRADIENT AND OFF-PROPERTY INVESTIGATION WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6796282112/T0608500820.PDF

Document Type: Site Documents **Size :**
Document Date: 9/20/2010 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5884781

Document Type: Monitoring Reports **Size :** 3,018 KB
Document Date: 5/10/2010 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Title: SEMI-ANNUAL GROUNDWATER MONITORING REPORT FIRST QUARTER 2010
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8979768157/T0608500820.PDF

Document Type: Monitoring Reports **Size :** 3,737 KB
Document Date: 11/12/2009* **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Title: GROUNDWATER MONITORING REPORT - 3RD QUARTER 2009
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5824927091/T0608500820.PDF

Document Type: Site Documents **Size :**
Document Date: 7/30/2009 **Submitted By:** KRISTI CONG (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: GWM REPORT FREQUENCY DUE DATES
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=6025668

Document Type: Monitoring Reports **Size :** 9,977 KB
Document Date: 6/29/2009 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 2009_2ND QTR GMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9326956510/T0608500820.PDF

Document Type: Monitoring Reports **Size :** 4,940 KB
Document Date: 4/29/2009 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 1ST 2009 QUARTERLY GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7724426746/T0608500820.PDF

Document Type: Monitoring Reports **Size :** 13,950 KB
Document Date: 1/16/2009 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 2008_4TH QTR GMR_AND ADDITIONAL INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5301801919/T0608500820.PDF

Document Type: Monitoring Reports **Size :** 13,500 KB
Document Date: 10/21/2008 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 2008_3RD QTR GMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3283615589/T0608500820.PDF

Document Type: Site Documents **Size :**
Document Date: 9/4/2008 **Submitted By:** KRISTI CONG (REGULATOR)
Type: STAFF LETTER **Submitted:**

Title: WORKPLAN APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=5986705

Document Type: Site Documents
Document Date: 8/22/2008
Type: WELL INSTALLATION WORKPLAN
Title: ADDITIONAL ASSESSMENT AND WELL INSTALLATION WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1635487198/T0608500820.PDF
Size : 798 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted:

Document Type: Site Documents
Document Date: 8/22/2008
Type: WELL INSTALLATION WORKPLAN
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5884782
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 8/20/2008
Type: STAFF LETTER
Title: REQUEST FOR WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&enforcement_id=5985360
Size :
Submitted By: KRISTI CONG (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 8/7/2008
Type: MONITORING REPORT - QUARTERLY
Title: 2008 _ 2ND QTR GMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4004027426/T0608500820.PDF
Size : 11,230 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted:

Document Type: Monitoring Reports
Document Date: 4/29/2008
Type: MONITORING REPORT - QUARTERLY
Title: FINAL LAHERRAN_1ST QMR 2008
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8764363169/T0608500820.PDF
Size : 9,489 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted:

Document Type: Monitoring Reports
Document Date: 2/26/2008*
Type: MONITORING REPORT - QUARTERLY
Title: 4TH QUARTER 2007 GMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4014478385/T0608500820.PDF
Size : 10,457 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted:

Document Type: Monitoring Reports
Document Date: 11/6/2007
Type: MONITORING REPORT - QUARTERLY
Title: 3RD QTR GMR 2007 LA HERRAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9745030283/T0608500820.PDF
Size : 7,612 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted:

Document Type: Monitoring Reports
Document Date: 7/13/2007
Type: MONITORING REPORT - QUARTERLY
Title: 2ND QUARTER 2007 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3035542368/T0608500820.PDF
Size : 7,647 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted:

Document Type: Monitoring Reports
Document Date: 5/24/2007*
Type: MONITORING REPORT - QUARTERLY
Title: QUARTERLY GROUNDWATER MONITORING REPOR 1ST QTR 2007
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7153959512/T0608500820.PDF
Size : 7,448 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted:

Document Type: Site Documents
Document Date: 4/17/2007
Type: CORRESPONDENCE - DIRECTIVE RELATED
Title: NPDES NOTICE OF TERMINATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7440386712/T0608500820.PDF
Size : 68 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted:

Document Type: Monitoring Reports
Document Date: 3/20/2007*
Type: MONITORING REPORT - QUARTERLY
Title: LA HERRAN 3RD AND 4TH QTR 2006 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5329638421/T0608500820.PDF
Size : 9,969 KB
Submitted By: ATC ASSOCIATES (AUTH_RP)
Submitted:

Document Type: Monitoring Reports **Size :** 6,026 KB
Document Date: 7/27/2006* **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 2ND QUARTER 2006 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5847410440/T0608500820.PDF

Document Type: Monitoring Reports **Size :** 10,996 KB
Document Date: 7/27/2006* **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 1ST QUARTER 2006 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9801389932/T0608500820.PDF

Document Type: Site Documents **Size :** 332 KB
Document Date: 1/16/2006 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: REPORTS - OTHER **Submitted:**
Title: Q2 2005 NPDES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9851592838/T0608500820.PDF

Document Type: Site Documents **Size :** 67 KB
Document Date: 1/16/2006 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: REPORTS - OTHER **Submitted:**
Title: Q4 2005 NPDES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1185714542/T0608500820.PDF

Document Type: Monitoring Reports **Size :** 3,562 KB
Document Date: 12/15/2005 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: Q4 2005 GWMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5715024650/T0608500820.PDF

Document Type: Site Documents **Size :** 198 KB
Document Date: 10/14/2005 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: REPORTS - OTHER **Submitted:**
Title: Q3 2005 NPDES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9998809635/T0608500820.PDF

Document Type: Monitoring Reports **Size :** 6,131 KB
Document Date: 10/13/2005* **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: Q1 2005 QMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3197644889/T0608500820.PDF

Document Type: Monitoring Reports **Size :** 6,379 KB
Document Date: 10/13/2005* **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: Q2 2005 GWM REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3470341324/T0608500820.PDF

Document Type: Monitoring Reports **Size :** 14,981 KB
Document Date: 10/13/2005* **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: Q3 2005 QMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9363545060/T0608500820.PDF

Document Type: Site Documents **Size :** 4 KB
Document Date: 8/26/2005 **Submitted By:** (REGULATOR)
Type: **Submitted:**
Title: EMAIL - STATUS CHANGE TO SHUT DOWN
Title Link: https://geotracker.waterboards.ca.gov/site_documents/8743366837/email%20%2D%20status%20change%20to%20shut%20down%2Epdf

Document Type: Site Documents **Size :** 297 KB
Document Date: 4/18/2005 **Submitted By:** ATC ASSOCIATES (AUTH_RP)
Type: REPORTS - OTHER **Submitted:**
Title: 1ST QUARTER 2005 NPDES REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4570347428/T0608500820.PDF

Document Type: Site Documents **Size :**

Document Date: 1/28/2004 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5884783

Document Type: Site Documents **Size :**
Document Date: 11/21/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: NPDES / WDR REPORTS **Submitted:**
Title: NPDES REPORT 5/8/1996 - 2/18/2003
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874216

Document Type: Site Documents **Size :**
Document Date: 11/21/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: WELL INSTALLATION REPORT **Submitted:**
Title: WELL CONSTRUCTION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874208

Document Type: Site Documents **Size :**
Document Date: 5/21/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: VERBAL COMMUNICATION **Submitted:**
Title: PHONE LOG FROM LUSTROP 10/25/1989 - 5/21/2003
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874217

Document Type: Site Documents **Size :**
Document Date: 9/9/2002 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: STATE RELATED COORESPONDENCE FROM LUSTOP 10/21/1992 - 9/9/2002
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874209

Document Type: Site Documents **Size :**
Document Date: 5/30/2002 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: ADDENDUM FROM LUSTOP 1/21/1991 - 5/30/2002
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874225

Document Type: Site Documents **Size :**
Document Date: 9/3/1996 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: STATUS REPORT 10/16/1995 - 9/3/1996
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874224

Document Type: Site Documents **Size :**
Document Date: 10/14/1994 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: INTERIM REMEDIAL ACTION REPORT **Submitted:**
Title: INTERIM REMEDIAL REPORT 10/23/2002 - 10/14/1994
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874215

Document Type: Site Documents **Size :**
Document Date: 3/19/1992 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: REMEDIAL PROGRESS REPORT **Submitted:**
Title: REMEDIAL REPORT 5/20/1991 - 3/19/1992
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874220

Document Type: Site Documents **Size :**
Document Date: 10/31/1990 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: PRELIMINARY SITE ASSESSMENT REPORT **Submitted:**
Title: PRELIMINARY SITE ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874218

Document Type: Site Documents **Size :**
Document Date: 9/17/1990 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5884784

Document Type: Site Documents **Size :**
Document Date: 8/2/1984 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: UNAUTHORIZED RELEASE FORM **Submitted:**
Title: URF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title Link:		https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500820&document_id=5874210				
18	3 of 8	SE	0.14 / 750.80	76.48 / 1	International Auto Center 1499 LINCOLN ST SANTA CLARA CA 95050	DELISTED HAZ

Siteid: 381349
Latitude: 37.351860
Longitude: -121.953910
Original Source: CHAZ
Record Date: 30-MAY-2017

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	4 of 8	SE	0.14 / 750.80	76.48 / 1	INTERNATIONAL AUTO CENTER 1499 LINCOLN STREET SANTA CLARA CA 95050	EMISSIONS

2007 Criteria Data

Facility ID:	11294	CERR Code:	
Facility SIC Code:	7532	TOGT:	.938
CO:	43	ROGT:	.822279
Air Basin:	SF	COT:	
District:	BA	NOXT:	
COID:	SCL	SOXT:	
DISN:	BAY AREA AQMD	PMT:	
CHAPIS:		PM10T:	

2007 Toxic Data

Facility ID:	11294	COID:	SCL
Facility SIC Code:	7532	DISN:	BAY AREA AQMD
CO:	43	CHAPIS:	
Air Basin:	SF	CERR Code:	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2008 Criteria Data

Facility ID:	11294	CERR Code:	
Facility SIC Code:	7532	TOGT:	.938
CO:	43	ROGT:	.822279
Air Basin:	SF	COT:	
District:	BA	NOXT:	
COID:	SCL	SOXT:	
DISN:	BAY AREA AQMD	PMT:	
CHAPIS:		PM10T:	

2008 Toxic Data

Facility ID:	11294	COID:	SCL
Facility SIC Code:	7532	DISN:	BAY AREA AQMD
CO:	43	CHAPIS:	
Air Basin:	SF	CERR Code:	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	11294	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.173
CO:	43	***ROGT:***	.1613504
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SCL	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2009 Toxic Data

Facility ID:	11294	***COID:***	SCL
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	11294	***COID:***	SCL
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	11294	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.173
CO:	43	***ROGT:***	.1613504
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SCL	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2011 Toxic Data

Facility ID:	11294	***COID:***	SCL
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	11294	***CERR Code:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility SIC Code:	7532	**TOGT:**	.173
CO:	43	**ROGT:**	.1613504
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2012 Toxic Data

Facility ID:	11294	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	11294	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	.173
CO:	43	**ROGT:**	.1613504
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2013 Toxic Data

Facility ID:	11294	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	*5 of 8*	*SE*	*0.14 / 750.80*	*76.48 / 1*	***INTERNATIONAL AUTO CENTER, INC*** ***1499 LINCOLN STREET*** ***SANTA CLARA CA 95050***	***EMISSIONS***

2014 Criteria Data

Facility ID:	11294	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	3.622690872
CO:	43	**ROGT:**	
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2014 Toxic Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID:	11294	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	11294	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	3.622690917
CO:	43	**ROGT:**	3.622690917
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2015 Toxic Data

Facility ID:	11294	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	6 of 8	SE	0.14 / 750.80	76.48 / 1	LA HERRAN FAMILY TRUST C/O ATC 1499 LINCOLN STREET SANTA CLARA CA 95050	EMISSIONS

1997 Criteria Data

Facility ID:	10696	**CERR Code:**	
Facility SIC Code:	4953	**TOGT:**	.4
CO:	43	**ROGT:**	.00516
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

1997 Toxic Data

Facility ID:	10696	**COID:**	SCL
Facility SIC Code:	4953	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1998 Criteria Data

Facility ID:	10696	***CERR Code:***	
Facility SIC Code:	4953	***TOGT:***	.5
CO:	43	***ROGT:***	.00645
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SCL	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

1998 Toxic Data

Facility ID:	10696	***COID:***	SCL
Facility SIC Code:	4953	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1999 Criteria Data

Facility ID:	10696	***CERR Code:***	
Facility SIC Code:	4953	***TOGT:***	.5
CO:	43	***ROGT:***	.3493
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SCL	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

1999 Toxic Data

Facility ID:	10696	***COID:***	SCL
Facility SIC Code:	4953	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2000 Criteria Data

Facility ID:	10696	***CERR Code:***	
Facility SIC Code:	4953	***TOGT:***	.5
CO:	43	***ROGT:***	.35
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SCL	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2000 Toxic Data

Facility ID:	10696	***COID:***	SCL
Facility SIC Code:	4953	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	

District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2001 Criteria Data

Facility ID:	10696	**CERR Code:**	
Facility SIC Code:	4953	**TOGT:**	.47
CO:	43	**ROGT:**	.33
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2001 Toxic Data

Facility ID:	10696	**COID:**	SCL
Facility SIC Code:	4953	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2002 Criteria Data

Facility ID:	10696	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	.474
CO:	43	**ROGT:**	.3311364
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2002 Toxic Data

Facility ID:	10696	**COID:**	SCL
Facility SIC Code:	5541	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2003 Criteria Data

Facility ID:	10696	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	.449
CO:	43	**ROGT:**	.31
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2003 Toxic Data

Facility ID:	10696	***COID:***	SCL
Facility SIC Code:	5541	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

18	*7 of 8*	*SE*	*0.14 / 750.80*	*76.48 / 1*	***INTERNATIONAL AUTO CENTER, INC*** ***1499 LINCOLN ST*** ***SANTA CLARA CA 95050***	***EMISSIONS***

2017 Toxic Data

Facility ID:	11294	***COID:***	SCL
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

18	*8 of 8*	*SE*	*0.14 / 750.80*	*76.48 / 1*	***INTERNATIONAL AUTO CENTER INC*** ***1499 LINCOLN ST*** ***SANTA CLARA CA 95050***	***EMISSIONS***

2018 Criteria Data

Facility ID:	11294	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.177600007
CO:	43	***ROGT:***	.1754510469153
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SCL	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2018 Toxic Data

Facility ID:	11294	***COID:***	SCL
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2019 Criteria Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
Facility ID:	11294	**ROGT:**	.1754510469153
District:	BA	**COT:**	
Facility SIC Code:	7532	**NOXT:**	
CO ID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD		
PM10T:			
TOGT:	.177600007		
PMT:			

2019 Toxic Data

CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
Faccility ID:	11294	**TS:**	
District:	BA	**Health Risk Asmt:**	
Facility SIC Code:	7532	**NonCncrChrnicHazInd:**	
COID:	SCL	**NonCncrActeHazInd:**	
DISN:	BAY AREA AQMD		

19 | ***1 of 4*** | ***WSW*** | ***0.14 / 758.04*** | ***78.38 / 3*** | ***Shell 1995 El Camino Real Santa Clara CA*** | ***LOP SANTACLARA***

SCVWD ID:	07S1W03G03f
Closure Date:	3/22/2002
Link:	http://lustop.sccgov.org/files/07S1W03G03f/

19 | ***2 of 4*** | ***WSW*** | ***0.14 / 758.04*** | ***78.38 / 3*** | ***SHELL 1995 EL CAMINO REAL SANTA CLARA CA 95050*** | ***LUST***

Global ID:	T0608501270	**County:**	SANTA CLARA
Status:	COMPLETED - CASE CLOSED	**Latitude:**	37.3526586895781
Status Date:	3/22/2002	**Longitude:**	-121.959013938904
Case Type:	LUST CLEANUP SITE		
Date Source:	LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:		**Potential COC:**	Gasoline
Local Case No:		**How Discovered:**	
Begin Date:	6/1/1983	**Stop Method:**	
Lead Agency:	SANTA CLARA COUNTY LOP	**Stop Description:**	
Local Agency:	SANTA CLARA COUNTY LOP	**Case Worker:**	UST
CUF Case:	NO	**File Location:**	All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern:	Other Groundwater (uses other than drinking water)
How Discovered Description:	
Calwater Watershed Name:	Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	
Calenviroscreen Score:	76-80%
Site History:	

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type:	RESPONSE
Date :	12/12/2002

Action: Well Destruction Report

Action Type: ENFORCEMENT
Date : 3/22/2002
Action: Closure/No Further Action Letter

Action Type: RESPONSE
Date : 3/14/2002
Action: Other Workplan

Action Type: RESPONSE
Date : 11/8/2001
Action: Corrective Action Plan / Remedial Action Plan

Action Type: RESPONSE
Date : 8/9/2001
Action: Correspondence

Action Type: RESPONSE
Date : 7/27/2001
Action: Other Report / Document

Action Type: RESPONSE
Date : 2/23/2001
Action: Other Report / Document

Action Type: RESPONSE
Date : 12/14/2000
Action: Well Installation Workplan

Action Type: RESPONSE
Date : 4/24/2000
Action: Correspondence

Action Type: RESPONSE
Date : 8/26/1999
Action: Tank Removal Report / UST Sampling Report

Action Type: RESPONSE
Date : 3/30/1999
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 3/11/1999
Action: Other Report / Document

Action Type: RESPONSE
Date : 4/28/1997
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 4/25/1997
Action: Staff Letter - #23468

Action Type: RESPONSE
Date : 10/29/1996
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 10/24/1996
Action: Staff Letter - #23465

Action Type: ENFORCEMENT
Date : 7/27/1996
Action: Staff Letter - #43-1292

Action Type: RESPONSE
Date : 6/25/1996
Action: NPDES / WDR Reports

Action Type: RESPONSE
Date : 5/29/1996
Action: Verbal Communication

Action Type: RESPONSE
Date : 4/30/1996
Action: Corrective Action Plan / Remedial Action Plan

Action Type: RESPONSE
Date : 1/5/1996
Action: Well Installation Report

Action Type: ENFORCEMENT
Date : 10/27/1995
Action: Staff Letter - #23460

Action Type: RESPONSE
Date : 8/31/1995
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 6/23/1995
Action: Other Workplan

Action Type: RESPONSE
Date : 6/20/1995
Action: Other Workplan

Action Type: ENFORCEMENT
Date : 5/17/1995
Action: Staff Letter - #23457

Action Type: RESPONSE
Date : 3/22/1995
Action: Interim Remedial Action Report

Action Type: RESPONSE
Date : 6/30/1993
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 4/30/1993
Action: Other Report / Document

Action Type: RESPONSE
Date : 10/3/1991
Action: Other Workplan

Action Type: ENFORCEMENT
Date : 5/15/1990
Action: Notice of Responsibility - #39711

Action Type: Other
Date : 1/17/1990
Action: Leak Reported

Action Type: RESPONSE
Date : 1/1/1990
Action: Other Report / Document

Action Type: RESPONSE
Date : 9/12/1989
Action: Other Workplan

Action Type: RESPONSE
Date : 4/14/1989
Action: Other Workplan

Action Type: RESPONSE
Date : 10/23/1987
Action: Unauthorized Release Form

Action Type: REMEDIATION
Date : 6/1/1983
Action: Excavation

Action Type: REMEDIATION
Date : 6/1/1983
Action: Free Product Removal

Action Type: REMEDIATION
Date : 6/1/1983
Action: Soil Vapor Extraction (SVE)

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 3/22/2002

Status: Open - Site Assessment
Status Date: 12/19/1990

Status: Open - Case Begin Date
Status Date: 6/1/1983

Status: Open - Remediation
Status Date: 6/1/1983

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: SHELL
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 1995 EL CAMINO REAL
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608501270
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 3/22/2002
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608501270&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:

Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03G03f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 3/22/2002

Status: Open - Site Assessment
Date : 12/19/1990

Status: Open - Remediation
Date : 6/1/1983

Status: Open - Case Begin Date
Date : 6/1/1983

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: EXCAVATION
Phase:
Contaminant Mass Removed:
Description:
Begin Date: 6/1/1983
End Date: 6/1/1987

Action Type: FREE PRODUCT REMOVAL
Phase:
Contaminant Mass Removed:
Description:
Begin Date: 6/1/1983
End Date: 6/1/1987

Action Type: SOIL VAPOR EXTRACTION (SVE)
Phase:
Contaminant Mass Removed:
Description:
Begin Date: 6/1/1983
End Date: 6/1/1987

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Reports
Action Date: 12/12/2002
Received Issue Date: 12/12/2002
Action: Well Destruction Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874290
Title Description Comments:

WELL DESTRUCTION 8/26/1999 - 12/12/2002

Action Type: Other Regulatory Actions
Action Date: 3/22/2002
Received Issue Date: 3/22/2002
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&enforcement_id=6272287&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Workplans

Action Date: 3/14/2002
Received Issue Date: 3/14/2002
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5884754
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Workplans
Action Date: 11/8/2001
Received Issue Date: 11/8/2001
Action: Corrective Action Plan / Remedial Action Plan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5884755
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Other
Action Date: 8/9/2001
Received Issue Date: 8/9/2001
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874289
Title Description Comments:

CORRESPONDENCE FILE FROM LUSTOP 6/6/1990 - 8/9/2001

Action Type: Response Requested - Other
Action Date: 7/27/2001
Received Issue Date: 7/27/2001
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874307
Title Description Comments:

MISCELLANEOUS SAMPLE RESULTS FROM LUSTOP

Action Type: Response Requested - Other
Action Date: 2/23/2001
Received Issue Date: 2/23/2001
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874310
Title Description Comments:

MISCELLANEOUS REPORT FROM LUSTOP 9/28/1988 - 2/23/2001

Action Type: Response Requested - Workplans
Action Date: 12/14/2000
Received Issue Date: 12/14/2000
Action: Well Installation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5884761
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Other
Action Date: 4/24/2000
Received Issue Date: 4/24/2000
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874300
Title Description Comments:

STATE RELATED COORESPONDENCE FROM LUSTOP 5/16/1990 - 4/24/2000

Action Type: Response Requested - Reports

Action Date: 8/26/1999
Received Issue Date: 8/26/1999
Action: Tank Removal Report / UST Sampling Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874294
Title Description Comments:

TANK REMOVAL REPORT 9/12/1990 - 8/26/1999

Action Type: Response Requested - Reports
Action Date: 3/30/1999
Received Issue Date: 3/30/1999
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874297
Title Description Comments:

GROUNDWATER ASSESSMENT REPORT

Action Type: Response Requested - Other
Action Date: 3/11/1999
Received Issue Date: 3/11/1999
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874288
Title Description Comments:

ADDENDUM FROM LUSTOP 12/17/1992 - 3/11/1999

Action Type: Response Requested - Reports
Action Date: 4/28/1997
Received Issue Date: 4/28/1997
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 4/25/1997
Received Issue Date: 4/25/1997
Action: Staff Letter - #23468
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 10/29/1996
Received Issue Date: 10/29/1996
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 10/24/1996
Received Issue Date: 10/24/1996
Action: Staff Letter - #23465
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 7/27/1996
Received Issue Date: 7/27/1996
Action: Staff Letter - #43-1292
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?

global_id=T0608501270&enforcement_id=6264572&temptable=ENFORCEMENT

Title Description Comments:

Discharge of Tested Groundwater

Action Type: Response Requested - Reports
Action Date: 6/25/1996
Received Issue Date: 6/25/1996
Action: NPDES / WDR Reports
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874305
Title Description Comments:

NPDES REPORT

Action Type: Response Requested - Other
Action Date: 5/29/1996
Received Issue Date: 5/29/1996
Action: Verbal Communication
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874303
Title Description Comments:

PHONE LOG FROM LUSTROP 2/12/1990 - 5/29/1996

Action Type: Response Requested - Reports
Action Date: 1/5/1996
Received Issue Date: 1/5/1996
Action: Well Installation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874291
Title Description Comments:

WELL CONSTRUCTION 1/15/1989 - 1/5/1996

Action Type: Other Regulatory Actions
Action Date: 10/27/1995
Received Issue Date: 10/27/1995
Action: Staff Letter - #23460
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 8/31/1995
Received Issue Date: 12/8/1995
Action: Soil and Water Investigation Report
Doc Link:
Title Description Comments:

Soil and Water Investigation Report

Action Type: Response Requested - Workplans
Action Date: 6/23/1995
Received Issue Date: 6/23/1995
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5884756
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Workplans
Action Date: 6/20/1995
Received Issue Date: 6/20/1995
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5884757
Title Description Comments:

WORKPLAN

Action Type: Other Regulatory Actions
Action Date: 5/17/1995
Received Issue Date: 5/17/1995
Action: Staff Letter - #23457
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 3/22/1995
Received Issue Date: 3/22/1995
Action: Interim Remedial Action Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874827
Title Description Comments:

INTERIM REMEDIAL REPORT 7/1/1993 - 3/22/1995

Action Type: Response Requested - Reports
Action Date: 6/30/1993
Received Issue Date: 6/30/1993
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5884753
Title Description Comments:

QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993

Action Type: Response Requested - Other
Action Date: 4/30/1993
Received Issue Date: 4/30/1993
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874828
Title Description Comments:

STATUS REPORT 4/30/1993 - 2/28/1994

Action Type: Response Requested - Workplans
Action Date: 10/3/1991
Received Issue Date: 10/3/1991
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5884758
Title Description Comments:

WORKPLAN

Action Type: Notices
Action Date: 5/15/1990
Received Issue Date: 5/15/1990
Action: Notice of Responsibility - #39711
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 1/1/1990
Received Issue Date: 1/1/1990
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874825
Title Description Comments:

MAPS METROSCAN FROM LUSTOP

Action Type: Response Requested - Workplans

Action Date: 9/12/1989
Received Issue Date: 9/12/1989
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5884759
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Workplans
Action Date: 4/14/1989
Received Issue Date: 4/14/1989
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5884760
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Other
Action Date: 10/23/1987
Received Issue Date: 10/23/1987
Action: Unauthorized Release Form
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501270&doc_id=5874293
Title Description Comments:

URF

Action Type: Response Requested - Workplans
Action Date: 4/30/1996
Received Issue Date:
Action: Corrective Action Plan / Remedial Action Plan
Doc Link:
Title Description Comments:

Corrective Action Plan / Remedial Action Plan

Action Type: Leak Action
Action Date: 1/17/1990
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date: 6/1/1983
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date: 6/1/1983
Received Issue Date:
Action: Free Product Removal
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date: 6/1/1983
Received Issue Date:
Action: Soil Vapor Extraction (SVE)
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Site Maps (as of May 29, 2021)

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/8849012076/T0608501270.jpg
Size : 90 KB
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Submitted: 11/1/2002*

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/7397306144/T0608501270.pdf
Size : 248 KB
Submitted By: DELTA CONSULTANTS (CONTRACTOR)
Submitted: 4/30/2002*

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 12/12/2002
Type: WELL DESTRUCTION REPORT
Title: WELL DESTRUCTION 8/26/1999 - 12/12/2002
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874290
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 3/22/2002
Type: CLOSURE/NO FURTHER ACTION LETTER
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&enforcement_id=6272287
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 3/14/2002
Type: OTHER WORKPLAN
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5884754
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 11/8/2001
Type: CORRECTIVE ACTION PLAN / REMEDIAL ACTION PLAN
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5884755
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 8/9/2001
Type: CORRESPONDENCE
Title: CORRESPONDENCE FILE FROM LUSTOP 6/6/1990 - 8/9/2001
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874289
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 7/27/2001
Type: OTHER REPORT / DOCUMENT
Title: MISCELLANEOUS SAMPLE RESULTS FROM LUSTOP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874307
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 2/23/2001
Type: OTHER REPORT / DOCUMENT
Title: MISCELLANEOUS REPORT FROM LUSTOP 9/28/1988 - 2/23/2001
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874310
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 12/14/2000
Type: WELL INSTALLATION WORKPLAN
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5884761
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Size :

Document Date: 4/24/2000 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: STATE RELATED COORESPONDENCE FROM LUSTOP 5/16/1990 - 4/24/2000
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874300

Document Type: Site Documents **Size :**
Document Date: 8/26/1999 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: TANK REMOVAL REPORT / UST SAMPLING REPORT **Submitted:**
Title: TANK REMOVAL REPORT 9/12/1990 - 8/26/1999
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874294

Document Type: Site Documents **Size :**
Document Date: 3/30/1999 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Title: GROUNDWATER ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874297

Document Type: Site Documents **Size :**
Document Date: 3/11/1999 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: ADDENDUM FROM LUSTOP 12/17/1992 - 3/11/1999
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874288

Document Type: Site Documents **Size :**
Document Date: 7/27/1996 **Submitted By:** ASHA TURMAN (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: DISCHARGE OF TESTED GROUNDWATER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&enforcement_id=6264572

Document Type: Site Documents **Size :**
Document Date: 6/25/1996 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: NPDES / WDR REPORTS **Submitted:**
Title: NPDES REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874305

Document Type: Site Documents **Size :**
Document Date: 5/29/1996 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: VERBAL COMMUNICATION **Submitted:**
Title: PHONE LOG FROM LUSTROP 2/12/1990 - 5/29/1996
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874303

Document Type: Site Documents **Size :**
Document Date: 1/5/1996 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: WELL INSTALLATION REPORT **Submitted:**
Title: WELL CONSTRUCTION 1/15/1989 - 1/5/1996
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874291

Document Type: Site Documents **Size :**
Document Date: 6/23/1995 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5884756

Document Type: Site Documents **Size :**
Document Date: 6/20/1995 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5884757

Document Type: Site Documents **Size :**
Document Date: 3/22/1995 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: INTERIM REMEDIAL ACTION REPORT **Submitted:**
Title: INTERIM REMEDIAL REPORT 7/1/1993 - 3/22/1995
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874827

Document Type: Monitoring Reports **Size :** 1,080 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)

Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1996%2D07%2D02%2Epdf

Document Type: Monitoring Reports **Size :** 1,158 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1992%2D03%2D27%2Epdf

Document Type: Monitoring Reports **Size :** 1,384 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1996%2D04%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 912 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1991%2D07%2D12%2Epdf

Document Type: Monitoring Reports **Size :** 2,042 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1996%2D01%2D05%2Epdf

Document Type: Monitoring Reports **Size :** 4,151 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1998%2D09%2D21%2Epdf

Document Type: Monitoring Reports **Size :** 2,843 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F2000%2D10%2D20%2Epdf

Document Type: Monitoring Reports **Size :** 1,395 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1994%2D07%2D28%2Epdf

Document Type: Monitoring Reports **Size :** 989 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1997%2D07%2D28%2Epdf

Document Type: Monitoring Reports **Size :** 1,474 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1995%2D01%2D06%2Epdf

Document Type: Monitoring Reports **Size :** 962 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)

Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1993%2D03%2D01%2Epdf

Document Type: Monitoring Reports **Size :** 1,118 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1992%2D12%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 2,787 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F2001%2D04%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 1,068 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1998%2D01%2D23%2Epdf

Document Type: Monitoring Reports **Size :** 1,290 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1993%2D09%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 3,035 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1999%2D12%2D10%2Epdf

Document Type: Monitoring Reports **Size :** 1,052 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F%2D1991%2D12%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 3,022 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1998%2D03%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 3,514 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1993%2D06%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 1,795 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1995%2D10%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 1,040 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)

Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1992%2D07%2D01%2Epdf

Document Type: Monitoring Reports **Size :** 2,720 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F2001%2D10%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 1,080 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1992%2D10%2D01%2Epdf

Document Type: Monitoring Reports **Size :** 1,959 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1996%2D10%2D24%2Epdf

Document Type: Monitoring Reports **Size :** 1,552 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1994%2D10%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 577 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR2%5F1993%2D06%2D3%2D%2Epdf

Document Type: Monitoring Reports **Size :** 4,899 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1999%2D02%2D23%2Epdf

Document Type: Monitoring Reports **Size :** 860 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1991%2D04%2D08%2Epdf

Document Type: Monitoring Reports **Size :** 1,503 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1995%2D04%2D27%2Epdf

Document Type: Monitoring Reports **Size :** 1,021 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1997%2D04%2D25%2Epdf

Document Type: Monitoring Reports **Size :** 1,124 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)

Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1994%2D01%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 2,091 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1995%2D06%2D27%2Epdf

Document Type: Monitoring Reports **Size :** 974 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1997%2D01%2D28%2Epdf

Document Type: Monitoring Reports **Size :** 1,360 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1994%2D04%2D11%2Epdf

Document Type: Monitoring Reports **Size :** 3,260 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1999%2D06%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 2,755 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F2002%2D04%2D24%2Epdf

Document Type: Monitoring Reports **Size :** 2,589 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F2000%2D07%2D11%2Epdf

Document Type: Monitoring Reports **Size :** 884 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1991%2D10%2D03%2Epdf

Document Type: Monitoring Reports **Size :** 3,351 KB
Document Date: 6/30/1993 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8833754599/GWM%5FR%5F1998%2D12%2D09%2Epdf

Document Type: Monitoring Reports **Size :** 1,614 KB
Document Date: 6/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 4/9/1990- 6/30/1993 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5152387857/GWM%5FR%5F1990%2D04%2D09%2Epdf

Document Type: Site Documents **Size :**
Document Date: 4/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: STATUS REPORT 4/30/1993 - 2/28/1994
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874828

Document Type: Site Documents **Size :**
Document Date: 10/3/1991 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5884758

Document Type: Site Documents **Size :**
Document Date: 1/1/1990 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: MAPS METROSCAN FROM LUSTOP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874825

Document Type: Site Documents **Size :**
Document Date: 9/12/1989 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5884759

Document Type: Site Documents **Size :**
Document Date: 4/14/1989 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5884760

Document Type: Site Documents **Size :**
Document Date: 10/23/1987 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: UNAUTHORIZED RELEASE FORM **Submitted:**
Title: URF
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501270&document_id=5874293

19	3 of 4	WSW	0.14 / 758.04	78.38 / 3	SANTA CLARA SHELL 1995 EL CAMINO REAL SANTA CLARA CA 95050	HHSS

County: Santa Clara
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000208ad.pdf

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19	4 of 4	WSW	0.14 / 758.04	78.38 / 3	SANTA CLARA SHELL 1995 EL CAMINO REAL SANTA CLARA CA	HIST TANK

Owner Name: SHELL OIL COMPANY **No of Containers:** 4
Owner Street: P. O. BOX 4848 **County:** SANTA CLARA
Owner City: ANAHEIM **Facility State:** CA
Owner State: CA **Facility Zip:** 95050
Owner Zip: 92803

20	1 of 4	ESE	0.15 / 791.76	73.56 / -2	Santa Clara Car Wash 1483 El Camino Real Santa Clara CA	LOP SANTACLARA

SCVWD ID: 07S1W03H03f
Closure Date: 9/11/2000
Link: http://lustop.sccgov.org/files/07S1W03H03f/

20	2 of 4	ESE	0.15 / 791.76	73.56 / -2	SANTA CLARA CAR WASH 1483 EL CAMINO REAL SANTA CLARA CA 95050	LUST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Global ID: T0608501195
Status: COMPLETED - CASE CLOSED
Status Date: 9/11/2000
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: SANTA CLARA
Latitude: 37.3527268486796
Longitude: -121.953056626984

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 10/6/1988
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: NO
Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 46-50%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date : 6/3/2005
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 9/11/2000
Action: Closure/No Further Action Letter

Action Type: RESPONSE
Date : 8/7/2000
Action: Soil and Water Investigation Report

Action Type: ENFORCEMENT
Date : 7/28/2000
Action: Staff Letter - #23218

Action Type: RESPONSE
Date : 12/27/1999
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 12/17/1999
Action: Staff Letter - #23215

Action Type: ENFORCEMENT
Date : 8/3/1999
Action: Staff Letter - #23213

Action Type: RESPONSE
Date : 3/10/1999
Action: Soil and Water Investigation Workplan

Action Type: RESPONSE
Date : 2/26/1999
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 12/29/1998
Action: Staff Letter - #23208

Action Type: RESPONSE
Date : 5/15/1997
Action: Soil and Water Investigation Workplan

Action Type: ENFORCEMENT
Date : 3/24/1997
Action: Staff Letter - #23205

Action Type: ENFORCEMENT
Date : 2/28/1997
Action: Notice of Responsibility - #39656

Action Type: Other
Date : 10/6/1988
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 9/11/2000

Status: Open - Site Assessment
Status Date: 8/11/1995

Status: Open - Case Begin Date
Status Date: 10/6/1988

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: SANTA CLARA CAR WASH
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 1483 EL CAMINO REAL
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608501195
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 9/11/2000
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608501195&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board

SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03H03f

Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 9/11/2000

Status: Open - Site Assessment
Date : 8/11/1995

Status: Open - Case Begin Date
Date : 10/6/1988

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Other
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501195&doc_id=5927429
Title Description Comments:

Microfiche Scans - See Read Me First - 06/03/2005

Action Type: Other Regulatory Actions
Action Date: 9/11/2000
Received Issue Date: 9/11/2000
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501195&enforcement_id=6324318&temptable=ENFORCEMENT
Title Description Comments:

Closure 09/11/2000

Action Type: Response Requested - Reports
Action Date: 8/7/2000
Received Issue Date: 8/7/2000
Action: Soil and Water Investigation Report
Doc Link:
Title Description Comments:

Soil and Water Investigation Report

Action Type: Other Regulatory Actions
Action Date: 7/28/2000
Received Issue Date: 7/28/2000
Action: Staff Letter - #23218
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 12/27/1999
Received Issue Date: 12/27/1999
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 12/17/1999
Received Issue Date: 12/17/1999
Action: Staff Letter - #23215
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 8/3/1999
Received Issue Date: 8/3/1999
Action: Staff Letter - #23213
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 3/10/1999
Received Issue Date: 3/10/1999
Action: Soil and Water Investigation Workplan
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan

Action Type: Response Requested - Reports
Action Date: 2/26/1999
Received Issue Date: 3/12/1999
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 12/29/1998
Received Issue Date: 12/29/1998
Action: Staff Letter - #23208
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 3/24/1997
Received Issue Date: 3/24/1997
Action: Staff Letter - #23205
Doc Link:
Title Description Comments:

Action Type: Notices
Action Date: 2/28/1997
Received Issue Date: 2/28/1997
Action: Notice of Responsibility - #39656
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 5/15/1997
Received Issue Date:
Action: Soil and Water Investigation Workplan
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan

Action Type: Leak Action
Action Date: 10/6/1988
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 10/5/2007
Type: LETTER
Title: CLOSURE LETTER & SITE CLOSURE SUMMARY
Title Link: https://geotracker.waterboards.ca.gov/site_documents/1130528092/CLOS%5FL%5F2000%2D06%2D16%2Epdf
Size : 419 KB
Submitted By: CYNTHIA MANA-AY (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 6/3/2005
Type: OTHER REPORT / DOCUMENT
Title: MICROFICHE SCANS - SEE READ ME FIRST - 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501195&document_id=5927429
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 9/11/2000
Type: CLOSURE/NO FURTHER ACTION LETTER
Title: CLOSURE 09/11/2000
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501195&enforcement_id=6324318
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

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20 ***3 of 4*** ***ESE*** ***0.15 / 791.76*** ***73.56 / -2*** ***SANTA CLARA CAR WASH 1483 EL CAMINO REAL SANTA CLARA CA*** ***HIST TANK***

Owner Name: LOZANO WESTGATE INC.
Owner Street: 1483 EL CAMINO REAL
Owner City: SANTA CLARA
Owner State: CA
Owner Zip: 95050
No of Containers: 3
County: SANTA CLARA
Facility State: CA
Facility Zip: 95050

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20 ***4 of 4*** ***ESE*** ***0.15 / 791.76*** ***73.56 / -2*** ***SANTA CLARA CAR WASH 1483 EL CAMINO REAL SANTA CLARA CA*** ***UST SWEEPS***

C C: A43-010-42307
BOE:
Comp: 42307
Status: ACTIVE
No of Tanks: 2
Jurisdict: CITY OF SANTA CLARA
Agency: FIRE DEPARTMENT
Phone:
D Filename: SITE03A
Page No: 84
County: SANTA CLARA
State : CA
Zip: 95050
Latitude: 37.352455
Longitude: -121.954365
Georesult: S5HPNTSCZA

Tank Details

Tank ID: 000002
O Tank ID: 42307T002
SWRCB No: 43-010-042307-000002
Removed:
Installed:
A Date: 12-31-90
Capac: 10000
Tank Use: M.V. FUEL
S Contain:
Stg: P
Storage :
Storag Type: PRODUCT
P Contain:
Content: REG UNLEADED
ONA: MANOJ KUMAR
D File Name: TANK3A

Tank Details

Tank ID:	000001	***S Contain:***	
O Tank ID:	42307T001	***Stg:***	P
SWRCB No:	43-010-042307-000001	***Storage :***	
Removed:		***Storag Type:***	PRODUCT
Installed:		***P Contain:***	
A Date:	12-31-90	***Content:***	REG UNLEADED
Capac:	10000	***ONA:***	MANOJ KUMAR
Tank Use:	M.V. FUEL	***D File Name:***	TANK3A

21	***1 of 1***	***NW***	***0.15 / 806.41***	***70.08 / -5***	***1900 WARBURTON RESIDENTIAL DEVELOPMENT 1900 WARBURTON AVE. SANTA CLARA CA 95050***	***CLEANUP SITES***

Global ID:	T10000012872	***Latitude:***	37.35559
Status:	OPEN - VERIFICATION MONITORING	***Longitude:***	-121.95819
Status Date:	7/9/2019	***County:***	SANTA CLARA
Site Facility Type:	CLEANUP PROGRAM SITE		
Data Source:	Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:		***Stop Method:***	
Local Case No:	2019-04s	***CUF Case:***	NO
Begin Date:	3/12/2019	***Case Worker:***	TLF
File Location:	All Files are on GeoTracker or in the Local Agency Database		
Lead Agency:	SANTA CLARA COUNTY LOP		
Local Agency:	SANTA CLARA COUNTY LOP		
Potential COC:	Chlordane, DDD / DDE / DDT, Other Insecticides / Pesticide / Fumigants / Herbicides		
Potential Media of Concern:	Other Groundwater (uses other than drinking water), Soil		
How Discovered:			
How Discovered Description:			
Stop Description:			
CalWater Watershed Name:	Santa Clara - Palo Alto (205.50)		
DWR GW Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)		
Disadvantaged Community:			
CalEnviroScreen Score:	76-80%		
Site History:			

Former flower shop/nursery is proposed for a residential development. The development project involves the demolition of the existing buildings and surface coverings on the property, and the construction of a three-story, residential apartment complex with landscaping areas and at grade parking. As part of the development, approximately 314 cubic yards of soil contaminated with organochlorine pesticides (OCPs) and the heavy metal lead will be excavated during grading activities, and temporarily stockpiled on-site. The contaminated soil will then be encapsulated beneath the concrete building foundations to substantially reduce the risk of exposure. After the contaminated soil is encapsulated, it will be managed over the long-term through the use of an institutional control (Deed Restriction).

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type:	ENFORCEMENT
Date:	2021-01-29 00:00:00
Action:	Staff Letter
Action Type:	ENFORCEMENT
Date:	2020-12-21 00:00:00
Action:	Email Correspondence
Action Type:	ENFORCEMENT
Date:	2020-08-07 00:00:00
Action:	Deed Restriction / Land Use Restriction / Covenant - #24568933
Action Type:	RESPONSE

Date: 2020-07-09 00:00:00
Action: Other Report / Document

Action Type: ENFORCEMENT
Date: 2020-06-02 00:00:00
Action: Staff Letter

Action Type: RESPONSE
Date: 2019-11-01 00:00:00
Action: Other Report / Document

Action Type: RESPONSE
Date: 2019-08-09 00:00:00
Action: Other Report / Document - Regulator Responded

Action Type: ENFORCEMENT
Date: 2019-07-09 00:00:00
Action: Staff Letter

Action Type: RESPONSE
Date: 2019-07-05 00:00:00
Action: Site Assessment Report - Regulator Responded

Action Type: ENFORCEMENT
Date: 2019-06-13 00:00:00
Action: Staff Letter

Action Type: ENFORCEMENT
Date: 2019-05-09 00:00:00
Action: Staff Letter

Action Type: ENFORCEMENT
Date: 2019-04-02 00:00:00
Action: Staff Letter

Action Type: ENFORCEMENT
Date: 2019-03-29 00:00:00
Action: Cost Recovery Agreement / N. of Reimbursement

Action Type: ENFORCEMENT
Date: 2019-03-12 00:00:00
Action: Letter - Notice

Action Type: RESPONSE
Date: 2019-03-12 00:00:00
Action: Other Report / Document

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Verification Monitoring
Status Date: 2019-07-09 00:00:00

Status: Open - Site Assessment
Status Date: 2019-04-02 00:00:00

Status: Open - Case Begin Date
Status Date: 2019-03-12 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: TRAVIS L. FLORA
Phone No: 4089183486
Organization Name: SANTA CLARA COUNTY LOP
Email: travis.flora@cep.sccgov.org
Address: 1555 Berger Dr.
City: SAN JOSE

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:		***Facility Type:***	
Cuf Claim No:		***WDR Place Type:***	
CUF Priority Assign:		***Wdr File No:***	
CUF Amount Paid:		***Wdr Order No:***	
Composting Method:			
File Location:	ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE		
User Defined Beneficial Use:			
Designated Beneficial Use:	MUN, AGR, IND, PROC		
Designated Beneficl Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply		
Project Oversight Agencies:			
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000012872		
Cleanup Status Detail:	OPEN - VERIFICATION MONITORING AS OF 7/9/2019		
Potential COC:	CHLORDANE, DDD / DDE / DDT, OTHER INSECTICIDES / PESTICIDE / FUMIGANTS / HERBICIDES		
Potential Media of Concern:	OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL		
Groundwater Monitoring Frequen:			
DWR GW Sub Basin:	Santa Clara Valley - Santa Clara (2-009.02)		
CalWater Watershed Name:	Santa Clara - Palo Alto (205.50)		
Post Closure Site Management:	NOTIFY DAMAGES TO REMEDY AND MONITORING SYSTEMS UPON DISCOVERY NOTIFY PRIOR TO CHANGE IN LAND USE NOTIFY PRIOR TO SUBSURFACE WORK PERFORM H&S PLAN PRIOR TO SUBSURFACE WORK REQUIRES SURFACE COVERS		
Future Land Use:			
Cleanup Oversight Agencies:	SANTA CLARA COUNTY LOP (LEAD) - CASE #: 2019-04s CASEWORKER: TRAVIS L. FLORA		
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000012872&tabname=regulatoryhistory		

Site History:

Former flower shop/nursery is proposed for a residential development. The development project involves the demolition of the existing buildings and surface coverings on the property, and the construction of a three-story, residential apartment complex with landscaping areas and at grade parking. As part of the development, approximately 314 cubic yards of soil contaminated with organochlorine pesticides (OCPs) and the heavy metal lead will be excavated during grading activities, and temporarily stockpiled on-site. The contaminated soil will then be encapsulated beneath the concrete building foundations to substantially reduce the risk of exposure. After the contaminated soil is encapsulated, it will be managed over the long-term through the use of an institutional control (Deed Restriction).

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type:	Other Regulatory Actions
Action Date:	1/29/2021
Received Issue Date:	1/29/2021
Action:	Staff Letter
Doc Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6456619&temptable=ENFORCEMENT
Title Description Comments:	

DEH requires updated development schedule and confirmation of soil encapsulation completion

Action Type:	Other Regulatory Actions
Action Date:	12/21/2020
Received Issue Date:	12/21/2020
Action:	Email Correspondence
Doc Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6454034&temptable=ENFORCEMENT
Title Description Comments:	

Email to DD Warburton regarding project status and new primary point of contact

Action Type:	Other Regulatory Actions
Action Date:	8/7/2020
Received Issue Date:	8/7/2020
Action:	Deed Restriction / Land Use Restriction / Covenant - #24568933
Doc Link:	https://geotracker.waterboards.ca.gov/view_documents?

global_id=T10000012872&enforcement_id=6454442&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 7/9/2020
Received Issue Date: 5/12/2020
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000012872&doc_id=5998348
Title Description Comments:

Site Management Plan Implementation Report

Action Type: Other Regulatory Actions
Action Date: 6/2/2020
Received Issue Date: 6/2/2020
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?
global_id=T10000012872&enforcement_id=6437041&temptable=ENFORCEMENT
Title Description Comments:

SMP Report response and requirement for deed restriction

Action Type: Response Requested - Other
Action Date: 11/1/2019
Received Issue Date:
Action: Other Report / Document
Doc Link:
Title Description Comments:

Draft Deed Restriction

Action Type: Response Requested - Other
Action Date: 8/9/2019
Received Issue Date: 6/28/2019
Action: Other Report / Document - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000012872&doc_id=5995968
Title Description Comments:

Site Management Plan

Action Type: Other Regulatory Actions
Action Date: 7/9/2019
Received Issue Date: 7/9/2019
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?
global_id=T10000012872&enforcement_id=6408253&temptable=ENFORCEMENT
Title Description Comments:

SMP Approval

Action Type: Response Requested - Reports
Action Date: 7/5/2019
Received Issue Date: 6/9/2019
Action: Site Assessment Report - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000012872&doc_id=5992674
Title Description Comments:

Site Characterization, Soil and Groundwater Sampling Report

Action Type: Other Regulatory Actions
Action Date: 6/13/2019
Received Issue Date: 6/13/2019
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?

global_id=T10000012872&enforcement_id=6405510&temptable=ENFORCEMENT

Title Description Comments:

Response to Site Investigation Report

Action Type: Other Regulatory Actions
Action Date: 5/9/2019
Received Issue Date: 5/9/2019
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6401609&temptable=ENFORCEMENT
Title Description Comments:

WP Approval

Action Type: Other Regulatory Actions
Action Date: 4/2/2019
Received Issue Date: 4/2/2019
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6397903&temptable=ENFORCEMENT
Title Description Comments:

Opening directive letter

Action Type: Agreements
Action Date: 3/29/2019
Received Issue Date: 3/29/2019
Action: Cost Recovery Agreement / N. of Reimbursement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6397890&temptable=ENFORCEMENT
Title Description Comments:

Remedial Action Agreement

Action Type: Notices
Action Date: 3/12/2019
Received Issue Date: 3/12/2019
Action: Letter - Notice
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6397891&temptable=ENFORCEMENT
Title Description Comments:

HSC 101480 Notice

Action Type: Response Requested - Other
Action Date: 3/12/2019
Received Issue Date: 3/12/2019
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000012872&doc_id=5989550
Title Description Comments:

Application for Regulatory Oversight

Sites from GeoTracker Search - Deed Restrictions (as of May 29, 2021)

Date Recorded: 8/7/2020
Site Management Requirements: NOTIFY DAMAGES TO REMEDY AND MONITORING SYSTEMS UPON DISCOVERY, NOTIFY PRIOR TO CHANGE IN LAND USE, NOTIFY PRIOR TO SUBSURFACE WORK, PERFORM H&S PLAN PRIOR TO SUBSURFACE WORK, REQUIRES SURFACE COVERS
Covenant Doc Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1315000236/Warburton%20Recorded%20Covenant%20Contaminated%20Soil%20%282%29.pdf

Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents ***Submitted:***
Document Date: 1/29/2021 ***Submitted By:*** TRAVIS FLORA (REGULATOR)
Size :
Title: DEH REQUIRES UPDATED DEVELOPMENT SCHEDULE AND CONFIRMATION OF SOIL ENCAPSULATION COMPLETION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6456619
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 12/21/2020 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: EMAIL TO DD WARBURTON REGARDING PROJECT STATUS AND NEW PRIMARY POINT OF CONTACT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6454034
Type: EMAIL CORRESPONDENCE

Document Type: Site Documents ***Submitted:***
Document Date: 8/7/2020 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6454442
Type: DEED RESTRICTION / LAND USE RESTRICTION / COVENANT

Document Type: Site Documents ***Submitted:***
Document Date: 6/2/2020 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: SMP REPORT RESPONSE AND REQUIREMENT FOR DEED RESTRICTION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6437041
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 5/11/2020 ***Submitted By:*** SILICON VALLEY ENVIRONMENTAL GROUP, INC. (AUTH_RP)
Size : 13,998 KB
Title: 1900 WARBURTON SMP IMPLEMENTATION REPORT 5-11-2020
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5911855876/T10000012872.PDF
Type: STATUS / PROGRESS REPORTS

Document Type: Site Documents ***Submitted:***
Document Date: 7/9/2019 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: SMP APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6408253
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 6/28/2019 ***Submitted By:*** SILICON VALLEY ENVIRONMENTAL GROUP, INC. (AUTH_RP)
Size : 12,180 KB
Title: 2019-04S SITE MANAGEMENT PLAN 28-JUNE-2019
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3315451264/T10000012872.PDF
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents ***Submitted:***
Document Date: 6/13/2019 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: RESPONSE TO SITE INVESTIGATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6405510
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 6/7/2019 ***Submitted By:*** SILICON VALLEY ENVIRONMENTAL GROUP, INC. (AUTH_RP)
Size : 1,701 KB
Title: 1900 WARBURTON - SOIL AND WATER INVESTIGATION RPT 6-7-19
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6214123666/T10000012872.PDF
Type: SOIL AND WATER INVESTIGATION REPORT

Document Type: Site Documents
Document Date: 5/9/2019
Size :
Title: WP APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6401609
Type: STAFF LETTER
Submitted:
Submitted By: AARON COSTA (REGULATOR)

Document Type: Site Documents
Document Date: 4/30/2019
Size : 10,734 KB
Title: SITE CHARACTERIZATION, SOIL & GROUNDWATER INVESTIGATION WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2336388647/T10000012872.PDF
Type: SOIL AND WATER INVESTIGATION WORKPLAN
Submitted:
Submitted By: SILICON VALLEY ENVIRONMENTAL GROUP, INC. (AUTH_RP)

Document Type: Site Documents
Document Date: 4/2/2019
Size :
Title: OPENING DIRECTIVE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6397903
Type: STAFF LETTER
Submitted:
Submitted By: AARON COSTA (REGULATOR)

Document Type: Site Documents
Document Date: 3/29/2019
Size :
Title: REMEDIAL ACTION AGREEMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6397890
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT
Submitted:
Submitted By: AARON COSTA (REGULATOR)

Document Type: Site Documents
Document Date: 3/12/2019
Size :
Title: APPLICATION FOR REGULATORY OVERSIGHT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&document_id=5989550
Type: OTHER REPORT / DOCUMENT
Submitted:
Submitted By: AARON COSTA (REGULATOR)

Document Type: Site Documents
Document Date: 3/12/2019
Size :
Title: HSC 101480 NOTICE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012872&enforcement_id=6397891
Type: LETTER - NOTICE
Submitted:
Submitted By: AARON COSTA (REGULATOR)

Document Type: Site Documents
Document Date: 9/12/2017
Size : 8,326 KB
Title: PHASE I ENVIRONMENTAL SITE ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8258459925/T10000012872.PDF
Type: PHASE I ASSESSMENT REPORT
Submitted:
Submitted By: SILICON VALLEY ENVIRONMENTAL GROUP, INC. (AUTH_RP)

Sites from GeoTracker Search - Site Maps (as of May 29, 2021)

Title: GEO_MAP
Size : 93 KB
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/6165483951/T10000012872.PDF
Submitted By: SILICON VALLEY ENVIRONMENTAL GROUP, INC. (AUTH_RP)
Submitted: 6/20/2019

Title: SITE CHARACTERIZATION, SOIL, AND GROUNDWATER SAMPLING REPORT (GW-1)
Size : 51 KB
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3882687509/T10000012872.PDF
Submitted By: SILICON VALLEY ENVIRONMENTAL GROUP, INC. (AUTH_RP)
Submitted: 6/20/2019

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Open - Verification Monitoring

Date: 7/9/2019

Status: Open - Site Assessment
Date: 4/2/2019

Status: Open - Case Begin Date
Date: 3/12/2019

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22 | 1 of 4 | ESE | 0.16 / 853.05 | 75.73 / 0 | ONE STOP COLLISION CENTER
1486 JEFFERSON STREET
SANTA CLARA CA 95050 | EMISSIONS

2015 Criteria Data

Facility ID:	23391	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	.46218335
CO:	43	**ROGT:**	.46218333
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2015 Toxic Data

Facility ID:	23391	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Facility ID:	23391	**CERR CODE:**	
Facility SIC Code:	7532	**TOGT:**	.462183328
CO:	43	**ROGT:**	.3575390334334
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2016 Toxic Data

Facility ID:	23391	**TS:**	
Facility SIC Code:	7532	**HRA:**	
CERR CODE:		**CH Index:**	
COID:	SCL	**AH Index:**	
CO:	43	**Air Basin:**	SF
DISN:	BAY AREA AQMD	**District:**	BA
CHAPIS:			

2018 Criteria Data

Facility ID:	23391	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	.462490013
CO:	43	**ROGT:**	.3577762809524

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2018 Toxic Data

Facility ID:	23391	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2019 Criteria Data

CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
Facility ID:	23391	**ROGT:**	.9483840375402
District:	BA	**COT:**	
Facility SIC Code:	7532	**NOXT:**	
CO ID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD		
PM10T:			
TOGT:	.960000038		
PMT:			

2019 Toxic Data

CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
Faccility ID:	23391	**TS:**	
District:	BA	**Health Risk Asmt:**	
Facility SIC Code:	7532	**NonCncrChrnicHazInd :**	
COID:	SCL	**NonCncrActeHazInd:**	
DISN:	BAY AREA AQMD		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
22	2 of 4	ESE	0.16 / 853.05	75.73 / 0	CHAMPION AUTO BODY & REPAIR 1486 JEFFERSON STREET SANTA CLARA CA 95050	EMISSIONS

1996 Criteria Data

Facility ID:	8087	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	.3
CO:	43	**ROGT:**	.2568
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

1996 Toxic Data

Facility ID:	8087	**COID:**	SCL

Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1997 Criteria Data

Facility ID:	8087	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.3
CO:	43	***ROGT:***	.2568
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SCL	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

1997 Toxic Data

Facility ID:	8087	***COID:***	SCL
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1998 Criteria Data

Facility ID:	8087	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.3
CO:	43	***ROGT:***	.2568
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SCL	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

1998 Toxic Data

Facility ID:	8087	***COID:***	SCL
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1999 Criteria Data

Facility ID:	8087	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.371
CO:	43	***ROGT:***	.316658
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SCL	***SOXT:***	

DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

1999 Toxic Data

Facility ID:	8087	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2000 Criteria Data

Facility ID:	8087	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	.371
CO:	43	**ROGT:**	.31
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2000 Toxic Data

Facility ID:	8087	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2001 Criteria Data

Facility ID:	8087	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	.37
CO:	43	**ROGT:**	.31
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2001 Toxic Data

Facility ID:	8087	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2002 Toxic Data

Facility ID:	8087	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2003 Criteria Data

Facility ID:	8087	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	.371
CO:	43	**ROGT:**	.31
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2003 Toxic Data

Facility ID:	8087	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2004 Criteria Data

Facility ID:	8087	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	.371
CO:	43	**ROGT:**	.316658
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2004 Toxic Data

Facility ID:	8087	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2005 Criteria Data

Facility ID:	8087	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	.371
CO:	43	**ROGT:**	.316658
Air Basin:	SF	**COT:**	

District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2005 Toxic Data

Facility ID:	8087	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2006 Criteria Data

Facility ID:	8087	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	.371
CO:	43	**ROGT:**	.316658
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2006 Toxic Data

Facility ID:	8087	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2007 Criteria Data

Facility ID:	8087	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	.371
CO:	43	**ROGT:**	.316658
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2007 Toxic Data

Facility ID:	8087	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2008 Criteria Data

Facility ID:	8087	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.371
CO:	43	***ROGT:***	.316658
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SCL	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2008 Toxic Data

Facility ID:	8087	***COID:***	SCL
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	8087	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.371
CO:	43	***ROGT:***	.316658
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SCL	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2009 Toxic Data

Facility ID:	8087	***COID:***	SCL
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	8087	***COID:***	SCL
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	8087	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.231

CO:	43	***ROGT:***	.178642
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SCL	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2011 Toxic Data

Facility ID:	8087	***COID:***	SCL
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	8087	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.231
CO:	43	***ROGT:***	.178642
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SCL	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2012 Toxic Data

Facility ID:	8087	***COID:***	SCL
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	8087	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.231
CO:	43	***ROGT:***	.178642
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	SCL	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2013 Toxic Data

Facility ID:	8087	***COID:***	SCL
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Non-Cancer Acute Haz Ind:

2014 Criteria Data

Facility ID:	8087	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	.231091723
CO:	43	**ROGT:**	
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2014 Toxic Data

Facility ID:	8087	**COID:**	SCL
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
22	3 of 4	ESE	0.16 / 853.05	75.73 / 0	HANLEY H. MURRAY 1486 JEFFERSON ST. SANTA CLARA CA	HIST TANK

Owner Name:	HANLEY H. MURRAY	**No of Containers:**	10
Owner Street:	1486 JEFFERSON ST.	**County:**	SANTA CLARA
Owner City:	SANTA CLARA	**Facility State:**	CA
Owner State:	CA	**Facility Zip:**	95050
Owner Zip:	95050		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
22	4 of 4	ESE	0.16 / 853.05	75.73 / 0	CHAMPION AUTO BODY 1486 JEFFERSON ST SANTA CLARA CA 95050	CUPA SANTACLARA

Facility ID:	FA0211518
GIS Latitude:	37.352186
GIS Longitude:	-121.953169

Details

Record ID:	PR0313966
PE:	2205
Description:	GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier:	DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
23	1 of 1	ESE	0.16 / 859.26	72.51 / -3	CIVIC CENTER AUTO HAUS 1463 EL CAMINO REAL SANTA CLARA CA 95050	CUPA SANTACLARA

Facility ID:	FA0211513
GIS Latitude:	37.352648
GIS Longitude:	-121.952729

Details

Record ID:	PR0315080

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

PE: 2205
Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

24	1 of 1	W	0.16 / 869.06	74.17 / -1	UNDERWRITERS LABORATORIES INC 1655 SCOTT BL SANTA CLARA CA 95050	CUPA SANTACLARA

Facility ID: FA0211566
GIS Latitude: 37.353667
GIS Longitude: -121.959351

Details

Record ID: PR0312815
PE: 2205
Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

25	1 of 5	W	0.17 / 871.29	74.57 / -1	Underwriters Lab.,Inc. 1655 Scott Blvd Santa Clara CA	LOP SANTACLARA

SCVWD ID: 07S1W03G02f
Closure Date: 10/3/1995
Link: http://lustop.sccgov.org/files/07S1W03G02f/

25	2 of 5	W	0.17 / 871.29	74.57 / -1	UNDERWRITERS LAB.,INC. 1655 SCOTT BLVD SANTA CLARA CA 95050	LUST

Global ID: T0608501472
Status: COMPLETED - CASE CLOSED
Status Date: 10/3/1995
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: SANTA CLARA
Latitude: 37.35356
Longitude: -121.9586

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 1/1/1987
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: NO
Potential COC: Heating Oil / Fuel Oil
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 76-80%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date : 10/5/1995
Action: Closure/No Further Action Letter

Action Type: RESPONSE
Date : 1/1/1988
Action: Other Report / Document

Action Type: Other
Date : 1/1/1987
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 10/3/1995

Status: Open - Case Begin Date
Status Date: 1/1/1987

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: UNDERWRITERS LAB.,INC.
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
Potential COC: HEATING OIL / FUEL OIL
Facility Type:
Composting Method:
Address: 1655 SCOTT BLVD
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608501472
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 10/3/1995
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608501472&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03G02f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 10/3/1995

Status: Open - Case Begin Date
Date : 1/1/1987

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date: 10/5/1995
Received Issue Date: 10/5/1995
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501472&enforcement_id=6143037&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 1/1/1988
Received Issue Date: 1/1/1988
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501472&doc_id=5757568
Title Description Comments:

SCVWD Electronic Files

Action Type: Leak Action
Action Date: 1/1/1987
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 10/5/1995
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501472&enforcement_id=6143037

Document Type: Site Documents
Document Date: 1/1/1988
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: OTHER REPORT / DOCUMENT
Submitted:
Title: SCVWD ELECTRONIC FILES - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501472&document_id=5757568

25	3 of 5	W	0.17 / 871.29	74.57 / -1	***SHEA HOMES - SCOTT BLVD. PROJECT*** ***1655 SCOTT BOULEVARD*** ***SANTA CLARA CA 95050***	VCP

Estor/EPA ID: 60000350
Site Code: 201658
Nat Priority List: NO
Acres: 6.6 ACRES
Special Program: VOLUNTARY CLEANUP PROGRAM
Funding: SITE PROPONENT
Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Project Manager:
Supervisor: DENISE TSUJI
Public Partici Spclst:
Census Tract: 6085505202
County: SANTA CLARA
Latitude: 37.3536162034936
Longitude: -121.958326345215

School District:
APN: 224-20-070
Cleanup Status: NO FURTHER ACTION AS OF 8/25/2007
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type: VOLUNTARY CLEANUP
Office: CLEANUP BERKELEY
Past Use that Caused Contam: AGRICULTURAL - ORCHARD
Potential Media Affected: SOIL
Potential Contamin of Concern:

ARSENIC
DDD
DDE
DDT
LEAD

Site History:

The Site and its surrounding properties were utilized as orchards as early as 1939. By 1960, the Site was occupied by Underwriters Laboratory Inc. (ULI) which operated as a not-for-profit product testing and certification operation to determine product safety. Shea Homes acquired the property after ULI ceased operation in 2004.

Status: NO FURTHER ACTION
Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000350

Completed Activities

Title: Confirmation Sampling Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000350&doc_id=6012926
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Date Completed: 8/29/2007
Comments: No further action determination.

Title: Voluntary Cleanup Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000350&enforcement_id=6009492
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 6/13/2006
Comments:

Title: Soil Removal Activities
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 9/18/2006
Comments: Soil removal activity completed. Confimation sampling to be conducted on 9/22/2006.

Title: Site Management Plan & Addendum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000350&doc_id=6012392
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Workplan
Date Completed: 8/11/2006

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Comments:		SMP & Addendum approved.				
25	4 of 5	W	0.17 / 871.29	74.57 / -1	UNDERWRITERS LABORATORIES, INC 1655 SCOTT BOULEVARD SANTA CLARA CA 95050	EMISSIONS

1987 Criteria Data

Facility ID:	2896	**CERR Code:**	
Facility SIC Code:	8734	**TOGT:**	0
CO:	43	**ROGT:**	0
Air Basin:	SF	**COT:**	0
District:	BA	**NOXT:**	.1
COID:	SCL	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1987 Toxic Data

Facility ID:	2896	**COID:**	SCL
Facility SIC Code:	8734	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1990 Criteria Data

Facility ID:	2896	**CERR Code:**	
Facility SIC Code:	8734	**TOGT:**	0
CO:	43	**ROGT:**	0
Air Basin:	SF	**COT:**	0
District:	BA	**NOXT:**	.1
COID:	SCL	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1990 Toxic Data

Facility ID:	2896	**COID:**	SCL
Facility SIC Code:	8734	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2008 Criteria Data

Facility ID:	2896	**CERR Code:**	
Facility SIC Code:	8734	**TOGT:**	.004
CO:	43	**ROGT:**	.0006572
Air Basin:	SF	**COT:**	.019
District:	BA	**NOXT:**	.077
COID:	SCL	**SOXT:**	0

DISN:	BAY AREA AQMD	**PMT:**	.002
CHAPIS:		**PM10T:**	.002

2008 Toxic Data

Facility ID:	2896	**COID:**	SCL
Facility SIC Code:	8734	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	2896	**CERR Code:**	
Facility SIC Code:	8734	**TOGT:**	.004
CO:	43	**ROGT:**	.0006572
Air Basin:	SF	**COT:**	.019
District:	BA	**NOXT:**	.077
COID:	SCL	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.002
CHAPIS:		**PM10T:**	.002

2009 Toxic Data

Facility ID:	2896	**COID:**	SCL
Facility SIC Code:	8734	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	2896	**COID:**	SCL
Facility SIC Code:	8734	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	2896	**CERR Code:**	
Facility SIC Code:	8734	**TOGT:**	.004
CO:	43	**ROGT:**	.0006572
Air Basin:	SF	**COT:**	.019
District:	BA	**NOXT:**	.077
COID:	SCL	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.002
CHAPIS:		**PM10T:**	.002

2011 Toxic Data

Facility ID:	2896	**COID:**	SCL
Facility SIC Code:	8734	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	2896	**CERR Code:**	
Facility SIC Code:	8734	**TOGT:**	.004
CO:	43	**ROGT:**	.0006572
Air Basin:	SF	**COT:**	.019
District:	BA	**NOXT:**	.077
COID:	SCL	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.002
CHAPIS:		**PM10T:**	.002

2012 Toxic Data

Facility ID:	2896	**COID:**	SCL
Facility SIC Code:	8734	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	2896	**CERR Code:**	
Facility SIC Code:	8734	**TOGT:**	.004
CO:	43	**ROGT:**	.0006572
Air Basin:	SF	**COT:**	.019
District:	BA	**NOXT:**	.077
COID:	SCL	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.002
CHAPIS:		**PM10T:**	.002

2013 Toxic Data

Facility ID:	2896	**COID:**	SCL
Facility SIC Code:	8734	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2014 Criteria Data

Facility ID:	2896	**CERR Code:**	
Facility SIC Code:	8734	**TOGT:**	.004248618
CO:	43	**ROGT:**	
Air Basin:	SF	**COT:**	.019318741

District:	BA	**NOXT:**	.077402486
COID:	SCL	**SOXT:**	.000313653
DISN:	BAY AREA AQMD	**PMT:**	.00165419
CHAPIS:		**PM10T:**	.00165419

2014 Toxic Data

Facility ID:	2896	**COID:**	SCL
Facility SIC Code:	8734	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	2896	**CERR Code:**	
Facility SIC Code:	8734	**TOGT:**	.004248618
CO:	43	**ROGT:**	.003200909
Air Basin:	SF	**COT:**	.019318737
District:	BA	**NOXT:**	.077402485
COID:	SCL	**SOXT:**	.000313653
DISN:	BAY AREA AQMD	**PMT:**	.00165419
CHAPIS:		**PM10T:**	.00165419

2015 Toxic Data

Facility ID:	2896	**COID:**	SCL
Facility SIC Code:	8734	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Facility ID:	2896	**CERR CODE:**	
Facility SIC Code:	8734	**TOGT:**	.004248618
CO:	43	**ROGT:**	.000718260058
Air Basin:	SF	**COT:**	.019318741
District:	BA	**NOXT:**	.077402486
COID:	SCL	**SOXT:**	.000313653
DISN:	BAY AREA AQMD	**PMT:**	.00165419
CHAPIS:		**PM10T:**	.00165419

2016 Toxic Data

Facility ID:	2896	**TS:**	
Facility SIC Code:	8734	**HRA:**	
CERR CODE:		**CH Index:**	
COID:	SCL	**AH Index:**	
CO:	43	**Air Basin:**	SF
DISN:	BAY AREA AQMD	**District:**	BA
CHAPIS:			

2017 Criteria Data

Facility ID:	2896	**CERR Code:**	
Facility SIC Code:	8734	**TOGT:**	.004248618
CO:	43	**ROGT:**	.000718260058
Air Basin:	SF	**COT:**	.019318741
District:	BA	**NOXT:**	.077402486
COID:	SCL	**SOXT:**	.000313653
DISN:	BAY AREA AQMD	**PMT:**	.00165419
CHAPIS:		**PM10T:**	.00165419

2017 Toxic Data

Facility ID:	2896	**COID:**	SCL
Facility SIC Code:	8734	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2018 Criteria Data

Facility ID:	2896	**CERR Code:**	
Facility SIC Code:	8734	**TOGT:**	.004251438
CO:	43	**ROGT:**	.0007187371676
Air Basin:	SF	**COT:**	.01933156
District:	BA	**NOXT:**	.077453846
COID:	SCL	**SOXT:**	.000313861
DISN:	BAY AREA AQMD	**PMT:**	.001655288
CHAPIS:		**PM10T:**	.001655288

2018 Toxic Data

Facility ID:	2896	**COID:**	SCL
Facility SIC Code:	8734	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2019 Criteria Data

CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
Facility ID:	2896	**ROGT:**	.0007187371676
District:	BA	**COT:**	.01933156
Facility SIC Code:	8734	**NOXT:**	.077453846
CO ID:	SCL	**SOXT:**	.000313861
DISN:	BAY AREA AQMD		
PM10T:	.001655288		
TOGT:	.004251438		
PMT:	.001655288		

2019 Toxic Data

CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
Faccility ID:	2896	**TS:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

District: BA
Facility SIC Code: 8734
COID: SCL
DISN: BAY AREA AQMD
Health Risk Asmt:
NonCncrChrnicHazInd:
NonCncrActeHazInd:

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25 | **5 of 5** | **W** | **0.17 / 871.29** | **74.57 / -1** | **SHEA HOMES - SCOTT BLVD. PROJECT**
1655 SCOTT BOULEVARD
SANTA CLARA CA 95050 | **ENVIROSTOR**

Estor/EPA ID: 60000350
Site Code: 201658
Nat Priority List: NO
APN: 224-20-070
Census Tract: 6085505202
Site Type: VOLUNTARY CLEANUP
Address Description: 1655 SCOTT BOULEVARD
Office: CLEANUP BERKELEY
Special Program: VOLUNTARY CLEANUP PROGRAM
Funding: SITE PROPONENT
Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SANTA CLARA
Latitude: 37.3536162034936
Longitude: -121.958326345215
Acres: 6.6 ACRES
Supervisor: DENISE TSUJI
Cleanup Status: NO FURTHER ACTION AS OF 8/25/2007
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: AGRICULTURAL - ORCHARD
Potential Media Affected: SOIL
Potential Contamin of Concern:

ARSENIC
DDD
DDE
DDT
LEAD

Site History:

The Site and its surrounding properties were utilized as orchards as early as 1939. By 1960, the Site was occupied by Underwriters Laboratory Inc. (ULI) which operated as a not-for-profit product testing and certification operation to determine product safety. Shea Homes acquired the property after ULI ceased operation in 2004.

Status: NO FURTHER ACTION
A2 Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000350

Completed Activities

Title: Confirmation Sampling Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000350&doc_id=6012926
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Date Completed: 8/29/2007
Comments: No further action determination.

Title: Voluntary Cleanup Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000350&enforcement_id=6009492
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 6/13/2006
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title: Soil Removal Activities
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 9/18/2006
Comments: Soil removal activity completed. Confimation sampling to be conducted on 9/22/2006.

Title: Site Management Plan & Addendum
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000350&doc_id=6012392
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Workplan
Date Completed: 8/11/2006
Comments: SMP & Addendum approved.

26	1 of 1	ESE	0.17 / 918.13	72.33 / -3	UP & DOWN TRUCK CENTER 1443 EL CAMINO REAL SANTA CLARA CA 95050	DELISTED HAZ

Siteid: 383422
Latitude: 37.352679
Longitude: -121.952555
Original Source: CHAZ
Record Date: 30-MAY-2017

27	1 of 2	ESE	0.18 / 925.75	72.33 / -3	EL CAMINO PROPERTIES MIXED USE (CATALINA II) 1433-1493 EL CAMINO REAL SANTA CLARA CA 95050	CLEANUP SITES

Global ID: T10000011686
Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION
Status Date: 6/1/2018
Site Facility Type: CLEANUP PROGRAM SITE
Latitude: 37.35281
Longitude: -121.95304
County: SANTA CLARA
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: 2018-17s
Begin Date: 4/25/2018
File Location: All Files are on GeoTracker or in the Local Agency Database
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
Potential COC:
Potential Media of Concern: Other Groundwater (uses other than drinking water), Soil, Soil Vapor
How Discovered:
How Discovered Description:
Stop Description:
CalWater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
CalEnviroScreen Score: 41-45%
Site History:
Stop Method:
CUF Case: NO
Case Worker: TLF

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date: 2020-12-31 00:00:00
Action: Other Report / Document

Action Type: ENFORCEMENT
Date: 2019-12-02 00:00:00
Action: Staff Letter

Action Type: RESPONSE
Date: 2019-11-15 00:00:00
Action: Other Workplan - Regulator Responded

Action Type: ENFORCEMENT
Date: 2019-10-16 00:00:00
Action: Voluntary Remedial Action Agreement

Action Type: ENFORCEMENT
Date: 2019-09-13 00:00:00
Action: Staff Letter

Action Type: RESPONSE
Date: 2019-09-11 00:00:00
Action: Other Report / Document

Action Type: RESPONSE
Date: 2019-09-10 00:00:00
Action: Remedial Action Complete - Regulator Responded

Action Type: RESPONSE
Date: 2019-06-28 00:00:00
Action: Removal Action Complete

Action Type: ENFORCEMENT
Date: 2019-02-12 00:00:00
Action: Letter - Notice

Action Type: ENFORCEMENT
Date: 2018-11-09 00:00:00
Action: Staff Letter

Action Type: RESPONSE
Date: 2018-11-01 00:00:00
Action: Other Report / Document - Regulator Responded

Action Type: ENFORCEMENT
Date: 2018-10-16 00:00:00
Action: Cost Recovery Agreement / N. of Reimbursement

Action Type: RESPONSE
Date: 2018-09-26 00:00:00
Action: Other Report / Document

Action Type: ENFORCEMENT
Date: 2018-07-09 00:00:00
Action: Staff Letter

Action Type: RESPONSE
Date: 2018-06-12 00:00:00
Action: Other Workplan - Regulator Responded

Action Type: RESPONSE
Date: 2018-06-12 00:00:00
Action: Phase I Assessment Report

Action Type: ENFORCEMENT
Date: 2018-06-05 00:00:00
Action: Staff Letter

Action Type: ENFORCEMENT

Date: 2018-05-30 00:00:00
Action: Cost Recovery Agreement / N. of Reimbursement

Action Type: ENFORCEMENT
Date: 2018-04-25 00:00:00
Action: Letter - Notice

Action Type: RESPONSE
Date: 2018-04-25 00:00:00
Action: Other Report / Document

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Assessment & Interim Remedial Action
Status Date: 2018-06-01 00:00:00

Status: Open - Case Begin Date
Status Date: 2018-04-25 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: TRAVIS L. FLORA
Phone No: 4089183486
Organization Name: SANTA CLARA COUNTY LOP
Email: travis.flora@cep.sccgov.org
Address: 1555 Berger Dr.
City: SAN JOSE

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
Wdr File No:
Wdr Order No:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000011686
Cleanup Status Detail: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION AS OF 6/1/2018
Potential COC: NONE SPECIFIED
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Groundwater Monitoring Frequen:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
CalWater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD) - CASE #: 2018-17s
CASEWORKER: TRAVIS L. FLORA
SAN FRANCISCO BAY RWQCB (REGION 2)
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000011686&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Other
Action Date: 12/31/2020
Received Issue Date:
Action: Other Report / Document

Doc Link:
Title Description Comments:

Completion Report

Action Type: Other Regulatory Actions
Action Date: 12/2/2019
Received Issue Date: 12/2/2019
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6421790&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 11/15/2019
Received Issue Date: 11/21/2019
Action: Other Workplan - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011686&doc_id=6004054
Title Description Comments:

Soil Management Plan

Action Type: Agreements
Action Date: 10/16/2019
Received Issue Date: 10/16/2019
Action: Voluntary Remedial Action Agreement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6417745&temptable=ENFORCEMENT
Title Description Comments:

Remedial Action Agreement (Land Sea)

Action Type: Other Regulatory Actions
Action Date: 9/13/2019
Received Issue Date: 9/13/2019
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6414761&temptable=ENFORCEMENT
Title Description Comments:

DEH requires SMP

Action Type: Response Requested - Other
Action Date: 9/11/2019
Received Issue Date: 9/11/2019
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011686&doc_id=6004050
Title Description Comments:

Summary of Reuse of Shallow Excavated Soil

Action Type: Response Requested - Reports
Action Date: 9/10/2019
Received Issue Date: 9/10/2019
Action: Remedial Action Complete - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011686&doc_id=6004052
Title Description Comments:

Remedial Action And Closure Report

Action Type: Response Requested - Reports
Action Date: *6/28/2019
Received Issue Date: 8/29/2019
Action: Removal Action Complete

Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011686&doc_id=5969499
Title Description Comments:

Soil Removal Completion Report

Action Type: Notices
Action Date: 2/12/2019
Received Issue Date: 2/12/2019
Action: Letter - Notice
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6385693&temptable=ENFORCEMENT
Title Description Comments:

Notice Regarding Revised ESLs

Action Type: Other Regulatory Actions
Action Date: 11/9/2018
Received Issue Date: 11/9/2018
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6375423&temptable=ENFORCEMENT
Title Description Comments:

DEH agrees with additional excavation

Action Type: Response Requested - Other
Action Date: 11/1/2018
Received Issue Date: 11/1/2018
Action: Other Report / Document - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011686&doc_id=5978832
Title Description Comments:

Additional Soil Sampling Activities

Action Type: Agreements
Action Date: 10/16/2018
Received Issue Date: 10/16/2018
Action: Cost Recovery Agreement / N. of Reimbursement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6372426&temptable=ENFORCEMENT
Title Description Comments:

RAA with new RP

Action Type: Response Requested - Other
Action Date: 9/26/2018
Received Issue Date: 9/26/2018
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011686&doc_id=5975701
Title Description Comments:

Updated VCP application for oversight (new property owner), incl. copy of Grant Deed.

Action Type: Other Regulatory Actions
Action Date: 7/9/2018
Received Issue Date: 7/9/2018
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6363426&temptable=ENFORCEMENT
Title Description Comments:

DEH conditional approval of work plan

Action Type: Response Requested - Reports

Action Date: 6/12/2018
Received Issue Date: 6/12/2018
Action: Phase I Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011686&doc_id=5967264
Title Description Comments:

1433 to 1493 El Camino Phase I ESA

Action Type: Response Requested - Workplans
Action Date: 6/12/2018
Received Issue Date: 6/12/2018
Action: Other Workplan - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011686&doc_id=5967265
Title Description Comments:

Soil and Soil Vapor Quality Evaluation and Work Plan

Action Type: Other Regulatory Actions
Action Date: 6/5/2018
Received Issue Date: 6/5/2018
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6360185&temptable=ENFORCEMENT
Title Description Comments:

VCP intro letter

Action Type: Agreements
Action Date: 5/30/2018
Received Issue Date: 5/30/2018
Action: Cost Recovery Agreement / N. of Reimbursement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6359831&temptable=ENFORCEMENT
Title Description Comments:

RAA

Action Type: Notices
Action Date: 4/25/2018
Received Issue Date: 4/25/2018
Action: Letter - Notice
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6359832&temptable=ENFORCEMENT
Title Description Comments:

101480 Notice

Action Type: Response Requested - Other
Action Date: 4/25/2018
Received Issue Date: 4/25/2018
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011686&doc_id=5966201
Title Description Comments:

Request for Oversight - VCP Application

Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 12/2/2019
Size :
Submitted:
Submitted By: TRAVIS FLORA (REGULATOR)
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6421790

Type: STAFF LETTER

Document Type: Site Documents **Submitted:**
Document Date: 11/21/2019 **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 4,676 KB
Title: SOIL MANAGEMENT PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7240514934/T10000011686.PDF
Type: SOIL MANAGEMENT PLAN

Document Type: Site Documents **Submitted:**
Document Date: 10/16/2019 **Submitted By:** AARON COSTA (REGULATOR)
Size :
Title: REMEDIAL ACTION AGREEMENT (LAND SEA)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6417745
Type: VOLUNTARY REMEDIAL ACTION AGREEMENT

Document Type: Site Documents **Submitted:**
Document Date: 9/13/2019 **Submitted By:** TRAVIS FLORA (REGULATOR)
Size :
Title: DEH REQUIRES SMP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6414761
Type: STAFF LETTER

Document Type: Site Documents **Submitted:**
Document Date: 9/11/2019 **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 3,225 KB
Title: SUMMARY OF REUSE OF SHALLOW EXCAVATED SOIL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9943158090/T10000011686.PDF
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents **Submitted:**
Document Date: 8/28/2019 **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 33,493 KB
Title: REMEDIAL ACTION AND CLOSURE REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2008309423/T10000011686.PDF
Type: REQUEST FOR CLOSURE

Document Type: Site Documents **Submitted:**
Document Date: 2/12/2019 **Submitted By:** TRAVIS FLORA (REGULATOR)
Size :
Title: NOTICE REGARDING REVISED ESLS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6385693
Type: LETTER - NOTICE

Document Type: Site Documents **Submitted:**
Document Date: 11/9/2018 **Submitted By:** TRAVIS FLORA (REGULATOR)
Size :
Title: DEH AGREES WITH ADDITIONAL EXCAVATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6375423
Type: STAFF LETTER

Document Type: Site Documents **Submitted:**
Document Date: 11/1/2018 **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 4,541 KB
Title: ADDITIONAL SOIL SAMPLING ACTIVITIES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5108468830/T10000011686.PDF
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents **Submitted:**
Document Date: 10/16/2018 **Submitted By:** AARON COSTA (REGULATOR)
Size :
Title: RAA WITH NEW RP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6372426
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT

Document Type: Site Documents **Submitted:**
Document Date: 9/26/2018 **Submitted By:** TRAVIS FLORA (REGULATOR)
Size :
Title: UPDATED VCP APPLICATION FOR OVERSIGHT (NEW PROPERTY OWNER), INCL. COPY OF GRANT DEED.

Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&document_id=5975701
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents
Document Date: 7/9/2018
Size :
Submitted:
Submitted By: TRAVIS FLORA (REGULATOR)
Title: DEH CONDITIONAL APPROVAL OF WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6363426
Type: STAFF LETTER

Document Type: Site Documents
Document Date: 6/5/2018
Size :
Submitted:
Submitted By: TRAVIS FLORA (REGULATOR)
Title: VCP INTRO LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6360185
Type: STAFF LETTER

Document Type: Site Documents
Document Date: 5/30/2018
Size :
Submitted:
Submitted By: AARON COSTA (REGULATOR)
Title: RAA
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6359831
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT

Document Type: Site Documents
Document Date: 4/26/2018
Size : 5,448 KB
Submitted:
Submitted By: PETER LANGTRY (AUTH_RP)
Title: SOIL AND SOIL VAPOR QUALITY EVALUATION AND WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1275137782/T10000011686.PDF
Type: OTHER WORKPLAN

Document Type: Site Documents
Document Date: 4/25/2018
Size :
Submitted:
Submitted By: AARON COSTA (REGULATOR)
Title: REQUEST FOR OVERSIGHT - VCP APPLICATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&document_id=5966201
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents
Document Date: 4/25/2018
Size :
Submitted:
Submitted By: AARON COSTA (REGULATOR)
Title: 101480 NOTICE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011686&enforcement_id=6359832
Type: LETTER - NOTICE

Document Type: Site Documents
Document Date: 5/16/2017
Size : 19,618 KB
Submitted:
Submitted By: PETER LANGTRY (AUTH_RP)
Title: 1433 TO 1493 EL CAMINO PHASE I ESA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8057737886/T10000011686.PDF
Type: PHASE I ASSESSMENT REPORT

Sites from GeoTracker Search - Site Maps (as of May 29, 2021)

Title: GEO_MAP
Size : 265 KB
Submitted By: ROBERT CAMPBELL (AUTH_RP)
Submitted: 8/29/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/4978411197/T10000011686.PDF

Title: GEO_MAP
Size : 83 KB
Submitted By: ROBERT CAMPBELL (AUTH_RP)
Submitted: 8/29/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/7798835515/T10000011686.PDF

Title: GEO_MAP
Size : 119 KB
Submitted By: ROBERT CAMPBELL (AUTH_RP)
Submitted: 8/29/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/6349642276/T10000011686.PDF

Title: GEO_MAP
Size : 101 KB
Submitted By: ROBERT CAMPBELL (AUTH_RP)
Submitted: 8/29/2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/5028313696/T10000011686.PDF

Title: GEO_MAP
Size : 110 KB
Submitted By: ROBERT CAMPBELL (AUTH_RP)
Submitted: 8/29/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/3039101660/T10000011686.PDF

Title: GEO_MAP
Size : 239 KB
Submitted By: ROBERT CAMPBELL (AUTH_RP)
Submitted: 8/29/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/3194723963/T10000011686.PDF

Title: GEO_MAP
Size : 157 KB
Submitted By: ROBERT CAMPBELL (AUTH_RP)
Submitted: 8/29/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/9043267309/T10000011686.PDF

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Open - Assessment & Interim Remedial Action
Date: 6/1/2018

Status: Open - Case Begin Date
Date: 4/25/2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
27	2 of 2	ESE	0.18 / 925.75	72.33 / -3	SCS DEVELOPMENT CO. 1433 EL CAMINO REAL SANTA CLARA CA 95050	RCRA TSD

EPA Handler ID: CAC003013532
Gen Status Universe: No Report
Contact Name: BRIAN SCOTT
Contact Address: 846 CINDY LANE , , LIVERMORE , CA, 94550 ,
Contact Phone No and Ext: 925-989-3844
Contact Email: BRIAN@SCSDEVELOPMENT.COM
Contact Country:
Land Type:
County Name: SANTA CLARA
EPA Region: 09
Receive Date: 20190506
Location Latitude: 37.352734
Location Longitude: -121.95244

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190506
Handler Name: SCS DEVELOPMENT CO.
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: BRIAN SCOTT
Date Became Current:
Date Ended Current:
Phone: 925-989-3844
Source Type: Implementer
Street No:
Street 1: 846 CINDY LANE
Street 2:
City: LIVERMORE
State: CA
Country:
Zip Code: 94550

Owner/Operator Ind: Current Owner
Type: Other
Name: BRIAN SCOTT
Date Became Current:
Date Ended Current:
Phone: 408-985-6000
Source Type: Implementer
Street No:
Street 1: 404 SARATOGA AVE SUITE 100
Street 2:
City: SANTA CLARA
State: CA
Country:
Zip Code: 95050

28	1 of 9	WNW	0.18 / 938.78	70.10 / -5	**Capitol Petroleum** **1995 WARBURTON AVENUE** **Santa Clara CA 95050**	**DELISTED TNK**

Delisted Storage Tanks

Facility ID: 43-010-300720
Permitting Agency: SANTA CLARA, CITY OF
County: Santa Clara
Original Source: UST
Record Date: 30-JAN-2017
Latitude: 37.3574392
Longitude: -121.9576812

28	2 of 9	WNW	0.18 / 938.78	70.10 / -5	**Arco #2082** **1995 Warburton Ave Santa Clara CA**	**LOP SANTACLARA**

SCVWD ID: 07S1W03G04f
Closure Date: 12/22/2003
Link: http://lustop.sccgov.org/files/07S1W03G04f/

28	3 of 9	WNW	0.18 / 938.78	70.10 / -5	**ARCO #2082** **1995 WARBURTON AVE** **SANTA CLARA CA 95050**	**LUST**

Global ID: T0608500166
Status: COMPLETED - CASE CLOSED
Status Date: 12/22/2003
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: SANTA CLARA
Latitude: 37.3560359097426
Longitude: -121.959121227264

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Potential COC: Gasoline

Local Case No:		**How Discovered:**	
Begin Date:	10/5/1988	**Stop Method:**	
Lead Agency:	SANTA CLARA COUNTY LOP	**Stop Description:**	
Local Agency:	SANTA CLARA COUNTY LOP	**Case Worker:**	UST
CUF Case:	YES	**File Location:**	All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 76-80%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date : 12/12/2005
Action: Well Destruction Report

Action Type: ENFORCEMENT
Date : 12/22/2003
Action: Closure/No Further Action Letter

Action Type: RESPONSE
Date : 8/29/2003
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 5/28/2003
Action: Correspondence

Action Type: RESPONSE
Date : 1/31/2001
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 12/17/2000
Action: Staff Letter - #23152

Action Type: RESPONSE
Date : 4/13/2000
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 1/30/2000
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 10/30/1999
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 10/18/1999
Action: Staff Letter - #23306

Action Type: RESPONSE
Date : 6/25/1999
Action: Tank Removal Report / UST Sampling Report

Action Type: ENFORCEMENT
Date : 6/18/1999
Action: Staff Letter - #23304

Action Type: RESPONSE
Date : 6/14/1999
Action: Soil and Water Investigation Workplan

Action Type: RESPONSE
Date : 6/11/1999
Action: Soil and Water Investigation Workplan

Action Type: ENFORCEMENT
Date : 4/6/1999
Action: Staff Letter - #23300

Action Type: RESPONSE
Date : 10/2/1997
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 9/25/1997
Action: Staff Letter - #23296

Action Type: RESPONSE
Date : 9/16/1994
Action: Verbal Communication

Action Type: RESPONSE
Date : 3/7/1994
Action: CAP/RAP - Feasibility Study Report

Action Type: RESPONSE
Date : 9/30/1993
Action: Other Report / Document

Action Type: RESPONSE
Date : 8/17/1993
Action: Preliminary Site Assessment Report

Action Type: RESPONSE
Date : 12/29/1992
Action: Other Workplan

Action Type: RESPONSE
Date : 9/30/1991
Action: Other Report / Document

Action Type: RESPONSE
Date : 6/6/1991
Action: Correspondence

Action Type: RESPONSE
Date : 7/13/1989
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 5/9/1989
Action: Notice of Responsibility - #39712

Action Type: RESPONSE
Date : 3/20/1989
Action: Tank Removal Report / UST Sampling Report

Action Type: REMEDIATION
Date : 11/14/1988
Action: Excavation

Action Type: RESPONSE
Date : 10/10/1988
Action: Unauthorized Release Form

Action Type: Other
Date : 10/10/1988
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 12/22/2003

Status: Open - Site Assessment
Status Date: 5/22/1989

Status: Open - Site Assessment
Status Date: 10/5/1988

Status: Open - Case Begin Date
Status Date: 10/5/1988

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: ARCO #2082
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig: D
CUF Amount Paid:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 1995 WARBURTON AVE
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim: 11131
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608500166
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 12/22/2003
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608500166&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03G04f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed

Date : 12/22/2003

Status: Open - Site Assessment
Date : 5/22/1989

Status: Open - Case Begin Date
Date : 10/5/1988

Status: Open - Site Assessment
Date : 10/5/1988

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: EXCAVATION
Begin Date: 11/14/1988
Phase:
End Date: 11/14/1988
Contaminant Mass Removed:
Description:

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Reports
Action Date: 12/12/2005
Received Issue Date: 12/12/2005
Action: Well Destruction Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5874282
Title Description Comments:

WELL DESTRUCTION 1/21/1994 - 12/12/2005

Action Type: Other Regulatory Actions
Action Date: 12/22/2003
Received Issue Date: 12/22/2003
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&enforcement_id=6272279&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 8/29/2003
Received Issue Date: 8/29/2003
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5884763
Title Description Comments:

QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003

Action Type: Response Requested - Other
Action Date: 5/28/2003
Received Issue Date: 5/28/2003
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5874264
Title Description Comments:

CORRESPONDENCE FILE FROM LUSTOP 5/9/1989 - 5/28/2003

Action Type: Response Requested - Reports
Action Date: 1/31/2001
Received Issue Date: 3/15/2001
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 12/17/2000
Received Issue Date: 12/17/2000
Action: Staff Letter - #23152
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 4/13/2000
Received Issue Date: 4/13/2000
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5874278
Title Description Comments:

GROUNDWATER ASSESSMENT REPORT 8/25/1989 - 4/13/2000

Action Type: Response Requested - Reports
Action Date: 1/30/2000
Received Issue Date: 4/13/2000
Action: Soil and Water Investigation Report
Doc Link:
Title Description Comments:

Soil and Water Investigation Report

Action Type: Response Requested - Reports
Action Date: 10/30/1999
Received Issue Date: 8/2/1999
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 10/18/1999
Received Issue Date: 10/18/1999
Action: Staff Letter - #23306
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 6/25/1999
Received Issue Date: 6/25/1999
Action: Tank Removal Report / UST Sampling Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5874274
Title Description Comments:

UST SAMPLING REPORT

Action Type: Other Regulatory Actions
Action Date: 6/18/1999
Received Issue Date: 6/18/1999
Action: Staff Letter - #23304
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 6/14/1999
Received Issue Date: 6/11/1999
Action: Soil and Water Investigation Workplan
Doc Link:

Title Description Comments:

Soil and Water Investigation Workplan

Action Type: Response Requested - Workplans
Action Date: 6/11/1999
Received Issue Date: 6/11/1999
Action: Soil and Water Investigation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5874285
Title Description Comments:

WORKPLAN

Action Type: Other Regulatory Actions
Action Date: 4/6/1999
Received Issue Date: 4/6/1999
Action: Staff Letter - #23300
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 10/2/1997
Received Issue Date: 10/2/1997
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 9/25/1997
Received Issue Date: 9/25/1997
Action: Staff Letter - #23296
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 9/16/1994
Received Issue Date: 9/16/1994
Action: Verbal Communication
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5874266
Title Description Comments:

PHONE LOG FROM LUSTROP 9/29/1993 - 9/16/1994

Action Type: Response Requested - Reports
Action Date: 3/7/1994
Received Issue Date: 3/7/1994
Action: CAP/RAP - Feasibility Study Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5874265
Title Description Comments:

FEASBILITY STUDY

Action Type: Response Requested - Other
Action Date: 9/30/1993
Received Issue Date: 9/30/1993
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5874267
Title Description Comments:

MISCELLANEOUS REPORT FROM LUSTOP 3/8/1991 - 9/30/1993

Action Type: Response Requested - Reports
Action Date: 8/17/1993
Received Issue Date: 8/17/1993
Action: Preliminary Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5874268
Title Description Comments:

PRELIMINARY SITE ASSESSMENT REPORT

Action Type: Response Requested - Workplans
Action Date: 12/29/1992
Received Issue Date: 12/29/1992
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5874286
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Other
Action Date: 9/30/1991
Received Issue Date: 9/30/1991
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5884762
Title Description Comments:

STATUS REPORT 1/12/1990 - 9/30/1991

Action Type: Response Requested - Other
Action Date: 6/6/1991
Received Issue Date: 6/6/1991
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5874280
Title Description Comments:

STATE RELATED COORESPONDENCE FROM LUSTOP

Action Type: Response Requested - Other
Action Date: 7/13/1989
Received Issue Date: 7/13/1989
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5874270
Title Description Comments:

SITE SUMMARY REPORT

Action Type: Notices
Action Date: 5/9/1989
Received Issue Date: 5/9/1989
Action: Notice of Responsibility - #39712
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 3/20/1989
Received Issue Date: 3/20/1989
Action: Tank Removal Report / UST Sampling Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5874271
Title Description Comments:

TANK REMOVAL REPORT

Action Type: Response Requested - Other
Action Date: 10/10/1988

Received Issue Date: 10/10/1988
Action: Unauthorized Release Form
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500166&doc_id=5874272
Title Description Comments:

URF

Action Type: Cleanup Action
Action Date: 11/14/1988
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 10/10/1988
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Site Maps (as of May 29, 2021)

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/2690351188/T0608500166.pdf
Size : 103 KB
Submitted By: SUZANNE NASE (CONTRACTOR)
Submitted: 12/4/2003*

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 1/5/2006*
Type: REPORTS - OTHER
Size : 2,097 KB
Submitted By: SUZANNE NASE (CONTRACTOR)
Submitted:
Title: ARCO 2082 WELL DESTRUCTION REPORT 2005_07S1W03G04F
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1405912101/T0608500166.PDF

Document Type: Site Documents
Document Date: 12/12/2005
Type: WELL DESTRUCTION REPORT
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:
Title: WELL DESTRUCTION 1/21/1994 - 12/12/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5874282

Document Type: Site Documents
Document Date: 12/22/2003
Type: CLOSURE/NO FURTHER ACTION LETTER
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&enforcement_id=6272279

Document Type: Monitoring Reports
Document Date: 8/29/2003
Type: MONITORING REPORT - QUARTERLY
Size : 1,479 KB
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2003%2D02%2D26%2Epdf

Document Type: Monitoring Reports
Document Date: 8/29/2003
Type: MONITORING REPORT - QUARTERLY
Size : 1,131 KB
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1999%2D12%2D08%2Epdf

Document Type: Monitoring Reports
Size : 981 KB

Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1994%2D07%2D28%2Epdf

Document Type: Monitoring Reports **Size :** 1,553 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1996%2D11%2D18%2Epdf

Document Type: Monitoring Reports **Size :** 1,494 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2000%2D03%2D14%2Epdf

Document Type: Monitoring Reports **Size :** 1,332 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1997%2D09%2D25%2Epdf

Document Type: Monitoring Reports **Size :** 1,194 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1999%2D03%2D08%2Epdf

Document Type: Monitoring Reports **Size :** 1,545 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2000%2D06%2D09%2Epdf

Document Type: Monitoring Reports **Size :** 130 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1990%2D02%2D07%2Epdf

Document Type: Monitoring Reports **Size :** 1,374 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2002%2D02%2D14%2Epdf

Document Type: Monitoring Reports **Size :** 395 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1991%2D01%2D11%2Epdf

Document Type: Monitoring Reports **Size :** 1,043 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1998%2D09%2D18%2Epdf

Document Type: Monitoring Reports **Size :** 1,079 KB

Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1993%2D01%2D05%2Epdf

Document Type: Monitoring Reports **Size :** 167 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1989%2D11%2D04%2Epdf

Document Type: Monitoring Reports **Size :** 885 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1997%2D11%2D25%2Epdf

Document Type: Monitoring Reports **Size :** 1,723 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2003%2D04%2D25%2Epdf

Document Type: Monitoring Reports **Size :** 1,324 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2002%2D04%2D18%2Epdf

Document Type: Monitoring Reports **Size :** 1,071 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2001%2D06%2D13%2Epdf

Document Type: Monitoring Reports **Size :** 890 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1997%2D08%2D06%2Epdf

Document Type: Monitoring Reports **Size :** 994 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1999%2D04%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 978 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1992%2D03%2D26%2Epdf

Document Type: Monitoring Reports **Size :** 1,464 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2003%2D06%2D23%2Epdf

Document Type: Monitoring Reports **Size :** 518 KB

Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1991%2D08%2D01%2Epdf

Document Type: Monitoring Reports **Size :** 1,486 KB
Document Date: 8/29/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5150742053/GWM%5FR%5F1999%2D07%2D28%2Epdf

Document Type: Monitoring Reports **Size :** 1,092 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2001%2D03%2D06%2Epdf

Document Type: Monitoring Reports **Size :** 520 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1990%2D10%2D02%2Epdf

Document Type: Monitoring Reports **Size :** 1,177 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1994%2D01%2D07%2Epdf

Document Type: Monitoring Reports **Size :** 1,634 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2003%2D01%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 1,064 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1993%2D10%2D27%2Epdf

Document Type: Monitoring Reports **Size :** 1,122 KB
Document Date: 8/29/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5150742053/GWM%5FR%5F2000%2D11%2D15%2Epdf

Document Type: Monitoring Reports **Size :** 1,402 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1995%2D07%2D24%2Epdf

Document Type: Monitoring Reports **Size :** 1,258 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1995%2D11%2D22%2Epdf

Document Type: Monitoring Reports **Size :** 1,304 KB

Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2001%2D10%2D03%2Epdf

Document Type: Monitoring Reports **Size :** 892 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2000%2D09%2D21%2Epdf

Document Type: Monitoring Reports **Size :** 1,126 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1998%2D10%2D21%2Epdf

Document Type: Monitoring Reports **Size :** 1,120 KB
Document Date: 8/29/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5150742053/GWM%5FR%5F1996%2D01%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 1,829 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2003%2D08%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 1,075 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1993%2D06%2D15%2Epdf

Document Type: Monitoring Reports **Size :** 297 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1990%2D03%2D23%2Epdf

Document Type: Monitoring Reports **Size :** 432 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1991%2D03%2D20%2Epdf

Document Type: Monitoring Reports **Size :** 1,401 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2002%2D05%2D08%2Epdf

Document Type: Monitoring Reports **Size :** 794 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1997%2D12%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 1,062 KB

Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1993%2D03%2D26%2Epdf

Document Type: Monitoring Reports **Size :** 1,263 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1998%2D12%2D15%2Epdf

Document Type: Monitoring Reports **Size :** 1,524 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F2002%2D10%2D17%2Epdf

Document Type: Monitoring Reports **Size :** 932 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1995%2D03%2D22%2Epdf

Document Type: Monitoring Reports **Size :** 535 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1991%2D10%2D15%2Epdf

Document Type: Monitoring Reports **Size :** 997 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1996%2D04%2D26%2Epdf

Document Type: Monitoring Reports **Size :** 458 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1991%2D07%2D09%2Epdf

Document Type: Monitoring Reports **Size :** 927 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1991%2D12%2D12%2Epdf

Document Type: Monitoring Reports **Size :** 350 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1990%2D06%2D27%2Epdf

Document Type: Monitoring Reports **Size :** 1,159 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1996%2D07%2D25%2Epdf

Document Type: Monitoring Reports **Size :** 845 KB

Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1994%2D04%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 1,045 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1992%2D07%2D07%2Epdf

Document Type: Monitoring Reports **Size :** 1,066 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1992%2D10%2D20%2Epdf

Document Type: Monitoring Reports **Size :** 1,480 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1995%2D05%2D05%2Epdf

Document Type: Monitoring Reports **Size :** 84 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1990%2D10%2D15%2Epdf

Document Type: Monitoring Reports **Size :** 166 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1989%2D10%2D13%2Epdf

Document Type: Monitoring Reports **Size :** 2,135 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1997%2D02%2D11%2Epdf

Document Type: Monitoring Reports **Size :** 105 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1990%2D07%2D23%2Epdf

Document Type: Monitoring Reports **Size :** 957 KB
Document Date: 8/29/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 10/13/1989- 8/29/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2521574258/GWM%5FR%5F1994%2D11%2D11%2Epdf

Document Type: Site Documents **Size :** 107 KB
Document Date: 7/29/2003* **Submitted By:** PINNACLE EMS (CONTRACTOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: HISTORICAL -AGENCY DIRECTIVE TO PERFORM WELL DESTRUCTION ACTIVITIES DATED 07-2003
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6605448842/T0608500166.PDF

Document Type: Site Documents **Size :**

Document Date: 5/28/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: CORRESPONDENCE FILE FROM LUSTOP 5/9/1989 - 5/28/2003
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5874264

Document Type: Site Documents **Size :**
Document Date: 4/13/2000 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Title: GROUNDWATER ASSESSMENT REPORT 8/25/1989 - 4/13/2000
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5874278

Document Type: Site Documents **Size :**
Document Date: 6/25/1999 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: TANK REMOVAL REPORT / UST SAMPLING REPORT **Submitted:**
Title: UST SAMPLING REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5874274

Document Type: Site Documents **Size :**
Document Date: 6/11/1999 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: SOIL AND WATER INVESTIGATION WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5874285

Document Type: Site Documents **Size :**
Document Date: 9/16/1994 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: VERBAL COMMUNICATION **Submitted:**
Title: PHONE LOG FROM LUSTROP 9/29/1993 - 9/16/1994
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5874266

Document Type: Site Documents **Size :**
Document Date: 3/7/1994 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: CAP/RAP - FEASIBILITY STUDY REPORT **Submitted:**
Title: FEASBILITY STUDY
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5874265

Document Type: Site Documents **Size :**
Document Date: 9/30/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: MISCELLANEOUS REPORT FROM LUSTOP 3/8/1991 - 9/30/1993
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5874267

Document Type: Site Documents **Size :**
Document Date: 8/17/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: PRELIMINARY SITE ASSESSMENT REPORT **Submitted:**
Title: PRELIMINARY SITE ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5874268

Document Type: Site Documents **Size :**
Document Date: 12/29/1992 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5874286

Document Type: Site Documents **Size :**
Document Date: 9/30/1991 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: STATUS REPORT 1/12/1990 - 9/30/1991
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5884762

Document Type: Site Documents **Size :**
Document Date: 9/30/1991 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: STATUS REPORT 1/12/1990 - 9/30/1991
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5884762

Document Type: Site Documents **Size :**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Date: 6/6/1991 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: STATE RELATED COORESPONDENCE FROM LUSTOP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5874280

Document Type: Site Documents **Size :**
Document Date: 7/13/1989 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: SITE SUMMARY REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5874270

Document Type: Site Documents **Size :**
Document Date: 3/20/1989 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: TANK REMOVAL REPORT / UST SAMPLING REPORT **Submitted:**
Title: TANK REMOVAL REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5874271

Document Type: Site Documents **Size :**
Document Date: 10/10/1988 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: UNAUTHORIZED RELEASE FORM **Submitted:**
Title: URF
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500166&document_id=5874272

28	4 of 9	WNW	0.18 / 938.78	70.10 / -5	**PRESTIGE STATIONS INC 767** **1995 WARBURTON AVE** **SANTA CLARA CA 95050**	HHSS

County: Santa Clara
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ce02.pdf

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28	5 of 9	WNW	0.18 / 938.78	70.10 / -5	**ARCO #02082** **1995 WARBURTON AVE** **SANTA CLARA CA 95050**	CERS TANK

Site ID: 92946 **Latitude:** 37.355930
Longitude: -121.959080

Regulated Programs

EI ID: 10119793
EI Description: Hazardous Waste Generator

EI ID: 10119793
EI Description: Chemical Storage Facilities

EI ID: 10119793
EI Description: Underground Storage Tank

Violations

Violation Date: 11/25/2013 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Santa Clara City Fire Department
Citation: 22 CCR 15 66265.174 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.174
Violation Notes:

Violation Description:

Violations

Violation Date: 07/17/2017 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Santa Clara City Fire Department

Citation: 22 CCR 12 66262.42(a), (b), (d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42(a), (b), (d)

Violation Notes:

Violation Description:

Violations

Violation Date: 07/09/2020 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Violation Description:

Violations

Violation Date: 08/19/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Violation Description:

Violations

Violation Date: 07/05/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Violation Description:

Violations

Violation Date: 01/24/2019 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Notes:

Violation Description:

Violations

Violation Date: 05/08/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Notes:

Violation Description:

Violations

Violation Date: 07/17/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Notes:

Violation Description:

Violations

Violation Date: 01/24/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)
Violation Notes:

Violation Description:

Violations

Violation Date: 07/09/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Notes:

Violation Description:

Violations

Violation Date: 08/17/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2638(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(f)
Violation Notes:

Violation Description:

Violations

Violation Date: 08/10/2016 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Notes:

Violation Description:

Violations

Violation Date: 08/19/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Notes:

Violation Description:

Violations

Violation Date: 11/25/2013 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Notes:

Violation Description:

Violations

Violation Date: 07/15/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Violation Description:

Violations

Violation Date: 07/17/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Violation Description:

Violations

Violation Date: 11/25/2013 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Notes:

Violation Description:

Violations

Violation Date: 07/15/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Violation Description:

Violations

Violation Date: 08/17/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Violation Description:

Violations

Violation Date: 07/15/2019 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Notes:

Violation Description:

Violations

Violation Date: 11/25/2013 ***Violation Source:*** CERS

Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/08/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Violation Description:

Violations

Violation Date: 11/25/2013 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Notes:

Violation Description:

Violations

Violation Date: 12/21/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Notes:

Violation Description:

Violations

Violation Date: 11/25/2013 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Notes:

Violation Description:

Violations

Violation Date: 11/25/2013 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
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 Notes:

Violation Description:

Violations

Violation Date: 07/17/2017 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Violation Description:

Violations

Violation Date: 07/15/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Notes:

Violation Description:

Violations

Violation Date: 07/17/2017 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Violation Description:

Violations

Violation Date: 08/10/2016 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Violation Description:

Violations

Violation Date: 07/05/2018 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/08/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Violation Description:

Violations

Violation Date: 07/05/2018 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/08/2014
Violation Source: CERS
Violation Program: UST
Violation Division: Santa Clara City Fire Department
Citation: HSC 6.7 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25286
Violation Notes:

Violation Description:

Violations

Violation Date: 08/17/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Santa Clara City Fire Department
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Violation Description:

Evaluations

Eval Date: 11/25/2013
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 01/24/2019
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 11/25/2013
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 08/17/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 12/21/2018
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST

Eval Source: CERS
Eval Notes:

Eval Date: 11/25/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 07/15/2019
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 08/10/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 07/15/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 07/05/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 07/17/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 07/09/2020
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP

Eval Source: CERS
Eval Notes:

Eval Date: 05/08/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 07/05/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 08/17/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 08/19/2014
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 07/09/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 07/17/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 01/24/2019
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST

Eval Source: CERS
Eval Notes:

Eval Date: 07/05/2018
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 08/10/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 07/17/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 07/09/2020
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 08/10/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 12/21/2018
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: UST Permit Applicant
Entity Name: Peter Dinh
Entity Title: General Manager

Address:
City:
State:
Country:
Zip Code:
Phone: (408) 248-5955

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 1995 Warburton Ave
City: Santa Clara
State: CA
Country:
Zip Code: 95050
Phone:

Affil Type Desc: Legal Owner
Entity Name: Capitol Petroleum GP
Entity Title:
Address: 1995 Warburton Ave
City: Santa Clara
State: CA
Country: United States
Zip Code: 95050
Phone: (408) 248-5955

Affil Type Desc: Environmental Contact
Entity Name: Peter Dinh
Entity Title:
Address: 1995 Warburton Ave
City: Santa Clara
State: CA
Country:
Zip Code: 95050
Phone:

Affil Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title:
Address: 1675 Lincoln Street
City: Santa Clara
State: CA
Country:
Zip Code: 95050
Phone: (408) 615-4970

Affil Type Desc: UST Tank Owner
Entity Name: Capitol Petroleum GP
Entity Title:
Address: 1995 Warburton Ave
City: Santa Clara
State: CA
Country: United States
Zip Code: 95050
Phone: (408) 248-5955

Affil Type Desc: Parent Corporation
Entity Name: Capitol Petroleum, GP
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: UST Property Owner Name
Entity Name: Capitol Petroleum GP

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Title:
Address: 1995 Warburton Ave
City: Santa Clara
State: CA
Country: United States
Zip Code: 95050
Phone: (408) 248-5955

Affil Type Desc: Operator
Entity Name: Capitol Petroleum GP
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (408) 248-5955

Affil Type Desc: Identification Signer
Entity Name: Peter Dinh
Entity Title: General Manager
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Document Preparer
Entity Name: Peter Dinh
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Property Owner
Entity Name: Capitol Petroleum GP
Entity Title:
Address: 1995 Warburton Ave
City: Santa Clara
State: CA
Country: United States
Zip Code: 95050
Phone: (408) 248-5955

Affil Type Desc: UST Tank Operator
Entity Name: Capitol Petroleum GP
Entity Title:
Address: 1995 Warburton Ave
City: Santa Clara
State: CA
Country: United States
Zip Code: 95050
Phone: (408) 248-5955

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	6 of 9	WNW	0.18 / 938.78	70.10 / -5	PRESTIGE STATIONS INC #767 1995 WARBURTON AVE SANTA CLARA CA	HIST TANK

Owner Name: ARCO PETROLEUM PRODUCTS CO.
Owner Street: 515 SOUTH FLOWER STREET
Owner City: LOS ANGELES
Owner State: CA
Owner Zip: 90071
No of Containers: 5
County: SANTA CLARA
Facility State: CA
Facility Zip: 95050

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	7 of 9	WNW	0.18 / 938.78	70.10 / -5	WARBURTON SMOG PROS 1995 WARBURTON AV SANTA CLARA CA 95050	CUPA SANTACLARA

Facility ID: FA0211639
GIS Latitude: 37.355848
GIS Longitude: -121.959401

Details

Record ID: PR0313960
PE: 2253
Description: OBSOLETE SELF-AUDIT GEN <5 TONS/YR
Program Identifier: VINOD ARCO-HW

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	8 of 9	WNW	0.18 / 938.78	70.10 / -5	ARCO FACILITY #02082 - CAPITOL PETROLEUM 1995 WARBURTON AVE SANTA CLARA CA 95050	EMISSIONS

2017 Criteria Data

Facility ID: 111625
Facility SIC Code: 5411
CO: 43
Air Basin: SF
District: BA
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .339306912
ROGT: .339306912
COT:
NOXT:
SOXT:
PMT:
PM10T:

2017 Toxic Data

Facility ID: 111625
Facility SIC Code: 5411
CO: 43
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2018 Criteria Data

Facility ID: 111625
Facility SIC Code: 5541
CO: 43
Air Basin: SF
District: BA
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .339306912
ROGT: .339306912
COT:
NOXT:
SOXT:
PMT:
PM10T:

2018 Toxic Data

Facility ID: 111625
Facility SIC Code: 5541
CO: 43
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
CERR Code:

2019 Criteria Data

CO: 43
Air Basin: SF
Facility ID: 111625
District: BA
Facility SIC Code: 5541
CO ID: SCL
DISN: BAY AREA AQMD
PM10T:
TOGT: .339306912
PMT:
CHAPIS:
CERR Code:
ROGT: .339306912
COT:
NOXT:
SOXT:

2019 Toxic Data

CO: 43
Air Basin: SF
Faccility ID: 111625
District: BA
Facility SIC Code: 5541
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TS:
Health Risk Asmt:
NonCncrChrnicHazInd :
NonCncrActeHazInd:

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28 | **9 of 9** | **WNW** | **0.18 / 938.78** | **70.10 / -5** | **ARCO FACILITY #2082**
1995 WARBURTON AVENUE
SANTA CLARA CA | **UST SWEEPS**

C C: A43-010-91128
BOE: 44-000506
Comp: 91128
Status: ACTIVE
No of Tanks: 4
Jurisdict: CITY OF SANTA CLARA
Agency: FIRE DEPARTMENT
Phone:
D Filename: SITE03A
Page No: 92
County: SANTA CLARA
State : CA
Zip: 95050
Latitude: 37.355808
Longitude: -121.959379
Georesult: S5HPNTSCZA

Tank Details

Tank ID: 000004
O Tank ID: 91128T004
SWRCB No: 43-010-091128-000004
Removed:
Installed:
A Date: 05-21-92
Capac: 550
Tank Use: OIL
S Contain:
Stg: W
Storage :
Storag Type: WASTE
P Contain:
Content: WASTE OIL
ONA: MANOJ KUMAR
D File Name: TANK3A

Tank Details

Tank ID: 000001
O Tank ID: 1-UNL-R
SWRCB No: 43-010-091128-000001
Removed:
Installed:
A Date: 05-21-92
S Contain:
Stg: P
Storage :
Storag Type: PRODUCT
P Contain:
Content: REG UNLEADED

Capac:	12000	**ONA:**	MANOJ KUMAR
Tank Use:	M.V. FUEL	**D File Name:**	TANK3A

Tank Details

Tank ID:	000003	**S Contain:**	
O Tank ID:	3-UNL-P	**Stg:**	P
SWRCB No:	43-010-091128-000003	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:	05-21-92	**Content:**	REG UNLEADED
Capac:	12000	**ONA:**	MANOJ KUMAR
Tank Use:	M.V. FUEL	**D File Name:**	TANK3A

Tank Details

Tank ID:	000002	**S Contain:**	
O Tank ID:	2-UNL-R	**Stg:**	P
SWRCB No:	43-010-091128-000002	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:	05-21-92	**Content:**	REG UNLEADED
Capac:	12000	**ONA:**	MANOJ KUMAR
Tank Use:	M.V. FUEL	**D File Name:**	TANK3A

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29 | ***1 of 1*** | ***ESE*** | ***0.18 / 946.25*** | ***76.42 / 1*** | ***PRIVATE RESIDENCE***
PRIVATE RESIDENCE
SANTA CLARA CA 95050 | ***LUST***

Global ID:	T0608500686	**County:**	SANTA CLARA
Status:	COMPLETED - CASE CLOSED	**Latitude:**	37.3521810906253
Status Date:	3/4/1996	**Longitude:**	-121.952683925629
Case Type:	LUST CLEANUP SITE		

Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:		**Potential COC:**	Gasoline
Local Case No:		**How Discovered:**	
Begin Date:	3/6/1992	**Stop Method:**	
Lead Agency:	SANTA CLARA COUNTY LOP	**Stop Description:**	
Local Agency:	SANTA CLARA COUNTY LOP	**Case Worker:**	UST
CUF Case:	YES	**File Location:**	All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 46-50%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type:	ENFORCEMENT
Date :	3/4/1996
Action:	Closure/No Further Action Letter

Action Type:	RESPONSE
Date :	3/4/1996
Action:	Other Report / Document

Action Type: ENFORCEMENT
Date : 5/19/1993
Action: Notice of Responsibility - #39658

Action Type: Other
Date : 5/2/1992
Action: Leak Reported

Action Type: REMEDIATION
Date : 3/6/1992
Action: Excavation

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 3/4/1996

Status: Open - Verification Monitoring
Status Date: 5/22/1995

Status: Open - Case Begin Date
Status Date: 3/6/1992

Status: Open - Site Assessment
Status Date: 3/6/1992

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: PRIVATE RESIDENCE
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig: A
CUF Amount Paid: $25,683
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: PRIVATE RESIDENCE
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim: 10762
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608500686
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 3/4/1996
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608500686&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03J03f

Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 3/4/1996

Status: Open - Verification Monitoring
Date : 5/22/1995

Status: Open - Case Begin Date
Date : 3/6/1992

Status: Open - Site Assessment
Date : 3/6/1992

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: EXCAVATION
Begin Date: 3/6/1992
Phase:
End Date: 11/29/1993
Contaminant Mass Removed:
Description:

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Other
Action Date: 3/4/1996
Received Issue Date: 3/4/1996
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500686&doc_id=5825514
Title Description Comments:

SCVWD Electronic Files

Action Type: Other Regulatory Actions
Action Date: 3/4/1996
Received Issue Date: 3/4/1996
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500686&enforcement_id=6232610&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Notices
Action Date: 5/19/1993
Received Issue Date: 5/19/1993
Action: Notice of Responsibility - #39658
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 5/2/1992
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date: 3/6/1992
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 3/4/1996
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500686&enforcement_id=6232610

Document Type: Site Documents
Document Date: 3/4/1996
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: OTHER REPORT / DOCUMENT
Submitted:
Title: SCVWD ELECTRONIC FILES - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500686&document_id=5825514

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30 *1 of 1* | *ESE* | *0.18 / 961.27* | *73.64 / -2* | ***Ferriera Residence (Site 3)*** ***1456 El Camino Real Santa Clara CA*** | ***LOP SANTACLARA***

SCVWD ID: 07S1W03J03f
Closure Date: 3/4/1996
Link: http://lustop.sccgov.org/files/07S1W03J03f/

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31 *1 of 1* | *E* | *0.19 / 985.60* | *72.08 / -3* | ***MB TRANSMISSIONS*** ***1399 EL CAMINO REAL*** ***SANTA CLARA CA 95050*** | ***CUPA SANTACLARA***

Facility ID: FA0211503
GIS Latitude: 37.352779
GIS Longitude: -121.95207

Details

Record ID: PR0313988
PE: 2205
Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

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32 *1 of 4* | *WNW* | *0.19 / 988.39* | *70.40 / -5* | ***Chevron #9-7116*** ***1795 Scott Blvd Santa Clara CA*** | ***LOP SANTACLARA***

SCVWD ID: 07S1W03G01f
Closure Date: 5/16/2005
Link: http://lustop.sccgov.org/files/07S1W03G01f/

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32 *2 of 4* | *WNW* | *0.19 / 988.39* | *70.40 / -5* | ***CHEVRON #9-7116*** ***1795 SCOTT BLVD*** ***SANTA CLARA CA 95050*** | ***LUST***

Global ID: T0608500356
Status: COMPLETED - CASE CLOSED
County: SANTA CLARA
Latitude: 37.3554218810145

Status Date: 5/16/2005
Longitude: -121.959164142609
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 8/1/1986
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: YES
Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 76-80%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date : 5/16/2005
Action: Closure/No Further Action Letter

Action Type: RESPONSE
Date : 5/16/2005
Action: Correspondence

Action Type: RESPONSE
Date : 1/27/2005
Action: Well Destruction Report

Action Type: RESPONSE
Date : 11/17/2004
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 7/23/2004
Action: Soil and Water Investigation Workplan

Action Type: RESPONSE
Date : 4/23/2003
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 4/23/2003
Action: Monitoring Report - Semi-Annually

Action Type: RESPONSE
Date : 3/15/2002
Action: Other Report / Document

Action Type: RESPONSE
Date : 12/31/2001
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 12/19/2001
Action: Staff Letter - #23455

Action Type: ENFORCEMENT
Date : 11/21/2001

Action: Staff Letter - #23453

Action Type: RESPONSE
Date : 4/30/1999
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 4/23/1999
Action: Correspondence

Action Type: RESPONSE
Date : 10/30/1998
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 9/9/1998
Action: Staff Letter - #23449

Action Type: RESPONSE
Date : 3/16/1998
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 2/2/1998
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 12/19/1997
Action: Staff Letter - #23446

Action Type: RESPONSE
Date : 9/3/1997
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 7/28/1997
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 7/17/1997
Action: Staff Letter - #23443

Action Type: ENFORCEMENT
Date : 3/4/1997
Action: Staff Letter - #23441

Action Type: RESPONSE
Date : 3/1/1997
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 2/21/1997
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 11/19/1996
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 9/9/1996
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 7/18/1996
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 6/26/1996
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 6/26/1996
Action: Staff Letter - #23439

Action Type: ENFORCEMENT
Date : 2/23/1996
Action: Staff Letter - #23437

Action Type: RESPONSE
Date : 2/23/1996
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 11/28/1995
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 9/27/1995
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 6/2/1995
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 3/17/1995
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 12/8/1994
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 8/30/1994
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 5/16/1994
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 4/19/1994
Action: Verbal Communication

Action Type: RESPONSE
Date : 2/10/1994
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 12/7/1993
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 10/25/1993
Action: Other Report / Document

Action Type: RESPONSE
Date : 8/20/1993
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 7/8/1993
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 3/2/1993
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 11/24/1992
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 9/8/1992
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 6/8/1992
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 4/20/1992
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 1/13/1992
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 11/15/1991
Action: Other Report / Document

Action Type: RESPONSE
Date : 10/17/1991
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 6/27/1991
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 4/9/1991
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 1/2/1991
Action: Monitoring Report - Other

Action Type: RESPONSE
Date : 10/3/1990
Action: Monitoring Report - Other

Action Type: ENFORCEMENT
Date : 9/17/1990
Action: Notice of Responsibility - #39710

Action Type: RESPONSE
Date : 6/27/1990
Action: Monitoring Report - Other

Action Type: RESPONSE
Date : 4/5/1990
Action: Monitoring Report - Other

Action Type: RESPONSE
Date : 12/27/1989
Action: Monitoring Report - Other

Action Type: RESPONSE
Date : 10/6/1989
Action: Other Report / Document

Action Type: RESPONSE
Date : 9/14/1989
Action: Monitoring Report - Other

Action Type: RESPONSE

Date : 4/3/1989
Action: Tank Removal Report / UST Sampling Report

Action Type: REMEDIATION
Date : 10/31/1988
Action: Excavation

Action Type: RESPONSE
Date : 6/9/1988
Action: Correspondence

Action Type: Other
Date : 8/1/1986
Action: Leak Reported

Action Type: RESPONSE
Date : 8/2/1984
Action: Unauthorized Release Form

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 5/16/2005

Status: Open - Site Assessment
Status Date: 12/11/1987

Status: Open - Case Begin Date
Status Date: 8/1/1986

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: CHEVRON #9-7116
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig: D
CUF Amount Paid:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 1795 SCOTT BLVD
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim: 12728
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608500356
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 5/16/2005
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608500356&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:

Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03G01f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 5/16/2005

Status: Open - Site Assessment
Date : 12/11/1987

Status: Open - Case Begin Date
Date : 8/1/1986

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: EXCAVATION
Phase:
Contaminant Mass Removed:
Description:
Begin Date: 10/31/1988
End Date: 10/31/1988

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date: 5/16/2005
Received Issue Date: 5/16/2005
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&enforcement_id=6239667&temptable=ENFORCEMENT
Title Description Comments:

CLOSURE LETTER

Action Type: Response Requested - Other
Action Date: 5/16/2005
Received Issue Date: 5/16/2005
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5874832
Title Description Comments:

CORRESPONDENCE FILE FROM LUSTOP 11/9/2004 - 5/16/2005

Action Type: Other Regulatory Actions
Action Date: 5/16/2005
Received Issue Date: 5/16/2005
Action: Closure/No Further Action Letter
Doc Link:
Title Description Comments:

CLOSURE LETTER

Action Type: Response Requested - Reports
Action Date: 1/27/2005
Received Issue Date: 1/27/2005

Action: Well Destruction Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5874842
Title Description Comments:

WELL DESTRUCTION 5/5/2003 - 1/27/2005

Action Type: Response Requested - Reports
Action Date: 11/17/2004
Received Issue Date: 11/17/2004
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5874840
Title Description Comments:

GROUNDWATER ASSESSMENT REPORT 3/17/1988 - 11/17/2004

Action Type: Response Requested - Workplans
Action Date: 7/23/2004
Received Issue Date: 7/23/2004
Action: Soil and Water Investigation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5874844
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Reports
Action Date: 4/23/2003
Received Issue Date: 4/23/2003
Action: Monitoring Report - Semi-Annually
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835094
Title Description Comments:

GW Monitoring Report 1st Semi-Annual

Action Type: Response Requested - Reports
Action Date: 4/23/2003
Received Issue Date: 4/23/2003
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5884752
Title Description Comments:

QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003

Action Type: Response Requested - Other
Action Date: 3/15/2002
Received Issue Date: 3/15/2002
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5874836
Title Description Comments:

REQUEST FOR CLOSURE

Action Type: Response Requested - Reports
Action Date: 12/31/2001
Received Issue Date: 12/31/2001
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 12/19/2001
Received Issue Date: 12/19/2001

Action: Staff Letter - #23455
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 11/21/2001
Received Issue Date: 11/21/2001
Action: Staff Letter - #23453
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 4/30/1999
Received Issue Date: 10/4/1999
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Other
Action Date: 4/23/1999
Received Issue Date: 4/23/1999
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5874837
Title Description Comments:

STATE RELATED COORESPONDENCE FROM LUSTOP 11/18/1992 - 4/23/1999

Action Type: Response Requested - Reports
Action Date: 10/30/1998
Received Issue Date: 12/21/1998
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 9/9/1998
Received Issue Date: 9/9/1998
Action: Staff Letter - #23449
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 3/16/1998
Received Issue Date: 3/16/1998
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835574
Title Description Comments:

1st Quarter Groundwater Monitoring Report 1998

Action Type: Response Requested - Reports
Action Date: 2/2/1998
Received Issue Date: 4/15/1998
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 12/19/1997
Received Issue Date: 12/19/1997
Action: Staff Letter - #23446
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 9/3/1997
Received Issue Date: 9/3/1997
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835573
Title Description Comments:

3rd Quarter Groundwater Monitoring Report 1997

Action Type: Response Requested - Reports
Action Date: 7/28/1997
Received Issue Date: 7/28/1997
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 7/17/1997
Received Issue Date: 7/17/1997
Action: Staff Letter - #23443
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 3/4/1997
Received Issue Date: 3/4/1997
Action: Staff Letter - #23441
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 3/1/1997
Received Issue Date: 3/1/1997
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action Date: 2/21/1997
Received Issue Date: 2/21/1997
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835151
Title Description Comments:

GW Monitoring Report 1st Quarter 1997

Action Type: Response Requested - Reports
Action Date: 11/19/1996
Received Issue Date: 11/19/1996
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835150
Title Description Comments:

GW Monitoring Report 4th Quarter 1996

Action Type: Response Requested - Reports
Action Date: 9/9/1996
Received Issue Date: 9/9/1996
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835140
Title Description Comments:

GW Monitoring Report 3rd Quarter 1996

Action Type: Response Requested - Reports
Action Date: 7/18/1996
Received Issue Date: 7/18/1996
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 6/26/1996
Received Issue Date: 6/26/1996
Action: Staff Letter - #23439
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 6/26/1996
Received Issue Date: 6/26/1996
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835132
Title Description Comments:

GW Monitoring Report 2nd Quarter 1996

Action Type: Other Regulatory Actions
Action Date: 2/23/1996
Received Issue Date: 2/23/1996
Action: Staff Letter - #23437
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 2/23/1996
Received Issue Date: 2/23/1996
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835131
Title Description Comments:

GW Monitoring Report 1st Quarter 1996

Action Type: Response Requested - Reports
Action Date: 11/28/1995
Received Issue Date: 11/28/1995
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835130
Title Description Comments:

GW Monitoring Report 4th Quarter 1995

Action Type: Response Requested - Reports

Action Date: 9/27/1995
Received Issue Date: 9/27/1995
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835128
Title Description Comments:

GW Monitoring Report 3rd Quarter 1995

Action Type: Response Requested - Reports
Action Date: 6/2/1995
Received Issue Date: 6/2/1995
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835126
Title Description Comments:

GW Monitoring Report 2nd Quarter 1995

Action Type: Response Requested - Reports
Action Date: 3/17/1995
Received Issue Date: 3/17/1995
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835124
Title Description Comments:

GW Monitoring Report 1st Quarter 1995

Action Type: Response Requested - Reports
Action Date: 12/8/1994
Received Issue Date: 12/8/1994
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835120
Title Description Comments:

GW Monitoring Report 4th Quarter 1994

Action Type: Response Requested - Reports
Action Date: 8/30/1994
Received Issue Date: 8/30/1994
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835118
Title Description Comments:

GW Monitoring Report 3rd Quarter 1994

Action Type: Response Requested - Reports
Action Date: 5/16/1994
Received Issue Date: 5/16/1994
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835117
Title Description Comments:

GW Monitoring Report 2nd Quarter 1994

Action Type: Response Requested - Other
Action Date: 4/19/1994
Received Issue Date: 4/19/1994
Action: Verbal Communication
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5874835
Title Description Comments:

PHONE LOG FROM LUSTROP 11/9/1992 - 4/19/1994

Action Type: Response Requested - Reports

Action Date: 2/10/1994
Received Issue Date: 2/10/1994
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835116
Title Description Comments:

GW Monitoring Report 1st Quarter 1994

Action Type: Response Requested - Reports
Action Date: 12/7/1993
Received Issue Date: 12/7/1993
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835115
Title Description Comments:

GW Monitoring Report 4th Quarter 1993

Action Type: Response Requested - Other
Action Date: 10/25/1993
Received Issue Date: 10/25/1993
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5874865
Title Description Comments:

SITE SUMMARY REPORT 1/24/1997 - 10/25/1993

Action Type: Response Requested - Reports
Action Date: 8/20/1993
Received Issue Date: 8/20/1993
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835114
Title Description Comments:

GW Monitoring Report 3rd Quarter1993

Action Type: Response Requested - Reports
Action Date: 7/8/1993
Received Issue Date: 7/8/1993
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835112
Title Description Comments:

GW Monitoring Report 2nd Quarter 1993

Action Type: Response Requested - Reports
Action Date: 3/2/1993
Received Issue Date: 3/2/1993
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835111
Title Description Comments:

GW Monitoring Report 1st Quarter 1993

Action Type: Response Requested - Reports
Action Date: 11/24/1992
Received Issue Date: 11/24/1992
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835110
Title Description Comments:

GW Monitoring Report 4th Quarter 1992

Action Type: Response Requested - Reports

Action Date: 9/8/1992
Received Issue Date: 9/8/1992
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835109
Title Description Comments:

GW Monitoring Report 3rd Quarter 1992

Action Type: Response Requested - Reports
Action Date: 6/8/1992
Received Issue Date: 6/8/1992
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835108
Title Description Comments:

GW Monitoring Report 2nd Quarter 1992

Action Type: Response Requested - Reports
Action Date: 4/20/1992
Received Issue Date: 4/20/1992
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835107
Title Description Comments:

GW Monitoring Report 1st Quarter 1992

Action Type: Response Requested - Reports
Action Date: 1/13/1992
Received Issue Date: 1/13/1992
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835106
Title Description Comments:

GW Monitoring Report 4th Quarter 1991

Action Type: Response Requested - Other
Action Date: 11/15/1991
Received Issue Date: 11/15/1991
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5874834
Title Description Comments:

MISCELLANEOUS REPORT FROM LUSTOP 1/27/1988 - 11/15/1991

Action Type: Response Requested - Reports
Action Date: 10/17/1991
Received Issue Date: 10/17/1991
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835105
Title Description Comments:

GW Monitoring Report 3rd Quarter 1991

Action Type: Response Requested - Reports
Action Date: 6/27/1991
Received Issue Date: 6/27/1991
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835104
Title Description Comments:

GW Monitoring Report 2nd Quarter 1991

Action Type: Response Requested - Reports

Action Date: 4/9/1991
Received Issue Date: 4/9/1991
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835103
Title Description Comments:

GW Monitoring Report 1st Quarter 1991

Action Type: Response Requested - Reports
Action Date: 1/2/1991
Received Issue Date: 1/2/1991
Action: Monitoring Report - Other
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835101
Title Description Comments:

GW Monitoring Report

Action Type: Response Requested - Reports
Action Date: 10/3/1990
Received Issue Date: 10/3/1990
Action: Monitoring Report - Other
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835100
Title Description Comments:

GW Monitoring Report

Action Type: Notices
Action Date: 9/17/1990
Received Issue Date: 9/17/1990
Action: Notice of Responsibility - #39710
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 6/27/1990
Received Issue Date: 6/27/1990
Action: Monitoring Report - Other
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835099
Title Description Comments:

GW Montitoring Report

Action Type: Response Requested - Reports
Action Date: 4/5/1990
Received Issue Date: 4/5/1990
Action: Monitoring Report - Other
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835098
Title Description Comments:

GW Monitoring Report

Action Type: Response Requested - Reports
Action Date: 12/27/1989
Received Issue Date: 12/27/1989
Action: Monitoring Report - Other
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835096
Title Description Comments:

GW Monitoring Report

Action Type: Response Requested - Other
Action Date: 10/6/1989
Received Issue Date: 10/6/1989

Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5874833
Title Description Comments:

MAPS METROSCAN FROM LUSTOP

Action Type: Response Requested - Reports
Action Date: 9/14/1989
Received Issue Date: 9/14/1989
Action: Monitoring Report - Other
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835095
Title Description Comments:

GW Monitoring Report

Action Type: Response Requested - Reports
Action Date: 4/3/1989
Received Issue Date: 4/3/1989
Action: Tank Removal Report / UST Sampling Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5874841
Title Description Comments:

UST SAMPLING REPORT

Action Type: Response Requested - Other
Action Date: 6/9/1988
Received Issue Date: 6/9/1988
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5835092
Title Description Comments:

CORRESPONDENCE 06/09/88-12/10/04

Action Type: Response Requested - Other
Action Date: 8/2/1984
Received Issue Date: 8/2/1984
Action: Unauthorized Release Form
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500356&doc_id=5874838
Title Description Comments:

URF

Action Type: Leak Action
Action Date: 8/1/1986
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date: 10/31/1988
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 5/16/2005
Type: CORRESPONDENCE
Title: CORRESPONDENCE FILE FROM LUSTOP 11/9/2004 - 5/16/2005
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&document_id=5874832

Document Type: Site Documents
Document Date: 5/16/2005
Type: CLOSURE/NO FURTHER ACTION LETTER
Title: CLOSURE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&enforcement_id=6239667
Size :
Submitted By: JOANNA KINCAID (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 1/27/2005
Type: WELL DESTRUCTION REPORT
Title: WELL DESTRUCTION 5/5/2003 - 1/27/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&document_id=5874842
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 11/17/2004
Type: SOIL AND WATER INVESTIGATION REPORT
Title: GROUNDWATER ASSESSMENT REPORT 3/17/1988 - 11/17/2004
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&document_id=5874840
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 7/23/2004
Type: SOIL AND WATER INVESTIGATION WORKPLAN
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&document_id=5874844
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 4/23/2003
Type: MONITORING REPORT - QUARTERLY
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1992%2D09%2D08%2Epdf
Size : 696 KB
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 4/23/2003
Type: MONITORING REPORT - QUARTERLY
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F2003%2D04%2D23%2Epdf
Size : 878 KB
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 4/23/2003
Type: MONITORING REPORT - QUARTERLY
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F2002%2D06%2D04%2Epdf
Size : 1,056 KB
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 4/23/2003
Type: MONITORING REPORT - QUARTERLY
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1989%2D09%2D14%2Epdf
Size : 813 KB
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 4/23/2003
Type: MONITORING REPORT - QUARTERLY
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1999%2D09%2D14%2Epdf
Size : 821 KB
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 4/23/2003
Type: MONITORING REPORT - QUARTERLY
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1994%2D12%2D08%2Epdf
Size : 744 KB
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Monitoring Reports **Size :** 1,050 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR2%5F2003%2D04%2D23%2Epdf

Document Type: Monitoring Reports **Size :** 929 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1997%2D09%2D03%2Epdf

Document Type: Monitoring Reports **Size :** 860 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1993%2D03%2D02%2Epdf

Document Type: Monitoring Reports **Size :** 1,157 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1998%2D07%2D14%2Epdf

Document Type: Monitoring Reports **Size :** 627 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1992%2D06%2D08%2Epdf

Document Type: Monitoring Reports **Size :** 725 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1996%2D11%2D19%2Epdf

Document Type: Monitoring Reports **Size :** 960 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1992%2D04%2D20%2Epdf

Document Type: Monitoring Reports **Size :** 675 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1994%2D08%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 1,001 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F2002%2D09%2D25%2Epdf

Document Type: Monitoring Reports **Size :** 927 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1990%2D04%2D05%2Epdf

Document Type: Monitoring Reports **Size :** 713 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1994%2D02%2D10%2Epdf

Document Type: Monitoring Reports **Size :** 982 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F2004%2D03%2D23%2Epdf

Document Type: Monitoring Reports **Size :** 859 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1995%2D03%2D17%2Epdf

Document Type: Monitoring Reports **Size :** 822 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F2000%2D11%2D09%2Epdf

Document Type: Monitoring Reports **Size :** 1,050 KB
Document Date: 4/23/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8145839869/GWM%5FR2%5F2003%2D04%2D23%2Epdf

Document Type: Monitoring Reports **Size :** 820 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1990%2D06%2D27%2Epdf

Document Type: Monitoring Reports **Size :** 659 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1991%2D06%2D27%2Epdf

Document Type: Monitoring Reports **Size :** 936 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F2003%2D09%2D18%2Epdf

Document Type: Monitoring Reports **Size :** 614 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1994%2D05%2D16%2Epdf

Document Type: Monitoring Reports **Size :** 658 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1992%2D01%2D13%2Epdf

Document Type: Monitoring Reports **Size :** 838 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1989%2D12%2D27%2Epdf

Document Type: Monitoring Reports **Size :** 924 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F2000%2D03%2D27%2Epdf

Document Type: Monitoring Reports **Size :** 1,177 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1997%2D02%2D21%2Epdf

Document Type: Monitoring Reports **Size :** 789 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F2001%2D11%2D21%2Epdf

Document Type: Monitoring Reports **Size :** 874 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1991%2D04%2D09%2Epdf

Document Type: Monitoring Reports **Size :** 1,050 KB
Document Date: 4/23/2003 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Title: GW MONITORING REPORT 1ST SEMI-ANNUAL - GWM_R_2003-04-23 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1857958734/GWM%5FR2%5F2003%2D04%2D23%2Epdf

Document Type: Monitoring Reports **Size :** 987 KB
Document Date: 4/23/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9847752451/GWM%5FR%5F1999%2D05%2D28%2Epdf

Document Type: Monitoring Reports **Size :** 1,067 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1998%2D03%2D16%2Epdf

Document Type: Monitoring Reports **Size :** 540 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1993%2D12%2D07%2Epdf

Document Type: Monitoring Reports **Size :** 742 KB
Document Date: 4/23/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1995%2D11%2D28%2Epdf

Document Type: Monitoring Reports | **Size :** 716 KB
Document Date: 4/23/2003 | **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY | **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1996%2D09%2D09%2Epdf

Document Type: Monitoring Reports | **Size :** 443 KB
Document Date: 4/23/2003 | **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY | **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1993%2D08%2D20%2Epdf

Document Type: Monitoring Reports | **Size :** 653 KB
Document Date: 4/23/2003 | **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY | **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1991%2D10%2D17%2Epdf

Document Type: Monitoring Reports | **Size :** 423 KB
Document Date: 4/23/2003 | **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY | **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1993%2D07%2D08%2Epdf

Document Type: Monitoring Reports | **Size :** 751 KB
Document Date: 4/23/2003 | **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY | **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1990%2D10%2D03%2Epdf

Document Type: Monitoring Reports | **Size :** 682 KB
Document Date: 4/23/2003 | **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY | **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1991%2D01%2D02%2Epdf

Document Type: Monitoring Reports | **Size :** 959 KB
Document Date: 4/23/2003 | **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY | **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F2001%2D12%2D19%2Epdf

Document Type: Monitoring Reports | **Size :** 2,075 KB
Document Date: 4/23/2003 | **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY | **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1998%2D09%2D09%2Epdf

Document Type: Monitoring Reports | **Size :** 778 KB
Document Date: 4/23/2003 | **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY | **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 9/19/1989 - 4/23/2003 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5725997030/GWM%5FR%5F1992%2D11%2D24%2Epdf

Document Type: Site Documents | **Size :**
Document Date: 3/15/2002 | **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT | **Submitted:**
Title: REQUEST FOR CLOSURE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&document_id=5874836

Document Type: Site Documents
Document Date: 4/23/1999
Type: CORRESPONDENCE
Title: STATE RELATED COORESPONDENCE FROM LUSTOP 11/18/1992 - 4/23/1999
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&document_id=5874837
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 3/16/1998
Type: MONITORING REPORT - QUARTERLY
Title: 1ST QUARTER GROUNDWATER MONITORING REPORT 1998 - GWM_R_1998-03-16 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9304079949/GWM%5FR%5F1998%2D03%2D16%2Epdf
Size : 1,067 KB
Submitted By: JOANNA KINCAID (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 9/3/1997
Type: MONITORING REPORT - QUARTERLY
Title: 3RD QUARTER GROUNDWATER MONITORING REPORT 1997 - GWM_R_1997-09-03 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1311114251/GWM%5FR%5F1997%2D09%2D03%2Epdf
Size : 929 KB
Submitted By: JOANNA KINCAID (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 2/21/1997
Type: MONITORING REPORT - QUARTERLY
Title: GW MONITORING REPORT 1ST QUARTER 1997 - GWM_R_1997-02-21 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5570005655/GWM%5FR%5F1997%2D02%2D21%2Epdf
Size : 1,177 KB
Submitted By: JOANNA KINCAID (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 11/19/1996
Type: MONITORING REPORT - QUARTERLY
Title: GW MONITORING REPORT 4TH QUARTER 1996 - GWM_R_1996-11-19 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/7758069694/GWM%5FR%5F1996%2D11%2D19%2Epdf
Size : 725 KB
Submitted By: JOANNA KINCAID (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 9/9/1996
Type: MONITORING REPORT - QUARTERLY
Title: GW MONITORING REPORT 3RD QUARTER 1996 - GWM_R_1996-09-09
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3912168741/GWM%5FR%5F1996%2D09%2D09%2Epdf
Size : 716 KB
Submitted By: JOANNA KINCAID (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 6/26/1996
Type: MONITORING REPORT - QUARTERLY
Title: GW MONITORING REPORT 2ND QUARTER 1996 - GWM_R_1996-06-26 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6891070306/GWM%5FR%5F1996%2D06%2D26%2Epdf
Size : 831 KB
Submitted By: JOANNA KINCAID (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 2/23/1996
Type: MONITORING REPORT - QUARTERLY
Title: GW MONITORING REPORT 1ST QUARTER 1996 - GWM_R_1996-02-23 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2031524479/GWM%5FR%5F1996%2D02%2D23%2Epdf
Size : 838 KB
Submitted By: JOANNA KINCAID (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 11/28/1995
Type: MONITORING REPORT - QUARTERLY
Title: GW MONITORING REPORT 4TH QUARTER 1995 - GWM_R_1995-11-28 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2843295037/GWM%5FR%5F1995%2D11%2D28%2Epdf
Size : 742 KB
Submitted By: JOANNA KINCAID (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 9/27/1995
Type: MONITORING REPORT - QUARTERLY
Title: GW MONITORING REPORT 3RD QUARTER 1995 - GWM_R_1995-09-27 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6944257974/GWM%5FR%5F1995%
Size : 634 KB
Submitted By: JOANNA KINCAID (REGULATOR)
Submitted:

2D09%2D27%2Epdf

Document Type: Monitoring Reports **Size :** 664 KB
Document Date: 6/2/1995 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 2ND QUARTER 1995 - GWM_R_1995-06-02 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2498049676/GWM%5FR%5F1995%2D06%2D02%2Epdf

Document Type: Monitoring Reports **Size :** 859 KB
Document Date: 3/17/1995 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 1ST QUARTER 1995 - GWM_R_1995-03-17 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4475314080/GWM%5FR%5F1995%2D03%2D17%2Epdf

Document Type: Monitoring Reports **Size :** 744 KB
Document Date: 12/8/1994 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 4TH QUARTER 1994 - GWM_R_1994-12-08 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4349135458/GWM%5FR%5F1994%2D12%2D08%2Epdf

Document Type: Monitoring Reports **Size :** 675 KB
Document Date: 8/30/1994 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 3RD QUARTER 1994 - GWM_R_1994-08-30 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3573867619/GWM%5FR%5F1994%2D08%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 614 KB
Document Date: 5/16/1994 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 2ND QUARTER 1994 - GWM_R_1994-05-16 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5799757242/GWM%5FR%5F1994%2D05%2D16%2Epdf

Document Type: Site Documents **Size :**
Document Date: 4/19/1994 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: VERBAL COMMUNICATION **Submitted:**
Title: PHONE LOG FROM LUSTROP 11/9/1992 - 4/19/1994
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&document_id=5874835

Document Type: Monitoring Reports **Size :** 713 KB
Document Date: 2/10/1994 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 1ST QUARTER 1994 - GWM_R_1994-02-10 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9043136417/GWM%5FR%5F1994%2D02%2D10%2Epdf

Document Type: Monitoring Reports **Size :** 540 KB
Document Date: 12/7/1993 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 4TH QUARTER 1993 - GWM_R_1993-12-07 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4140507340/GWM%5FR%5F1993%2D12%2D07%2Epdf

Document Type: Site Documents **Size :**
Document Date: 10/25/1993 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: SITE SUMMARY REPORT 1/24/1997 - 10/25/1993
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&document_id=5874865

Document Type: Monitoring Reports **Size :** 443 KB
Document Date: 8/20/1993 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 3RD QUARTER1993 - GWM_R_1993-08-20 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6145689249/GWM%5FR%5F1993%2D08%2D20%2Epdf

Document Type: Monitoring Reports **Size :** 423 KB
Document Date: 7/8/1993 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 2ND QUARTER 1993 - GWM_R_1993-07-08 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1387647867/GWM%5FR%5F1993%2D07%2D08%2Epdf

Document Type: Monitoring Reports **Size :** 860 KB
Document Date: 3/2/1993 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 1ST QUARTER 1993 - GWM_R_1993-03-02 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6425428628/GWM%5FR%5F1993%2D03%2D02%2Epdf

Document Type: Monitoring Reports **Size :** 778 KB
Document Date: 11/24/1992 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 4TH QUARTER 1992 - GWM_R_1992-11-24 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6580281138/GWM%5FR%5F1992%2D11%2D24%2Epdf

Document Type: Monitoring Reports **Size :** 696 KB
Document Date: 9/8/1992 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 3RD QUARTER 1992 - GWM_R_1992-09-08 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1029846012/GWM%5FR%5F1992%2D09%2D08%2Epdf

Document Type: Monitoring Reports **Size :** 627 KB
Document Date: 6/8/1992 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 2ND QUARTER 1992 - GWM_R_1992-06-08 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1913009464/GWM%5FR%5F1992%2D06%2D08%2Epdf

Document Type: Monitoring Reports **Size :** 960 KB
Document Date: 4/20/1992 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 1ST QUARTER 1992 - GWM_R_1992-04-20 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2784774601/GWM%5FR%5F1992%2D04%2D20%2Epdf

Document Type: Monitoring Reports **Size :** 658 KB
Document Date: 1/13/1992 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 4TH QUARTER 1991 - GWM_R_1992-01-13 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3348707437/GWM%5FR%5F1992%2D01%2D13%2Epdf

Document Type: Site Documents **Size :**
Document Date: 11/15/1991 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: MISCELLANEOUS REPORT FROM LUSTOP 1/27/1988 - 11/15/1991
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&document_id=5874834

Document Type: Monitoring Reports **Size :** 653 KB
Document Date: 10/17/1991 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 3RD QUARTER 1991 - GWM_R_1991-10-17 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3394932627/GWM%5FR%5F1991%2D10%2D17%2Epdf

Document Type: Monitoring Reports **Size :** 659 KB
Document Date: 6/27/1991 **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 2ND QUARTER 1991 - GWM_R_1991-06-27 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6587339639/GWM%5FR%5F1991%2D06%2D27%2Epdf

Document Type: Monitoring Reports | **Size :** 874 KB
Document Date: 4/9/1991 | **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - QUARTERLY | **Submitted:**
Title: GW MONITORING REPORT 1ST QUARTER 1991 - GWM_R_1991-04-09 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9910507023/GWM%5FR%5F1991%2D04%2D09%2Epdf

Document Type: Monitoring Reports | **Size :** 682 KB
Document Date: 1/2/1991 | **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - OTHER | **Submitted:**
Title: GW MONITORING REPORT - GWM_R_1991-01-02 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3423354923/GWM%5FR%5F1991%2D01%2D02%2Epdf

Document Type: Monitoring Reports | **Size :** 751 KB
Document Date: 10/3/1990 | **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - OTHER | **Submitted:**
Title: GW MONITORING REPORT - GWM_R_1990-10-03 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5751142740/GWM%5FR%5F1990%2D10%2D03%2Epdf

Document Type: Monitoring Reports | **Size :** 820 KB
Document Date: 6/27/1990 | **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - OTHER | **Submitted:**
Title: GW MONTITORING REPORT - GWM_R_1990-06-27 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2358248651/GWM%5FR%5F1990%2D06%2D27%2Epdf

Document Type: Monitoring Reports | **Size :** 927 KB
Document Date: 4/5/1990 | **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - OTHER | **Submitted:**
Title: GW MONITORING REPORT - GWM_R_1990-04-05 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6639346063/GWM%5FR%5F1990%2D04%2D05%2Epdf

Document Type: Monitoring Reports | **Size :** 838 KB
Document Date: 12/27/1989 | **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - OTHER | **Submitted:**
Title: GW MONITORING REPORT - GWM_R_1989-12-27 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/8727064371/GWM%5FR%5F1989%2D12%2D27%2Epdf

Document Type: Site Documents | **Size :**
Document Date: 10/6/1989 | **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT | **Submitted:**
Title: MAPS METROSCAN FROM LUSTOP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&document_id=5874833

Document Type: Monitoring Reports | **Size :** 813 KB
Document Date: 9/14/1989 | **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: MONITORING REPORT - OTHER | **Submitted:**
Title: GW MONITORING REPORT - GWM_R_1989-09-14 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2845478892/GWM%5FR%5F1989%2D09%2D14%2Epdf

Document Type: Site Documents | **Size :**
Document Date: 4/3/1989 | **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: TANK REMOVAL REPORT / UST SAMPLING REPORT | **Submitted:**
Title: UST SAMPLING REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&document_id=5874841

Document Type: Site Documents | **Size :**
Document Date: 6/9/1988 | **Submitted By:** JOANNA KINCAID (REGULATOR)
Type: CORRESPONDENCE | **Submitted:**
Title: CORRESPONDENCE 06/09/88-12/10/04 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&document_id=5835092

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Site Documents
Document Date: 8/2/1984
Type: UNAUTHORIZED RELEASE FORM
Title: URF
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500356&document_id=5874838
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	3 of 4	WNW	0.19 / 988.39	70.40 / -5	97116 1795 SCOTT BLVD SANTA CLARA CA 95050	HHSS

County: Santa Clara
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002d085.pdf

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	4 of 4	WNW	0.19 / 988.39	70.40 / -5	97116 1795 SCOTT BLVD SANTA CLARA CA	HIST TANK

Owner Name: CHEVRON U.S.A. INC.
Owner Street: 575 MARKET
Owner City: SAN FRANCISCO
Owner State: CA
Owner Zip: 94105
No of Containers: 4
County: SANTA CLARA
Facility State: CA
Facility Zip: 95050

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
33	1 of 4	ESE	0.19 / 998.71	72.97 / -3	Kent's Auto Service (Site 4) 1430 El Camino Real Santa Clara CA	LOP SANTACLARA

SCVWD ID: 07S1W03H02f
Closure Date: 2/29/1996
Link: http://lustop.sccgov.org/files/07S1W03H02f/

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
33	2 of 4	ESE	0.19 / 998.71	72.97 / -3	KENT'S AUTO SERVICE (SITE 4) 1430 EL CAMINO REAL SANTA CLARA CA 95050	LUST

Global ID: T0608501633
Status: COMPLETED - CASE CLOSED
Status Date: 2/29/1996
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: SANTA CLARA
Latitude: 37.3524412118604
Longitude: -121.952045559883

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 1/1/1992
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: NO
Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 46-50%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date : 2/29/1996
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 2/29/1996
Action: Closure/No Further Action Letter

Action Type: ENFORCEMENT
Date : 12/12/1995
Action: Notice of Responsibility - #39655

Action Type: REMEDIATION
Date : 10/22/1992
Action: Excavation

Action Type: Other
Date : 1/1/1992
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 2/29/1996

Status: Open - Site Assessment
Status Date: 1/27/1992

Status: Open - Case Begin Date
Status Date: 1/1/1992

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: KENT'S AUTO SERVICE (SITE 4)
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 1430 EL CAMINO REAL
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608501633
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 2/29/1996
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608501633&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)

Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03H02f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 2/29/1996

Status: Open - Site Assessment
Date : 1/27/1992

Status: Open - Case Begin Date
Date : 1/1/1992

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: EXCAVATION
Phase:
Contaminant Mass Removed:
Description:
Begin Date: 10/22/1992
End Date: 6/9/1993

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date: 2/29/1996
Received Issue Date: 2/29/1996
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501633&enforcement_id=6232563&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 2/29/1996
Received Issue Date: 2/29/1996
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501633&doc_id=5825441
Title Description Comments:

SCVWD Electronic Files

Action Type: Notices
Action Date: 12/12/1995
Received Issue Date: 12/12/1995
Action: Notice of Responsibility - #39655
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date: 10/22/1992
Received Issue Date:

Action: Excavation
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 1/1/1992
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 2/29/1996
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501633&enforcement_id=6232563

Document Type: Site Documents
Document Date: 2/29/1996
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: OTHER REPORT / DOCUMENT
Submitted:
Title: SCVWD ELECTRONIC FILES - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501633&document_id=5825441

33	3 of 4	ESE	0.19 / 998.71	72.97 / -3	RENTA AN OLDE INC 1430 EL CAMINO REAL SANTA CLARA CA 95050	HHSS

County: Santa Clara
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000207af.pdf

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33	4 of 4	ESE	0.19 / 998.71	72.97 / -3	RENTA AN OLDE' INC. 1430 EL CAMINO REAL SANTA CLARA CA	HIST TANK

Owner Name: RENT AN OLDE' INC.
Owner Street: 1430 EL CAMINO REAL
Owner City: SANTA CLARA
Owner State: CA
Owner Zip: 95050
No of Containers: 4
County: SANTA CLARA
Facility State: CA
Facility Zip: 95050

34	1 of 1	WSW	0.20 / 1,035.26	78.20 / 3	O'REILLY AUTO PARTS #2913 2027 EL CAMINO REAL SANTA CLARA CA 95050	C&D DEBRIS RECY

County: SANTA CLARA

Activity Type: USED OIL COLLECTION
Phone No:

35	1 of 3	ESE	0.21 / 1,095.21	71.73 / -4	Hiep Auto Pro, LLC 1389 EL CAMINO REAL SANTA CLARA CA 95050	DELISTED HAZ

Siteid: 381209
Latitude: 37.352940
Longitude: -121.951750
Original Source: CHAZ

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Record Date:		30-MAY-2017				

35	2 of 3	ESE	0.21 / 1,095.21	71.73 / -4	THE BUGGY HOUSE OF SANTA CLARA 1389 EL CAMINO REAL SANTA CLARA CA 95050	EMISSIONS

1999 Criteria Data

Facility ID:	12290	**CERR Code:**	
Facility SIC Code:	3559	**TOGT:**	.067
CO:	43	**ROGT:**	.0268
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

1999 Toxic Data

Facility ID:	12290	**COID:**	SCL
Facility SIC Code:	3559	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2000 Criteria Data

Facility ID:	12290	**CERR Code:**	
Facility SIC Code:	3559	**TOGT:**	.067
CO:	43	**ROGT:**	.03
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	SCL	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2000 Toxic Data

Facility ID:	12290	**COID:**	SCL
Facility SIC Code:	3559	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

35	3 of 3	ESE	0.21 / 1,095.21	71.73 / -4	BUGGY HOUSE THE 1389 EL CAMINO REAL SANTA CLARA CA 95050	CUPA SANTACLARA

Facility ID:	FA0211500
GIS Latitude:	37.352933
GIS Longitude:	-121.951763

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
36	1 of 5	WSW	0.21 / 1,109.40	78.20 / 3	BP Oil #11226 2000 El Camino Real Santa Clara CA	LOP SANTACLARA

Details

Record ID: PR0314009
PE: 2205
Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

SCVWD ID: 07S1W03L01f
Closure Date: 3/22/2002
Link: http://lustop.sccgov.org/files/07S1W03L01f/

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
36	2 of 5	WSW	0.21 / 1,109.40	78.20 / 3	BP OIL #11226 2000 EL CAMINO REAL SANTA CLARA CA 95050	LUST

Global ID: T0608500933
Status: COMPLETED - CASE CLOSED
Status Date: 3/22/2002
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: SANTA CLARA
Latitude: 37.352131
Longitude: -121.958769

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 2/2/1993
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: YES
Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 21-25%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date : 4/20/2012
Action: Staff Letter

Action Type: RESPONSE
Date : 6/3/2005
Action: Other Report / Document

Action Type: RESPONSE
Date : 5/30/2003
Action: Well Destruction Report

Action Type: RESPONSE
Date : 1/19/1999
Action: Well Installation Report

Action Type: RESPONSE

Date : 9/21/1998
Action: Tank Removal Report / UST Sampling Report

Action Type: RESPONSE
Date : 9/8/1998
Action: Other Workplan

Action Type: RESPONSE
Date : 5/19/1994
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 11/11/1993
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 6/10/1993
Action: Notice of Responsibility - #39606

Action Type: Other
Date : 2/2/1993
Action: Leak Reported

Action Type: RESPONSE
Date : 1/28/1993
Action: Preliminary Site Assessment Report

Action Type: RESPONSE
Date : 1/1/1993
Action: Correspondence

Action Type: RESPONSE
Date : 9/10/1986
Action: Other Report / Document

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 3/22/2002

Status: Open - Site Assessment
Status Date: 2/2/1993

Status: Open - Case Begin Date
Status Date: 2/2/1993

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: BP OIL #11226
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 2000 EL CAMINO REAL
City: SANTA CLARA

WDR File: ***Zip:*** 95050
WDR Order: ***County:*** SANTA CLARA
CUF Priority Assig: D ***CUF Claim:*** 16543
CUF Amount Paid:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608500933
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 3/22/2002
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608500933&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03L01f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 3/22/2002

Status: Open - Case Begin Date
Date : 2/2/1993

Status: Open - Site Assessment
Date : 2/2/1993

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date: 4/20/2012
Received Issue Date: 4/20/2012
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500933&enforcement_id=6119563&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500933&doc_id=5927450
Title Description Comments:

State Information 06/03/2005

Action Type: Response Requested - Other
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500933&doc_id=5927449
Title Description Comments:

Phone Log 06/03/2005

Action Type: Response Requested - Reports
Action Date: 5/30/2003
Received Issue Date: 5/30/2003
Action: Well Destruction Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500933&doc_id=5927454
Title Description Comments:

Well Abandonment/Destruction 05/30/2003

Action Type: Response Requested - Reports
Action Date: 1/19/1999
Received Issue Date: 1/19/1999
Action: Well Installation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500933&doc_id=5927453
Title Description Comments:

Well Construction Application 01/19/1999

Action Type: Response Requested - Reports
Action Date: 9/21/1998
Received Issue Date: 9/21/1998
Action: Tank Removal Report / UST Sampling Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500933&doc_id=5927452
Title Description Comments:

Tank Removal Report 09/21/1998 - 04/05/1999

Action Type: Response Requested - Workplans
Action Date: 9/8/1998
Received Issue Date: 9/8/1998
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500933&doc_id=5927455
Title Description Comments:

Work Plan 09/08/1998

Action Type: Response Requested - Reports
Action Date: 5/19/1994
Received Issue Date: 5/19/1994
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500933&doc_id=5927447
Title Description Comments:

GW Monitoring Report 05/19/1994 - 03/02/1999

Action Type: Response Requested - Other
Action Date: 11/11/1993
Received Issue Date: 11/11/1993
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500933&doc_id=5927445
Title Description Comments:

Additional Information Report 11/11/1993

Action Type: Notices
Action Date: 6/10/1993
Received Issue Date: 6/10/1993
Action: Notice of Responsibility - #39606
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 1/28/1993
Received Issue Date: 1/28/1993
Action: Preliminary Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500933&doc_id=5927451
Title Description Comments:

Preliminary Site Assessment Report 01/28/1993 - 04/06/2012

Action Type: Response Requested - Other
Action Date: 1/1/1993
Received Issue Date: 1/1/1993
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500933&doc_id=5927446
Title Description Comments:

Correspondence 1993

Action Type: Response Requested - Other
Action Date: 9/10/1986
Received Issue Date: 9/10/1986
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500933&doc_id=5927448
Title Description Comments:

Miscellaneous Sample Results 09/10/1986

Action Type: Leak Action
Action Date: 2/2/1993
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents ***Size :***
Document Date: 4/20/2012 ***Submitted By:*** CHRIS WIDMANN (REGULATOR)
Type: STAFF LETTER ***Submitted:***
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500933&enforcement_id=6119563

Document Type: Site Documents ***Size :*** 411 KB
Document Date: 10/4/2007 ***Submitted By:*** CYNTHIA MANA-AY (REGULATOR)
Type: LETTER ***Submitted:***
Title: CLOSURE LETTER & SITE CLOSURE SUMMARY
Title Link: https://geotracker.waterboards.ca.gov/site_documents/3567432999/CLOS%5FL%5F2002%2D03%2D21%2Epdf

Document Type: Site Documents ***Size :***
Document Date: 6/3/2005 ***Submitted By:*** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: PHONE LOG 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500933&document_id=5927449

Document Type: Site Documents ***Size :***
Document Date: 6/3/2005 ***Submitted By:*** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: STATE INFORMATION 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500933&document_id=5927450

Document Type: Site Documents ***Size :***
Document Date: 5/30/2003 ***Submitted By:*** MICHAEL SCHUSTER (REGULATOR)
Type: WELL DESTRUCTION REPORT ***Submitted:***
Title: WELL ABANDONMENT/DESTRUCTION 05/30/2003

Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500933&document_id=5927454

Document Type: Site Documents **Size :**
Document Date: 1/19/1999 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: WELL INSTALLATION REPORT **Submitted:**
Title: WELL CONSTRUCTION APPLICATION 01/19/1999
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500933&document_id=5927453

Document Type: Site Documents **Size :**
Document Date: 9/21/1998 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: TANK REMOVAL REPORT / UST SAMPLING REPORT **Submitted:**
Title: TANK REMOVAL REPORT 09/21/1998 - 04/05/1999
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500933&document_id=5927452

Document Type: Site Documents **Size :**
Document Date: 9/8/1998 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORK PLAN 09/08/1998
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500933&document_id=5927455

Document Type: Monitoring Reports **Size :** 801 KB
Document Date: 5/19/1994 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 05/19/1994 - 03/02/1999 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5300705432/GWM%5FR%5F1994%2D11%2D18%2Epdf

Document Type: Monitoring Reports **Size :** 906 KB
Document Date: 5/19/1994 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 05/19/1994 - 03/02/1999 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5300705432/GWM%5FR%5F1996%2D02%2D16%2Epdf

Document Type: Monitoring Reports **Size :** 981 KB
Document Date: 5/19/1994 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 05/19/1994 - 03/02/1999 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5300705432/GWM%5FR%5F1996%2D04%2D09%2Epdf

Document Type: Monitoring Reports **Size :** 863 KB
Document Date: 5/19/1994 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 05/19/1994 - 03/02/1999 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5300705432/GWM%5FR%5F1995%2D12%2D05%2Epdf

Document Type: Monitoring Reports **Size :** 750 KB
Document Date: 5/19/1994 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 05/19/1994 - 03/02/1999 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5300705432/GWM%5FR%5F1995%2D04%2D19%2Epdf

Document Type: Monitoring Reports **Size :** 1,019 KB
Document Date: 5/19/1994 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 05/19/1994 - 03/02/1999 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5300705432/GWM%5FR%5F1999%2D03%2D02%2Epdf

Document Type: Monitoring Reports **Size :** 1,007 KB
Document Date: 5/19/1994 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 05/19/1994 - 03/02/1999 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5300705432/GWM%5FR%5F1996%2D07%2D17%2Epdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Monitoring Reports
Size : 968 KB
Document Date: 5/19/1994
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY
Submitted:
Title: GW MONITORING REPORT 05/19/1994 - 03/02/1999 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5300705432/GWM%5FR%5F1995%2D03%2D15%2Epdf

Document Type: Monitoring Reports
Size : 811 KB
Document Date: 5/19/1994
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY
Submitted:
Title: GW MONITORING REPORT 05/19/1994 - 03/02/1999 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5300705432/GWM%5FR%5F1995%2D08%2D23%2Epdf

Document Type: Monitoring Reports
Size : 937 KB
Document Date: 5/19/1994
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY
Submitted:
Title: GW MONITORING REPORT 05/19/1994 - 03/02/1999 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5300705432/GWM%5FR%5F1994%2D05%2D19%2Epdf

Document Type: Site Documents
Size :
Document Date: 11/11/1993
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT
Submitted:
Title: ADDITIONAL INFORMATION REPORT 11/11/1993
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500933&document_id=5927445

Document Type: Site Documents
Size :
Document Date: 1/28/1993
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Type: PRELIMINARY SITE ASSESSMENT REPORT
Submitted:
Title: PRELIMINARY SITE ASSESSMENT REPORT 01/28/1993 - 04/06/2012
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500933&document_id=5927451

Document Type: Site Documents
Size :
Document Date: 1/1/1993
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Type: CORRESPONDENCE
Submitted:
Title: CORRESPONDENCE 1993
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500933&document_id=5927446

Document Type: Site Documents
Size :
Document Date: 9/10/1986
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT
Submitted:
Title: MISCELLANEOUS SAMPLE RESULTS 09/10/1986
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500933&document_id=5927448

36	3 of 5	WSW	0.21 / 1,109.40	78.20 / 3	MOBIL SERVICE STATION 2000 EL CAMINO REAL SANTA CLARA CA	HIST TANK

Owner Name: MOBIL OIL CORPORATION
Owner Street: 612 SO. FLOWER STREET
Owner City: LOS ANGELES
Owner State: CA
Owner Zip: 90017
No of Containers: 4
County: SANTA CLARA
Facility State: CA
Facility Zip: 95051

36	4 of 5	WSW	0.21 / 1,109.40	78.20 / 3	SANTA CLARA BP SELF SERVE 2000 EL CAMINO REAL SANTA CLARA CA 95050	CUPA SANTACLARA

Facility ID: FA0211646
GIS Latitude: 37.352201
GIS Longitude: -121.959697

Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record ID: PR0313970
PE: 2205
Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

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36 **5 of 5** **WSW** **0.21 / 1,109.40** **78.20 / 3**

BP OIL COMPANY, SITE #11226
2000 EL CAMINO REAL
SANTA CLARA CA

UST SWEEPS

C C:	A43-010-91132	**D Filename:**	SITE03A
BOE:	44-000003	**Page No:**	84
Comp:	91132	**County:**	SANTA CLARA
Status:	ACTIVE	**State :**	CA
No of Tanks:	4	**Zip:**	95050
Jurisdict:	CITY OF SANTA CLARA	**Latitude:**	37.352265
Agency:	FIRE DEPARTMENT	**Longitude:**	-121.96109
Phone:		**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000003	**S Contain:**	
O Tank ID:	91132T003	**Stg:**	P
SWRCB No:	43-010-091132-000003	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:	09-25-89	**Content:**	LEADED
Capac:	10000	**ONA:**	MANOJ KUMAR
Tank Use:	M.V. FUEL	**D File Name:**	TANK3A

Tank Details

Tank ID:	000002	**S Contain:**	
O Tank ID:	91132TJ002	**Stg:**	P
SWRCB No:	43-010-091132-000002	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:	09-25-89	**Content:**	REG UNLEADED
Capac:	12000	**ONA:**	MANOJ KUMAR
Tank Use:	M.V. FUEL	**D File Name:**	TANK3A

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:	91132T001	**Stg:**	W
SWRCB No:	43-010-091132-000001	**Storage :**	
Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	09-25-89	**Content:**	WASTE OIL
Capac:	1000	**ONA:**	MANOJ KUMAR
Tank Use:	OIL	**D File Name:**	TANK3A

Tank Details

Tank ID:	000004	**S Contain:**	
O Tank ID:	91132T004	**Stg:**	P
SWRCB No:	43-010-091132-000004	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:	09-25-89	**Content:**	REG UNLEADED
Capac:	12000	**ONA:**	MANOJ KUMAR
Tank Use:	M.V. FUEL	**D File Name:**	TANK3A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
37	1 of 5	WSW	0.21 / 1,129.05	77.91 / 2	UNOCAL #6897 2025 EL CAMINO REAL SANTA CLARA CA 95050	LUST

Global ID: T0608501506
Status: COMPLETED - CASE CLOSED
Status Date: 6/27/2000
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download

County: SANTA CLARA
Latitude: 37.3526928036727
Longitude: -121.959958076477

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 3/4/1991
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: YES

Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 41-45%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date : 6/3/2005
Action: Other Report / Document

Action Type: RESPONSE
Date : 6/20/2003
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 3/21/2003
Action: Other Report / Document

Action Type: RESPONSE
Date : 2/27/2003
Action: Other Workplan

Action Type: RESPONSE
Date : 1/1/2002
Action: Correspondence

Action Type: RESPONSE
Date : 1/15/1998
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 7/15/1997
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 1/15/1997
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 7/15/1996
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 5/31/1996
Action: Staff Letter - #23418

Action Type: RESPONSE
Date : 1/15/1996
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 12/3/1994
Action: Staff Letter - #23416

Action Type: ENFORCEMENT
Date : 6/4/1991
Action: Notice of Responsibility - #39709

Action Type: Other
Date : 5/13/1991
Action: Leak Reported

Action Type: REMEDIATION
Date : 1/7/1991
Action: Excavation

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 6/27/2000

Status: Open - Site Assessment
Status Date: 8/16/1991

Status: Open - Case Begin Date
Status Date: 3/4/1991

Status: Open - Site Assessment
Status Date: 3/4/1991

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: UNOCAL #6897
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig: D
CUF Amount Paid:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 2025 EL CAMINO REAL
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim: 8072

Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608501506
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 6/27/2000
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608501506&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03F01f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 6/27/2000

Status: Open - Site Assessment
Date : 8/16/1991

Status: Open - Site Assessment
Date : 3/4/1991

Status: Open - Case Begin Date
Date : 3/4/1991

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: EXCAVATION
Phase:
Contaminant Mass Removed:
Description:
Begin Date: 1/7/1991
End Date: 6/27/2000

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Other
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501506&doc_id=5927419
Title Description Comments:

Microfiche Scans - See Read Me First - 06/03/2005

Action Type: Response Requested - Reports
Action Date: 6/20/2003
Received Issue Date: 6/20/2003
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501506&doc_id=5927422
Title Description Comments:

Soil & Water Investigation Report 06/20/2003

Action Type: Response Requested - Other

Action Date: 3/21/2003
Received Issue Date: 3/21/2003
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501506&doc_id=5927421
Title Description Comments:

Addendum 03/21/2003

Action Type: Response Requested - Workplans
Action Date: 2/27/2003
Received Issue Date: 2/27/2003
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501506&doc_id=5927423
Title Description Comments:

Work Plan 02/27/2003

Action Type: Response Requested - Other
Action Date: 1/1/2002
Received Issue Date: 1/1/2002
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501506&doc_id=5927420
Title Description Comments:

Correspondence 2002

Action Type: Response Requested - Reports
Action Date: 1/15/1998
Received Issue Date: 1/21/1998
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action Date: 7/15/1997
Received Issue Date: 7/11/1997
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action Date: 1/15/1997
Received Issue Date: 1/7/1997
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action Date: 7/15/1996
Received Issue Date: 7/22/1996
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions

Action Date: 5/31/1996
Received Issue Date: 5/31/1996
Action: Staff Letter - #23418
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 1/15/1996
Received Issue Date: 1/17/1995
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 12/3/1994
Received Issue Date: 12/3/1994
Action: Staff Letter - #23416
Doc Link:
Title Description Comments:

Action Type: Notices
Action Date: 6/4/1991
Received Issue Date: 6/4/1991
Action: Notice of Responsibility - #39709
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 5/13/1991
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date: 1/7/1991
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 10/9/2007
Type: LETTER
Title: CLOSURE LETTER & SITE CLOSURE SUMMARY
Title Link: https://geotracker.waterboards.ca.gov/site_documents/5921940445/CLOS%5FL%5F2000%2D06%2D27%2Epdf
Size : 456 KB
Submitted By: CYNTHIA MANA-AY (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 6/3/2005
Type: OTHER REPORT / DOCUMENT
Title: MICROFICHE SCANS - SEE READ ME FIRST - 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501506&document_id=5927419
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 6/20/2003
Type: SOIL AND WATER INVESTIGATION REPORT
Title: SOIL & WATER INVESTIGATION REPORT 06/20/2003
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501506&document_id=5927422
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 3/21/2003
Type: OTHER REPORT / DOCUMENT
Title: ADDENDUM 03/21/2003
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501506&document_id=5927421
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 2/27/2003
Type: OTHER WORKPLAN
Title: WORK PLAN 02/27/2003
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501506&document_id=5927423
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 1/1/2002
Type: CORRESPONDENCE
Title: CORRESPONDENCE 2002
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501506&document_id=5927420
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

37	2 of 5	WSW	0.21 / 1,129.05	77.91 / 2	PERFORMANCE PETROLEUM INC - 76 2025 EL CAMINO REAL SANTA CLARA CA 95050	EMISSIONS

2018 Criteria Data

Facility ID: 112589
Facility SIC Code: 5541
CO: 43
Air Basin: SF
District: BA
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .303336204
ROGT: .303336204
COT:
NOXT:
SOXT:
PMT:
PM10T:

2018 Toxic Data

Facility ID: 112589
Facility SIC Code: 5541
CO: 43
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2019 Criteria Data

CO: 43
Air Basin: SF
Facility ID: 112589
District: BA
Facility SIC Code: 5541
CO ID: SCL
DISN: BAY AREA AQMD
PM10T:
TOGT: .303336204
PMT:
CHAPIS:
CERR Code:
ROGT: .303336204
COT:
NOXT:
SOXT:

2019 Toxic Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
Faccility ID:	112589	**TS:**	
District:	BA	**Health Risk Asmt:**	
Facility SIC Code:	5541	**NonCncrChrnicHazInd :**	
COID:	SCL	**NonCncrActeHazInd:**	
DISN:	BAY AREA AQMD		

37 **3 of 5** **WSW** **0.21 / 1,129.05** **77.91 / 2**

BW Jackson,Inc.
2025 EL CAMINO REAL
SANTA CLARA CA 95050

CERS TANK

Site ID:	568771	**Latitude:**	37.352577
Longitude:	-121.960140		

Regulated Programs

EI ID: 10084750
EI Description: Chemical Storage Facilities

EI ID: 10084750
EI Description: Underground Storage Tank

Violations

Violation Date:	05/15/2014	**Violation Source:**	CERS
Violation Program:	UST	**Violation Division:**	Santa Clara City Fire Department
Citation:	HSC 6.7 29291(b) - California Health and Safety Code, Chapter 6.7, Section(s) 29291(b)		
Violation Notes:			

Violation Description:

Violations

Violation Date:	05/09/2019	**Violation Source:**	CERS
Violation Program:	UST	**Violation Division:**	Santa Clara City Fire Department
Citation:	23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)		
Violation Notes:			

Violation Description:

Violations

Violation Date:	01/14/2014	**Violation Source:**	CERS
Violation Program:	HMRRP	**Violation Division:**	Santa Clara City Fire Department
Citation:	HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)		
Violation Notes:			

Violation Description:

Violations

Violation Date:	11/12/2013	**Violation Source:**	CERS
Violation Program:	HMRRP	**Violation Division:**	Santa Clara City Fire Department
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)		
Violation Notes:			

Violation Description:

Violations

Violation Date: 05/25/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Violation Description:

Violations

Violation Date: 05/09/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Notes:

Violation Description:

Violations

Violation Date: 11/12/2013 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Notes:

Violation Description:

Violations

Violation Date: 05/30/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(2)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/30/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Notes:

Violation Description:

Violations

Violation Date: 05/30/2018 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/25/2017 ***Violation Source:*** CERS

Violation Program: HMRRP **Violation Division:** Santa Clara City Fire Department
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Violation Description:

Violations

Violation Date: 01/14/2014 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Santa Clara City Fire Department
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Notes:

Violation Description:

Violations

Violation Date: 05/09/2019 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Santa Clara City Fire Department
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Violation Description:

Violations

Violation Date: 05/09/2019 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Santa Clara City Fire Department
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/15/2014 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Santa Clara City Fire Department
Citation: HSC 6.7 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25286
Violation Notes:

Violation Description:

Violations

Violation Date: 05/15/2014 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Santa Clara City Fire Department
Citation: HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/15/2014 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Santa Clara City Fire Department
Citation: HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/09/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/30/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Notes:

Violation Description:

Violations

Violation Date: 01/14/2014 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
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 Notes:

Violation Description:

Violations

Violation Date: 05/30/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Notes:

Violation Description:

Violations

Violation Date: 11/12/2013 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Notes:

Violation Description:

Violations

Violation Date: 11/12/2013 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25510 - California Health and Safety Code, Chapter 6.95, Section(s) 25510
Violation Notes:

Violation Description:

Violations

Violation Date: 05/30/2018 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/09/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/09/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/30/2018 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/15/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Notes:

Violation Description:

Violations

Violation Date: 11/13/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Violation Description:

Violations

Violation Date: 05/09/2019 ***Violation Source:*** CERS

Violation Program: HMRRP **Violation Division:** Santa Clara City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/09/2019 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Santa Clara City Fire Department
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/09/2019 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Santa Clara City Fire Department
Citation: 23 CCR 16 2637(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(f)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/09/2019 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Santa Clara City Fire Department
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/15/2014 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Santa Clara City Fire Department
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Violation Description:

Violations

Violation Date: 05/25/2017 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Santa Clara City Fire Department
Citation: 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/30/2018 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Santa Clara City Fire Department
Citation: HSC 6.7 25291(b) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(b)
Violation Notes:

Violation Description:

Violations

Violation Date: 11/12/2013 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
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 Notes:

Violation Description:

Violations

Violation Date: 05/30/2018 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Violation Description:

Violations

Violation Date: 11/12/2013 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Notes:

Violation Description:

Violations

Violation Date: 05/09/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Notes:

Violation Description:

Violations

Violation Date: 05/30/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2641(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(i)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/15/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Notes:

Violation Description:

Violations

Violation Date: 05/25/2017 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Notes:

Violation Description:

Violations

Violation Date: 11/12/2013 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/09/2019 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Notes:

Violation Description:

Violations

Violation Date: 11/12/2013 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Notes:

Violation Description:

Violations

Violation Date: 11/12/2013 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 15 66265.33 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.33
Violation Notes:

Violation Description:

Violations

Violation Date: 11/12/2013 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/30/2018 ***Violation Source:*** CERS

Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Violation Description:

Violations

Violation Date: 11/12/2013 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25505(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(b)
Violation Notes:

Violation Description:

Violations

Violation Date: 11/12/2013 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Santa Clara City Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/09/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Notes:

Violation Description:

Violations

Violation Date: 05/30/2018 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Violation Description:

Violations

Violation Date: 05/30/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Notes:

Violation Description:

Violations

Violation Date: 06/01/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Notes:

Violation Description:

Violations

Violation Date: 05/30/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Santa Clara City Fire Department
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Notes:

Violation Description:

Evaluations

Eval Date: 06/06/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 05/09/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 07/06/2018
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 05/15/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 01/14/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 05/09/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection

Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 05/30/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 05/25/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 06/06/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 05/30/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 11/13/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 05/25/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 05/25/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection

Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 06/01/2020
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 12/21/2020
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 11/12/2013
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 05/09/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 11/13/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 01/14/2014
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 11/12/2013
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection

Eval Type: Routine done by local agency
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 2025 El Camino Real
City: Santa Clara
State: CA
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: BW Jackson, Inc.
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (408) 655-9374

Affil Type Desc: UST Property Owner Name
Entity Name: Hong Hai Wang
Entity Title:
Address: 10106 Linda Ann Place
City: Cupertino
State: CA
Country: United States
Zip Code: 95014
Phone: (408) 655-6822

Affil Type Desc: UST Tank Operator
Entity Name: Hong Wai Wang
Entity Title:
Address: 10106 Linda Ann Place
City: Cupertino
State: CA
Country: United States
Zip Code: 95014
Phone: (408) 655-6822

Affil Type Desc: UST Tank Owner
Entity Name: HONG HAI WANG
Entity Title:
Address: 10106 Linda Ann Place
City: Cupertino
State: CA
Country: United States
Zip Code: 95014
Phone: (408) 655-6822

Affil Type Desc: Legal Owner
Entity Name: HONG HAI WANG
Entity Title:
Address: 10106 Linda Ann Place
City: BW Jackson, Inc.
State: CA
Country: United States
Zip Code: 95050
Phone: (408) 655-9374

Affil Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title:
Address: 1675 Lincoln Street
City: Santa Clara
State: CA
Country:
Zip Code: 95050
Phone: (408) 615-4970

Affil Type Desc: Parent Corporation
Entity Name: BW Jackson, Inc.
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Identification Signer
Entity Name: Aneil Chand
Entity Title: UST Consultant
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: HONG HAI WANG
Entity Title:
Address: 2025 El Camino Real
City: Santa Clara
State: CA
Country:
Zip Code: 95050
Phone:

Affil Type Desc: Property Owner
Entity Name: Hong Hai Wang
Entity Title:
Address: 2025 El Camino Real
City: Santa Clara
State: CA
Country: United States
Zip Code: 95050
Phone: (408) 655-9374

Affil Type Desc: Document Preparer
Entity Name: Aneil Chand
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

37	*4 of 5*	*WSW*	*0.21 / 1,129.05*	*77.91 / 2*	***UNOCAL SS #6897*** ***2025 EL CAMINO REAL*** ***SANTA CLARA CA***	***UST SWEEPS***

C C: A43-010-91179
BOE: 44-001057
Comp: 91179
D Filename: SITE03A
Page No: 84
County: SANTA CLARA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status:	ACTIVE	**State :**	CA
No of Tanks:	2	**Zip:**	95050
Jurisdict:	CITY OF SANTA CLARA	**Latitude:**	37.352375
Agency:	FIRE DEPARTMENT	**Longitude:**	-121.961303
Phone:		**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000002	**S Contain:**	
O Tank ID:	6897-22	**Stg:**	P
SWRCB No:	43-010-091179-000002	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:	04-28-92	**Content:**	PRM UNLEADED
Capac:	12000	**ONA:**	MANOJ KUMAR
Tank Use:	M.V. FUEL	**D File Name:**	TANK3A

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:	6897-11	**Stg:**	P
SWRCB No:	43-010-091179-000001	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:	04-28-92	**Content:**	REG UNLEADED
Capac:	12000	**ONA:**	MANOJ KUMAR
Tank Use:	M.V. FUEL	**D File Name:**	TANK3A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
37	5 of 5	WSW	0.21 / 1,129.05	77.91 / 2	UNION OIL SS #6897 2025 EL CAMINO REAL SANTA CLARA CA	UST SWEEPS

C C:	I43-010-30726	**D Filename:**	NSITE6
BOE:	44-000051	**Page No:**	425
Comp:	30726	**County:**	SANTA CLARA
Status:	INACTIVE	**State :**	CA
No of Tanks:	3	**Zip:**	95050
Jurisdict:	CITY OF SANTA CLARA	**Latitude:**	37.352375
Agency:	FIRE DEPARTMENT	**Longitude:**	-121.961303
Phone:	(408) 296-8937	**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000002	**S Contain:**	NONE
O Tank ID:		**Stg:**	
SWRCB No:	43-010-030726-000002	**Storage :**	PRODUCT
Removed:	05-14-91	**Storag Type:**	PRODUCT
Installed:	01-01-83	**P Contain:**	BARE STEEL
A Date:		**Content:**	REG UNLEADED
Capac:	12000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	NTANK6

Tank Details

Tank ID:	000001	**S Contain:**	NONE
O Tank ID:		**Stg:**	
SWRCB No:	43-010-030726-000001	**Storage :**	PRODUCT
Removed:	05-14-91	**Storag Type:**	PRODUCT
Installed:	01-01-83	**P Contain:**	BARE STEEL
A Date:		**Content:**	REG UNLEADED
Capac:	12000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	NTANK6

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Details

Tank ID:	000003	***S Contain:***	NONE
O Tank ID:		***Stg:***	
SWRCB No:	43-010-030726-000003	***Storage :***	PRODUCT
Removed:	05-14-91	***Storag Type:***	PRODUCT
Installed:	01-01-83	***P Contain:***	BARE STEEL
A Date:		***Content:***	U
Capac:	12000	***ONA:***	
Tank Use:	OIL	***D File Name:***	NTANK6

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
38	1 of 1	E	0.22 / 1,156.41	71.41 / -4	CATALINA DEVELOPMENT 1375-1399 EL CAMINO REAL SANTA CLARA CA 95050	CLEANUP SITES

Global ID:	T10000011630	***Latitude:***	37.3531
Status:	OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION	***Longitude:***	-121.95208
Status Date:	5/14/2018	***County:***	SANTA CLARA
Site Facility Type:	CLEANUP PROGRAM SITE		
Data Source:	Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:		***Stop Method:***	
Local Case No:	2018-13s	***CUF Case:***	NO
Begin Date:	4/26/2018	***Case Worker:***	TLF
File Location:	All Files are on GeoTracker or in the Local Agency Database		
Lead Agency:	SANTA CLARA COUNTY LOP		
Local Agency:	SANTA CLARA COUNTY LOP		
Potential COC:			
Potential Media of Concern:	Other Groundwater (uses other than drinking water), Soil, Soil Vapor		
How Discovered:			
How Discovered Description:			
Stop Description:			
CalWater Watershed Name:	Santa Clara - Palo Alto (205.50)		
DWR GW Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)		
Disadvantaged Community:			
CalEnviroScreen Score:	41-45%		
Site History:			

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type:	RESPONSE
Date:	2019-06-28 00:00:00
Action:	Other Report / Document
Action Type:	ENFORCEMENT
Date:	2019-05-06 00:00:00
Action:	Staff Letter
Action Type:	ENFORCEMENT
Date:	2019-01-30 00:00:00
Action:	Staff Letter
Action Type:	RESPONSE
Date:	2018-12-31 00:00:00
Action:	Other Report / Document - Regulator Responded
Action Type:	ENFORCEMENT
Date:	2018-06-29 00:00:00
Action:	Staff Letter
Action Type:	RESPONSE
Date:	2018-06-27 00:00:00

Action: Other Workplan - Regulator Responded

Action Type: RESPONSE
Date: 2018-06-14 00:00:00
Action: Other Report / Document

Action Type: RESPONSE
Date: 2018-05-24 00:00:00
Action: Tank Removal Report / UST Sampling Report

Action Type: RESPONSE
Date: 2018-05-16 00:00:00
Action: Phase I Assessment Report

Action Type: RESPONSE
Date: 2018-05-16 00:00:00
Action: Site Assessment Report

Action Type: ENFORCEMENT
Date: 2018-05-14 00:00:00
Action: Staff Letter

Action Type: ENFORCEMENT
Date: 2018-05-11 00:00:00
Action: Cost Recovery Agreement / N. of Reimbursement

Action Type: RESPONSE
Date: 2018-04-26 00:00:00
Action: Other Report / Document

Action Type: ENFORCEMENT
Date: 2018-04-26 00:00:00
Action: Letter - Notice

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Assessment & Interim Remedial Action
Status Date: 2018-05-14 00:00:00

Status: Open - Case Begin Date
Status Date: 2018-04-26 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: TRAVIS L. FLORA
Phone No: 4089183486
Organization Name: SANTA CLARA COUNTY LOP
Email: travis.flora@cep.sccgov.org
Address: 1555 Berger Dr.
City: SAN JOSE

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000011630
Cleanup Status Detail: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION AS OF 5/14/2018
Potential COC: NONE SPECIFIED
Facility Type:
WDR Place Type:
Wdr File No:
Wdr Order No:

Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Groundwater Monitoring Frequen:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
CalWater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD) - CASE #: 2018-13s
CASEWORKER: TRAVIS L. FLORA
SAN FRANCISCO BAY RWQCB (REGION 2)
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000011630&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Other
Action Date: 6/28/2019
Received Issue Date:
Action: Other Report / Document
Doc Link:
Title Description Comments:

Project Status Report

Action Type: Other Regulatory Actions
Action Date: 5/6/2019
Received Issue Date: 5/6/2019
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011630&enforcement_id=6401203&temptable=ENFORCEMENT
Title Description Comments:

DEH requires project status report due to ongoing earthwork activities

Action Type: Other Regulatory Actions
Action Date: 1/30/2019
Received Issue Date: 1/30/2019
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011630&enforcement_id=6384148&temptable=ENFORCEMENT
Title Description Comments:

No Further Action Required

Action Type: Response Requested - Other
Action Date: 12/31/2018
Received Issue Date: 1/24/2019
Action: Other Report / Document - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011630&doc_id=5969508
Title Description Comments:

Earthwork Completion Report

Action Type: Other Regulatory Actions
Action Date: 6/29/2018
Received Issue Date: 6/29/2018
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011630&enforcement_id=6362720&temptable=ENFORCEMENT
Title Description Comments:

Conditional approval of SMP

Action Type: Response Requested - Workplans
Action Date: 6/27/2018
Received Issue Date: 6/27/2018
Action: Other Workplan - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011630&doc_id=5968733
Title Description Comments:

Soil Management Plan

Action Type: Response Requested - Other
Action Date: 6/14/2018
Received Issue Date: 6/14/2018
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011630&doc_id=5967566
Title Description Comments:

SCS Development - Additional Environmental Sampling Activities

Action Type: Response Requested - Reports
Action Date: 5/24/2018
Received Issue Date: 5/24/2018
Action: Tank Removal Report / UST Sampling Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011630&doc_id=5965855
Title Description Comments:

SCS Development - Hoist Removal and Interim Soil Remediation Activities

Action Type: Response Requested - Reports
Action Date: 5/16/2018
Received Issue Date: 5/16/2018
Action: Phase I Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011630&doc_id=5965312
Title Description Comments:

Phase I ESA - 1375 through 1399 El Camino Real, Santa Clara, CA

Action Type: Response Requested - Reports
Action Date: 5/16/2018
Received Issue Date: 5/16/2018
Action: Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011630&doc_id=5965313
Title Description Comments:

Phase II ESA - 1375 through 1399 El Camino Real, Santa Clara, CA

Action Type: Other Regulatory Actions
Action Date: 5/14/2018
Received Issue Date: 5/14/2018
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011630&enforcement_id=6357982&temptable=ENFORCEMENT
Title Description Comments:

VCP intro letter

Action Type: Agreements
Action Date: 5/11/2018
Received Issue Date: 5/11/2018
Action: Cost Recovery Agreement / N. of Reimbursement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011630&enforcement_id=6357809&temptable=ENFORCEMENT
Title Description Comments:

Remedial Action Agreement

Action Type: Notices
Action Date: 4/26/2018
Received Issue Date: 4/26/2018
Action: Letter - Notice
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011630&enforcement_id=6357808&temptable=ENFORCEMENT
Title Description Comments:

HSC 101480 Notice

Action Type: Response Requested - Other
Action Date: 4/26/2018
Received Issue Date: 4/26/2018
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011630&doc_id=5964553
Title Description Comments:

VCP Application (Request for Oversight)

Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents ***Submitted:***
Document Date: 5/6/2019 ***Submitted By:*** TRAVIS FLORA (REGULATOR)
Size :
Title: DEH REQUIRES PROJECT STATUS REPORT DUE TO ONGOING EARTHWORK ACTIVITIES
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011630&enforcement_id=6401203
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 1/30/2019 ***Submitted By:*** TRAVIS FLORA (REGULATOR)
Size :
Title: NO FURTHER ACTION REQUIRED
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011630&enforcement_id=6384148
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 1/24/2019 ***Submitted By:*** ROBERT CAMPBELL (AUTH_RP)
Size : 1,559 KB
Title: SUMMARY OF SOIL MANAGEMENT OBSERVATIONS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7356015145/T10000011630.PDF
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents ***Submitted:***
Document Date: 6/29/2018 ***Submitted By:*** TRAVIS FLORA (REGULATOR)
Size :
Title: CONDITIONAL APPROVAL OF SMP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011630&enforcement_id=6362720
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 6/25/2018 ***Submitted By:*** ROBERT CAMPBELL (AUTH_RP)
Size : 10,018 KB
Title: SOIL MANAGEMENT PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3369970917/T10000011630.PDF
Type: OTHER WORKPLAN

Document Type: Site Documents ***Submitted:***
Document Date: 6/14/2018 ***Submitted By:*** ROBERT CAMPBELL (AUTH_RP)
Size : 7,391 KB
Title: SCS DEVELOPMENT - ADDITIONAL ENVIRONMENTAL SAMPLING ACTIVITIES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6696405231/T10000011630.PDF
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents **Submitted:**
Document Date: 5/24/2018 **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 7,920 KB
Title: SCS DEVELOPMENT - HOIST REMOVAL AND INTERIM SOIL REMEDIATION ACTIVITIES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1926159799/T10000011630.PDF
Type: TANK REMOVAL REPORT / UST SAMPLING REPORT

Document Type: Site Documents **Submitted:**
Document Date: 5/16/2018 **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 16,368 KB
Title: PHASE II ESA - 1375 THROUGH 1399 EL CAMINO REAL, SANTA CLARA, CA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3461911141/T10000011630.PDF
Type: SITE ASSESSMENT REPORT

Document Type: Site Documents **Submitted:**
Document Date: 5/16/2018 **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 59,373 KB
Title: PHASE I ESA - 1375 THROUGH 1399 EL CAMINO REAL, SANTA CLARA, CA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2035336434/T10000011630.PDF
Type: PHASE I ASSESSMENT REPORT

Document Type: Site Documents **Submitted:**
Document Date: 5/14/2018 **Submitted By:** TRAVIS FLORA (REGULATOR)
Size :
Title: VCP INTRO LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011630&enforcement_id=6357982
Type: STAFF LETTER

Document Type: Site Documents **Submitted:**
Document Date: 5/11/2018 **Submitted By:** AARON COSTA (REGULATOR)
Size :
Title: REMEDIAL ACTION AGREEMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011630&enforcement_id=6357809
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT

Document Type: Site Documents **Submitted:**
Document Date: 4/26/2018 **Submitted By:** AARON COSTA (REGULATOR)
Size :
Title: VCP APPLICATION (REQUEST FOR OVERSIGHT)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011630&document_id=5964553
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents **Submitted:**
Document Date: 4/26/2018 **Submitted By:** AARON COSTA (REGULATOR)
Size :
Title: HSC 101480 NOTICE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011630&enforcement_id=6357808
Type: LETTER - NOTICE

Sites from GeoTracker Search - Site Maps (as of May 29, 2021)

Title: B-3 BORING LOG (B3) **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 190 KB **Submitted:** 2/12/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5539007365/T10000011630.PDF

Title: BORING LOG B-1 (PAGE 2) (B1-2) **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 175 KB **Submitted:** 2/12/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4408959448/T10000011630.PDF

Title: B10-SG7 BORING LOG (B10-SG7) **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 192 KB **Submitted:** 2/12/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7451623022/T10000011630.PDF

Title: B6-SG3 (B6-SG3) **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 199 KB **Submitted:** 2/12/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4616354823/T10000011630.PDF

Title: B-4 BORING LOG (B4) **Submitted By:** ROBERT CAMPBELL (AUTH_RP)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Size : 190 KB **Submitted:** 2/12/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3498022258/T10000011630.PDF

Title: B-5 BORING LOG (B5) **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 192 KB **Submitted:** 2/12/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8741116464/T10000011630.PDF

Title: B8-SG5 BORING LOG (B8-SG5) **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 201 KB **Submitted:** 2/12/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4021783649/T10000011630.PDF

Title: B9-SG6 BORING LOG (B9-SG6) **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 206 KB **Submitted:** 2/12/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8558676362/T10000011630.PDF

Title: BORING LOG B-1 (B1) **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 159 KB **Submitted:** 2/12/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8359726190/T10000011630.PDF

Title: B7-SG4 (B7-SG4) **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 186 KB **Submitted:** 2/12/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4817047357/T10000011630.PDF

Title: B-2 BORING LOG (B2) **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 194 KB **Submitted:** 2/12/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7939361810/T10000011630.PDF

Title: GEO_MAP **Submitted By:** ROBERT CAMPBELL (AUTH_RP)
Size : 436 KB **Submitted:** 1/29/2019
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/8481894373/T10000011630.PDF

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Open - Assessment & Interim Remedial Action
Date: 5/14/2018

Status: Open - Case Begin Date
Date: 4/26/2018

39	1 of 1	E	0.22 / 1,179.30	71.72 / -4	MUSTANG RANCH 1375 EL CAMINO REAL SANTA CLARA CA 95050	CUPA SANTACLARA

Facility ID: FA0205766
GIS Latitude: 37.352979
GIS Longitude: -121.951629

Details

Record ID: PR0313249
PE: 2205
Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

40	1 of 1	WSW	0.23 / 1,234.55	77.77 / 2	TARGET STORE T2830 2004 EL CAMINO REAL SANTA CLARA CA 95050	EMISSIONS

2015 Criteria Data

Facility ID: 22266 **CERR Code:**
Facility SIC Code: 5311 **TOGT:** .002816006
CO: 43 **ROGT:** .00007398

Air Basin:	SF	**COT:**	.00006341
District:	BA	**NOXT:**	.00000331
COID:	SCL	**SOXT:**	.000002283
DISN:	BAY AREA AQMD	**PMT:**	.000040176
CHAPIS:		**PM10T:**	.000040176

2015 Toxic Data

Facility ID:	22266	**COID:**	SCL
Facility SIC Code:	5311	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Facility ID:	22266	**CERR CODE:**	
Facility SIC Code:	5311	**TOGT:**	.002816006
CO:	43	**ROGT:**	.0002621701586
Air Basin:	SF	**COT:**	.00006341
District:	BA	**NOXT:**	.00000331
COID:	SCL	**SOXT:**	.000002283
DISN:	BAY AREA AQMD	**PMT:**	.000040176
CHAPIS:		**PM10T:**	.000040176

2016 Toxic Data

Facility ID:	22266	**TS:**	
Facility SIC Code:	5311	**HRA:**	
CERR CODE:		**CH Index:**	
COID:	SCL	**AH Index:**	
CO:	43	**Air Basin:**	SF
DISN:	BAY AREA AQMD	**District:**	BA
CHAPIS:			

2017 Criteria Data

Facility ID:	22266	**CERR Code:**	
Facility SIC Code:	5311	**TOGT:**	.003832998
CO:	43	**ROGT:**	.0003568521138
Air Basin:	SF	**COT:**	.00008631
District:	BA	**NOXT:**	.000004505
COID:	SCL	**SOXT:**	.000003108
DISN:	BAY AREA AQMD	**PMT:**	.000054686
CHAPIS:		**PM10T:**	.000054686

2017 Toxic Data

Facility ID:	22266	**COID:**	SCL
Facility SIC Code:	5311	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2018 Criteria Data

Facility ID:	22266	***CERR Code:***	
Facility SIC Code:	5311	***TOGT:***	.003835542
CO:	43	***ROGT:***	.0003570889602
Air Basin:	SF	***COT:***	.000086368
District:	BA	***NOXT:***	.000004508
COID:	SCL	***SOXT:***	.00000311
DISN:	BAY AREA AQMD	***PMT:***	.000054722
CHAPIS:		***PM10T:***	.000054722

2018 Toxic Data

Facility ID:	22266	***COID:***	SCL
Facility SIC Code:	5311	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2019 Criteria Data

CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
Facility ID:	22266	***ROGT:***	.0002914796213
District:	BA	***COT:***	.000070499
Facility SIC Code:	5311	***NOXT:***	.00000368
CO ID:	SCL	***SOXT:***	.000002538
DISN:	BAY AREA AQMD		
PM10T:	.000044668		
TOGT:	.003130823		
PMT:	.000044668		

2019 Toxic Data

CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
Faccility ID:	22266	***TS:***	
District:	BA	***Health Risk Asmt:***	
Facility SIC Code:	5311	***NonCncrChrnicHazInd :***	
COID:	SCL	***NonCncrActeHazInd:***	
DISN:	BAY AREA AQMD		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
41	*1 of 2*	*WSW*	*0.24 / 1,280.78*	*77.25 / 2*	***MERVYN'S LLC*** ***2010 EL CAMINO REAL*** ***SANTA CLARA CA 95050***	***EMISSIONS***

2005 Criteria Data

Facility ID:	16593	***CERR Code:***	
Facility SIC Code:	4911	***TOGT:***	.001
CO:	43	***ROGT:***	.0008367
Air Basin:	SF	***COT:***	.001
District:	BA	***NOXT:***	.004
COID:	SCL	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	0
CHAPIS:		***PM10T:***	0

2005 Toxic Data

Facility ID:	16593	***COID:***	SCL
Facility SIC Code:	4911	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2006 Criteria Data

Facility ID:	16593	***CERR Code:***	
Facility SIC Code:	4911	***TOGT:***	.001
CO:	43	***ROGT:***	.0008367
Air Basin:	SF	***COT:***	.001
District:	BA	***NOXT:***	.004
COID:	SCL	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	0
CHAPIS:		***PM10T:***	0

2006 Toxic Data

Facility ID:	16593	***COID:***	SCL
Facility SIC Code:	4911	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2007 Criteria Data

Facility ID:	16593	***CERR Code:***	
Facility SIC Code:	4911	***TOGT:***	.001
CO:	43	***ROGT:***	.0008367
Air Basin:	SF	***COT:***	.001
District:	BA	***NOXT:***	.004
COID:	SCL	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	0
CHAPIS:		***PM10T:***	0

2007 Toxic Data

Facility ID:	16593	***COID:***	SCL
Facility SIC Code:	4911	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2008 Criteria Data

Facility ID:	16593	***CERR Code:***	
Facility SIC Code:	4911	***TOGT:***	.001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CO:	43	**ROGT:**	.0008367
Air Basin:	SF	**COT:**	.001
District:	BA	**NOXT:**	.004
COID:	SCL	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2008 Toxic Data

Facility ID:	16593	**COID:**	SCL
Facility SIC Code:	4911	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
41	2 of 2	WSW	0.24 / 1,280.78	77.25 / 2	TARGET CORPORATION - MERVYN'S 2010 EL CAMINO REAL SANTA CLARA CA 95050	EMISSIONS

2003 Criteria Data

Facility ID:	13338	**CERR Code:**	
Facility SIC Code:	5311	**TOGT:**	.003
CO:	43	**ROGT:**	0
Air Basin:	SF	**COT:**	.001
District:	BA	**NOXT:**	.007
COID:	SCL	**SOXT:**	.001
DISN:	BAY AREA AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2003 Toxic Data

Facility ID:	13338	**COID:**	SCL
Facility SIC Code:	5311	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2004 Criteria Data

Facility ID:	13338	**CERR Code:**	
Facility SIC Code:	5311	**TOGT:**	.003
CO:	43	**ROGT:**	.0025101
Air Basin:	SF	**COT:**	.001
District:	BA	**NOXT:**	.007
COID:	SCL	**SOXT:**	.001
DISN:	BAY AREA AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2004 Toxic Data

Facility ID:	13338	**COID:**	SCL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility SIC Code:	5311	**DISN:**	BAY AREA AQMD
CO:	43	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

42	1 of 5	E	0.24 / 1,280.90	71.23 / -4	CITY OF SAN CARLOS 1325 EL CAMINO REAL SAN CARLOS CA 94070	LUST

Global ID:	T0608100995	**County:**	SAN MATEO
Status:	COMPLETED - CASE CLOSED	**Latitude:**	37.4984792
Status Date:	4/28/2000	**Longitude:**	-122.2497472
Case Type:	LUST CLEANUP SITE		
Date Source:	LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:	41-1084	**Potential COC:**	Gasoline
Local Case No:	770045	**How Discovered:**	Other Means
Begin Date:	10/5/1993	**Stop Method:**	Other Means
Lead Agency:	SAN MATEO COUNTY LOP	**Stop Description:**	
Local Agency:		**Case Worker:**	
CUF Case:	NO	**File Location:**	Local Agency
Potential Media of Concern:	Other Groundwater (uses other than drinking water)		
How Discovered Description:			
Calwater Watershed Name:	South Bay - San Mateo Bayside (204.40)		
DWR GW Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)		
Disadvantaged Community:			
Calenviroscreen Score:	16-20%		
Site History:			

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type:	ENFORCEMENT
Date :	2/10/1994
Action:	Notice of Responsibility - #1
Action Type:	Other
Date :	10/5/1993
Action:	Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker	**Address:**	1515 CLAY ST SUITE 1400
Contact Name:	Regional Water Board	**Email:**	
City:	OAKLAND	**Phone No:**	
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Completed - Case Closed
Status Date:	4/28/2000
Status:	Open - Case Begin Date
Status Date:	10/5/1993

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	CITY OF SAN CARLOS	***Potential COC:***	GASOLINE
Site Facility Type:	LUST CLEANUP SITE	***Facility Type:***	
Cleanup Status:	COMPLETED - CASE CLOSED	***Composting Method:***	
Project Status:		***Address:***	1325 EL CAMINO REAL
WDR Place Type:		***City:***	SAN CARLOS
WDR File:		***Zip:***	94070
WDR Order:		***County:***	SAN MATEO
CUF Priority Assig:		***CUF Claim:***	
CUF Amount Paid:			

File Location: LOCAL AGENCY
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608100995
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 4/28/2000
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608100995&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - San Mateo Plain (2-009.03)
Calwater Watershed Name: South Bay - San Mateo Bayside (204.40)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN MATEO COUNTY LOP (LEAD) - CASE #: 770045
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 41-1084
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 4/28/2000

Status: Open - Case Begin Date
Date : 10/5/1993

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type:	UNKNOWN	***Begin Date:***	1/1/1965
Phase:		***End Date:***	1/1/1965
Contaminant Mass Removed:			
Description:			

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Notices
Action Date: 2/10/1994
Received Issue Date: 2/10/1994
Action: Notice of Responsibility - #1
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 10/5/1993
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
42	2 of 5	E	0.24 / 1,280.90	71.23 / -4	INSTA-LUBE 1325 EL CAMINO REAL SAN CARLOS CA	UST SWEEPS

C C:	A41-000-2523	**D Filename:**	SITE14A
BOE:		**Page No:**	171
Comp:	2523	**County:**	SAN MATEO
Status:	ACTIVE	**State :**	CA
No of Tanks:		**Zip:**	94070
Jurisdict:	SAN MATEO COUNTY	**Latitude:**	37.498399
Agency:	ENVIRONMENTAL HEALTH	**Longitude:**	-122.249794
Phone:		**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:	#1	**Stg:**	W
SWRCB No:	41-000-002523-000001	**Storage :**	
Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	07-01-85	**Content:**	WASTE OIL
Capac:	500	**ONA:**	
Tank Use:	OIL	**D File Name:**	TANK14A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
42	3 of 5	E	0.24 / 1,280.90	71.23 / -4	BRITTAN/ HOWARD GRADE SEPARATION PROJ. 1325 EL CAMINO REAL SAN CARLOS CA	UST SWEEPS

C C:	I41-000-770068	**D Filename:**	NSITE4
BOE:		**Page No:**	376
Comp:	770068	**County:**	SAN MATEO
Status:	INACTIVE	**State :**	CA
No of Tanks:	1	**Zip:**	94070
Jurisdict:	SAN MATEO COUNTY	**Latitude:**	37.498399
Agency:	ENVIRONMENTAL HEALTH	**Longitude:**	-122.249794
Phone:	(510) 593-8011	**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000001	**S Contain:**	NONE
O Tank ID:		**Stg:**	
SWRCB No:	41-000-770068-000001	**Storage :**	PRODUCT
Removed:	08-25-93	**Storag Type:**	PRODUCT
Installed:	01-01-01	**P Contain:**	BARE STEEL
A Date:		**Content:**	REG UNLEADED
Capac:	500	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	NTANK4

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
42	4 of 5	E	0.24 / 1,280.90	71.23 / -4	BRITTAN/HOWARD GRADE SEPARATION PROJ 1325 EL CAMINO REAL SAN CARLOS CA	UST SWEEPS

C C:	A41-000-770068	**D Filename:**	SITE14A
BOE:		**Page No:**	171
Comp:	770068	**County:**	SAN MATEO
Status:	ACTIVE	**State :**	CA
No of Tanks:		**Zip:**	94070
Jurisdict:	SAN MATEO COUNTY	**Latitude:**	37.498399
Agency:	ENVIRONMENTAL HEALTH	**Longitude:**	-122.249794
Phone:		**Georesult:**	S5HPNTSCZA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
42	5 of 5	E	0.24 / 1,280.90	71.23 / -4	INSTA-LUBE 1325 EL CAMINO REAL SAN CARLOS CA	UST SWEEPS

C C:	A41-020-2523	**D Filename:**	SITE03A
BOE:		**Page No:**	5
Comp:	2523	**County:**	SAN MATEO
Status:	ACTIVE	**State :**	CA
No of Tanks:	1	**Zip:**	94070
Jurisdict:	CITY OF SAN CARLOS	**Latitude:**	37.498399
Agency:	SO. COUNTY FIRE AUTHORITY	**Longitude:**	-122.249794
Phone:	(415) 591-5405	**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:	#1	**Stg:**	W
SWRCB No:	41-020-002523-000001	**Storage :**	
Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	02-29-88	**Content:**	
Capac:	500	**ONA:**	AMIT KUMAR
Tank Use:	OIL	**D File Name:**	TANK3A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
43	1 of 3	E	0.25 / 1,316.73	71.56 / -4	SAN CARLOS AUTO REPAIR, FORMER 1301 EL CAMINO REAL SAN CARLOS CA 94070	LUST

Global ID:	T0608100277	**County:**	SAN MATEO
Status:	COMPLETED - CASE CLOSED	**Latitude:**	37.4987411
Status Date:	3/28/2002	**Longitude:**	-122.2500404
Case Type:	LUST CLEANUP SITE		
Date Source:	LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:	41-0291	**Potential COC:**	Gasoline
Local Case No:	770034	**How Discovered:**	Other Means
Begin Date:	3/31/1992	**Stop Method:**	Other Means
Lead Agency:	SAN MATEO COUNTY LOP	**Stop Description:**	
Local Agency:		**Case Worker:**	
CUF Case:	YES	**File Location:**	Local Agency
Potential Media of Concern:	Other Groundwater (uses other than drinking water)		
How Discovered Description:			
Calwater Watershed Name:	South Bay - San Mateo Bayside (204.40)		
DWR GW Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)		
Disadvantaged Community:			
Calenviroscreen Score:	16-20%		
Site History:			

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type:	REMEDIATION
Date :	9/15/1993
Action:	Excavation
Action Type:	Other
Date :	6/5/1992
Action:	Leak Discovery
Action Type:	ENFORCEMENT

Date : 4/13/1992
Action: Notice of Responsibility - #1

Action Type: Other
Date : 3/31/1992
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 3/28/2002

Status: Open - Case Begin Date
Status Date: 3/31/1992

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: SAN CARLOS AUTO REPAIR, FORMER
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig: B
CUF Amount Paid: $47,941
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 1301 EL CAMINO REAL
City: SAN CARLOS
Zip: 94070
County: SAN MATEO
CUF Claim: 6959
File Location: LOCAL AGENCY
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608100277
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 3/28/2002
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608100277&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - San Mateo Plain (2-009.03)
Calwater Watershed Name: South Bay - San Mateo Bayside (204.40)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN MATEO COUNTY LOP (LEAD) - CASE #: 770034
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 41-0291
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 3/28/2002

Status: Open - Case Begin Date
Date : 3/31/1992

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: EXCAVATION
Begin Date: 9/15/1993
Phase:
End Date: 1/1/1965
Contaminant Mass Removed:
Description:

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Notices
Action Date: 4/13/1992
Received Issue Date: 4/13/1992
Action: Notice of Responsibility - #1
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date: 9/15/1993
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 6/5/1992
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 3/31/1992
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

43	2 of 3	E	0.25 / 1,316.73	71.56 / -4	AUTO REPAIR SHOP 1301 EL CAMINO REAL SAN CARLOS CA	UST SWEEPS

C C: A41-000-770056
BOE:
Comp: 770056
Status: ACTIVE
No of Tanks:
Jurisdict: SAN MATEO COUNTY
Agency: ENVIRONMENTAL HEALTH
Phone:
D Filename: SITE14A
Page No: 171
County: SAN MATEO
State : CA
Zip: 94070
Latitude: 37.498717
Longitude: -122.25008
Georesult: S5HPNTSCZA

43	3 of 3	E	0.25 / 1,316.73	71.56 / -4	AUTO REPAIR SHOP 1301 EL CAMINO REAL SAN CARLOS CA	UST SWEEPS

C C: I41-000-770056
BOE:
Comp: 770056
Status: INACTIVE
No of Tanks: 3
Jurisdict: SAN MATEO COUNTY
Agency: ENVIRONMENTAL HEALTH
Phone: (209) 383-0720
D Filename: NSITE4
Page No: 376
County: SAN MATEO
State : CA
Zip: 94070
Latitude: 37.498717
Longitude: -122.25008
Georesult: S5HPNTSCZA

Tank Details

Tank ID:	000001	***S Contain:***	NONE
O Tank ID:		***Stg:***	
SWRCB No:	41-000-770056-000001	***Storage :***	PRODUCT
Removed:	01-01-01	***Storag Type:***	PRODUCT
Installed:	01-01-01	***P Contain:***	BARE STEEL
A Date:		***Content:***	REG UNLEADED
Capac:	4000	***ONA:***	
Tank Use:	M.V. FUEL	***D File Name:***	NTANK4

Tank Details

Tank ID:	000002	***S Contain:***	NONE
O Tank ID:		***Stg:***	
SWRCB No:	41-000-770056-000002	***Storage :***	PRODUCT
Removed:	01-01-01	***Storag Type:***	PRODUCT
Installed:	01-01-01	***P Contain:***	BARE STEEL
A Date:		***Content:***	REG UNLEADED
Capac:	6000	***ONA:***	
Tank Use:	M.V. FUEL	***D File Name:***	NTANK4

Tank Details

Tank ID:	000003	***S Contain:***	NONE
O Tank ID:		***Stg:***	
SWRCB No:	41-000-770056-000003	***Storage :***	PRODUCT
Removed:	01-01-01	***Storag Type:***	PRODUCT
Installed:	01-01-01	***P Contain:***	BARE STEEL
A Date:		***Content:***	REG UNLEADED
Capac:	4000	***ONA:***	
Tank Use:	M.V. FUEL	***D File Name:***	NTANK4

---

44 ***1 of 1*** ***WSW*** ***0.26 / 1,359.39*** ***76.94 / 1*** ***WALGREEN CO.***
2012 EL CAMINO REAL
SANTA CLARA CA 95050
DELISTED HAZ

Siteid:	84073
Latitude:	37.352233
Longitude:	-121.961250
Original Source:	CHAZ
Record Date:	30-MAY-2017

---

45 ***1 of 1*** ***WSW*** ***0.27 / 1,422.25*** ***76.15 / 1*** ***NEXCYCLE/ALBERTSONS #7125***
2060 EL CAMINO REAL
SANTA CLARA CA 95050
RECYCLING

Cert ID:	RC10784	***Wednesday:***	
Operation:	06/13/01	***Thursday H:***	
Rural:		***Friday Hou:***	
Organization:		***Saturday H:***	
Aluminium:		***Sunday Hou:***	
Glass:		***Mailing Ad:***	
Plastic:		***Mailing Ci:***	
Bimetal:		***Mailing St:***	
Agency:		***Mailing Zi:***	
Grand Fath:		***Phone No:***	(909) 796-2210
Cert Status:	DECERTIFIED	***Website:***	
Operatione:	10/12/06	***Email:***	
Monday Hou:		***Hours of Ope:***	
Tuesday Ho:		***County:***	SANTA CLARA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
46	1 of 2	E	0.27 / 1,438.80	70.87 / -5	Allied Management Services 1295 El Camino Real Santa Clara CA	LOP SANTACLARA

SCVWD ID: 07S1W03H01f
Closure Date: 3/26/2004
Link: http://lustop.sccgov.org/files/07S1W03H01f/

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
46	2 of 2	E	0.27 / 1,438.80	70.87 / -5	ALLIED MANAGEMENT SERVICES 1295 EL CAMINO REAL SANTA CLARA CA 95050	LUST

Global ID: T0608500121
Status: COMPLETED - CASE CLOSED
Status Date: 3/26/2004
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: SANTA CLARA
Latitude: 37.3522
Longitude: -121.995536

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 6/28/1985
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: YES
Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score:
Site History:

There is a deed restriction on this property with a Site Management Plan.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date : 3/26/2004
Action: Closure/No Further Action Letter

Action Type: RESPONSE
Date : 3/15/2004
Action: Other Report / Document

Action Type: RESPONSE
Date : 12/1/2003
Action: Well Destruction Report

Action Type: RESPONSE
Date : 11/12/2003
Action: Other Report / Document

Action Type: RESPONSE
Date : 8/15/2003
Action: Correspondence

Action Type: RESPONSE
Date : 5/8/2003

Action: CAP/RAP - Other Report

Action Type: RESPONSE
Date : 12/13/2002
Action: Correspondence

Action Type: RESPONSE
Date : 10/15/2002
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 9/16/2002
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 8/30/2002
Action: Corrective Action Plan / Remedial Action Plan

Action Type: ENFORCEMENT
Date : 7/30/2002
Action: Staff Letter - #38339

Action Type: RESPONSE
Date : 5/15/2002
Action: Verbal Communication

Action Type: RESPONSE
Date : 4/9/2002
Action: Correspondence

Action Type: RESPONSE
Date : 2/28/2002
Action: Other Report / Document

Action Type: RESPONSE
Date : 11/20/2001
Action: Correspondence

Action Type: RESPONSE
Date : 10/30/2001
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 10/26/2001
Action: Staff Letter - #23200

Action Type: RESPONSE
Date : 4/26/2001
Action: Corrective Action Plan / Remedial Action Plan

Action Type: ENFORCEMENT
Date : 2/28/2001
Action: Staff Letter - #23197

Action Type: RESPONSE
Date : 2/16/2001
Action: Other Workplan

Action Type: REMEDIATION
Date : 1/1/2001
Action: Excavation

Action Type: RESPONSE
Date : 12/28/2000
Action: Soil and Water Investigation Report

Action Type: ENFORCEMENT
Date : 11/6/2000
Action: Staff Letter - #23193

Action Type: RESPONSE
Date : 10/15/2000
Action: Soil and Water Investigation Workplan

Action Type: RESPONSE
Date : 10/15/2000
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 10/13/2000
Action: Other Workplan

Action Type: ENFORCEMENT
Date : 9/12/2000
Action: Staff Letter - #23191

Action Type: ENFORCEMENT
Date : 8/31/2000
Action: Staff Letter - #23189

Action Type: RESPONSE
Date : 6/15/2000
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 5/2/2000
Action: Staff Letter - #23186

Action Type: RESPONSE
Date : 9/30/1998
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 6/25/1998
Action: Staff Letter - #23177

Action Type: RESPONSE
Date : 5/28/1998
Action: Other Report / Document

Action Type: RESPONSE
Date : 1/23/1998
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 11/21/1997
Action: Other Workplan

Action Type: RESPONSE
Date : 11/17/1997
Action: Other Workplan

Action Type: RESPONSE
Date : 7/28/1997
Action: Preliminary Site Assessment Report

Action Type: RESPONSE
Date : 1/21/1997
Action: Other Report / Document

Action Type: RESPONSE
Date : 12/20/1996
Action: Soil and Water Investigation Workplan

Action Type: RESPONSE
Date : 12/3/1996
Action: Other Workplan

Action Type: RESPONSE
Date : 7/1/1996
Action: Soil and Water Investigation Workplan

Action Type: ENFORCEMENT
Date : 4/3/1996
Action: Staff Letter - #23170

Action Type: RESPONSE
Date : 7/11/1995
Action: Other Workplan

Action Type: RESPONSE
Date : 12/15/1994
Action: Remedial Progress Report

Action Type: RESPONSE
Date : 5/27/1994
Action: Remedial Progress Report

Action Type: RESPONSE
Date : 5/1/1994
Action: Corrective Action Plan / Remedial Action Plan

Action Type: ENFORCEMENT
Date : 3/1/1994
Action: Staff Letter - #23162

Action Type: ENFORCEMENT
Date : 6/19/1989
Action: Notice of Responsibility - #39654

Action Type: Other
Date : 7/26/1985
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 3/26/2004

Status: Open - Remediation
Status Date: 6/16/2003

Status: Open - Site Assessment
Status Date: 11/6/2000

Status: Open - Case Begin Date
Status Date: 6/28/1985

Status: Open - Site Assessment
Status Date: 6/28/1985

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	ALLIED MANAGEMENT SERVICES	***Potential COC:***	GASOLINE
Site Facility Type:	LUST CLEANUP SITE	***Facility Type:***	
Cleanup Status:	COMPLETED - CASE CLOSED	***Composting Method:***	
Project Status:		***Address:***	1295 EL CAMINO REAL
WDR Place Type:		***City:***	SANTA CLARA
WDR File:		***Zip:***	95050
WDR Order:		***County:***	SANTA CLARA
CUF Priority Assig:	C	***CUF Claim:***	8735
CUF Amount Paid:	$53,861		

File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608500121
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 3/26/2004
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608500121&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03H01f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

There is a deed restriction on this property with a Site Management Plan.

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 3/26/2004

Status: Open - Remediation
Date : 6/16/2003

Status: Open - Site Assessment
Date : 11/6/2000

Status: Open - Site Assessment
Date : 6/28/1985

Status: Open - Case Begin Date
Date : 6/28/1985

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type:	EXCAVATION	***Begin Date:***	1/1/2001
Phase:		***End Date:***	3/1/2001
Contaminant Mass Removed:			
Description:			

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date: 3/26/2004
Received Issue Date: 3/26/2004

Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&enforcement_id=6272273&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 3/15/2004
Received Issue Date: 3/15/2004
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874239
Title Description Comments:

MISCELLANEOUS REPORT FROM LUSTOP 9/18/1995 - 3/15/2004

Action Type: Response Requested - Reports
Action Date: 12/1/2003
Received Issue Date: 12/1/2003
Action: Well Destruction Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874229
Title Description Comments:

WELL DESTRUCTION

Action Type: Response Requested - Other
Action Date: 11/12/2003
Received Issue Date: 11/12/2003
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874247
Title Description Comments:

ADDENDUM FROM LUSTOP 3/7/2002 - 11/12/2003

Action Type: Response Requested - Other
Action Date: 8/15/2003
Received Issue Date: 8/15/2003
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874254
Title Description Comments:

CORRESPONDENCE FILE FROM LUSTOP 1/6/2003 - 8/15/2003

Action Type: Response Requested - Reports
Action Date: 5/8/2003
Received Issue Date: 5/8/2003
Action: CAP/RAP - Other Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874249
Title Description Comments:

CORRECTIVE ACTION PLAN 3/18/1998 - 5/8/2003

Action Type: Response Requested - Other
Action Date: 12/13/2002
Received Issue Date: 12/13/2002
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874253
Title Description Comments:

CORRESPONDENCE FILE FROM LUSTOP 3/25/2002 - 12/13/2002

Action Type: Response Requested - Reports
Action Date: 10/15/2002
Received Issue Date: 10/15/2002
Action: Monitoring Report - Quarterly

Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5884778
Title Description Comments:

QUARTERLY GROUNDWATER REPORT 5/27/1994 - 10/15/2002

Action Type: Response Requested - Reports
Action Date: 9/16/2002
Received Issue Date: 10/15/2002
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Workplans
Action Date: 8/30/2002
Received Issue Date: 5/8/2003
Action: Corrective Action Plan / Remedial Action Plan
Doc Link:
Title Description Comments:

Corrective Action Plan / Remedial Action Plan

Action Type: Other Regulatory Actions
Action Date: 7/30/2002
Received Issue Date: 7/30/2002
Action: Staff Letter - #38339
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 5/15/2002
Received Issue Date: 5/15/2002
Action: Verbal Communication
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874236
Title Description Comments:

PHONE LOG FROM LUSTROP 7/14/1992 - 5/15/2002

Action Type: Response Requested - Other
Action Date: 4/9/2002
Received Issue Date: 4/9/2002
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874232
Title Description Comments:

STATE RELATED COORESPONDENCE FROM LUSTOP 3/9/1993 - 4/9/2002

Action Type: Response Requested - Other
Action Date: 2/28/2002
Received Issue Date: 2/28/2002
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874246
Title Description Comments:

ADDITIONAL INFORMATION

Action Type: Response Requested - Other
Action Date: 11/20/2001
Received Issue Date: 11/20/2001
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874250
Title Description Comments:

CORRESPONDENCE FILE FROM LUSTOP 10/9/1984 - 11/20/2001

Action Type: Response Requested - Reports
Action Date: 10/30/2001
Received Issue Date: 10/30/2001
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 10/26/2001
Received Issue Date: 10/26/2001
Action: Staff Letter - #23200
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 4/26/2001
Received Issue Date: 10/9/2001
Action: Corrective Action Plan / Remedial Action Plan
Doc Link:
Title Description Comments:

Corrective Action Plan / Remedial Action Plan

Action Type: Other Regulatory Actions
Action Date: 2/28/2001
Received Issue Date: 2/28/2001
Action: Staff Letter - #23197
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 2/16/2001
Received Issue Date: 2/16/2001
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5884765
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Reports
Action Date: 12/28/2000
Received Issue Date: 1/1/2001
Action: Soil and Water Investigation Report
Doc Link:
Title Description Comments:

Soil and Water Investigation Report

Action Type: Other Regulatory Actions
Action Date: 11/6/2000
Received Issue Date: 11/6/2000
Action: Staff Letter - #23193
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 10/15/2000
Received Issue Date: 11/20/2000

Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Workplans
Action Date: 10/15/2000
Received Issue Date: 10/23/2000
Action: Soil and Water Investigation Workplan
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan

Action Type: Response Requested - Workplans
Action Date: 10/13/2000
Received Issue Date: 10/13/2000
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5884766
Title Description Comments:

WORKPLAN

Action Type: Other Regulatory Actions
Action Date: 9/12/2000
Received Issue Date: 9/12/2000
Action: Staff Letter - #23191
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 8/31/2000
Received Issue Date: 8/31/2000
Action: Staff Letter - #23189
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 5/2/2000
Received Issue Date: 5/2/2000
Action: Staff Letter - #23186
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 6/25/1998
Received Issue Date: 6/25/1998
Action: Staff Letter - #23177
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 5/28/1998
Received Issue Date: 5/28/1998
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874243
Title Description Comments:

MAPS METROSCAN FROM LUSTOP

Action Type: Response Requested - Other

Action Date: 5/28/1998
Received Issue Date: 5/28/1998
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874240
Title Description Comments:

MAPS METROSCAN FROM LUSTOP

Action Type: Response Requested - Reports
Action Date: 1/23/1998
Received Issue Date: 1/23/1998
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874231
Title Description Comments:

GROUNDWATER ASSESSMENT REPORT 12/18/1995 - 1/23/1998

Action Type: Response Requested - Workplans
Action Date: 11/21/1997
Received Issue Date: 11/21/1997
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5884767
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Workplans
Action Date: 11/17/1997
Received Issue Date: 11/17/1997
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5884769
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Reports
Action Date: 7/28/1997
Received Issue Date: 7/28/1997
Action: Preliminary Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874235
Title Description Comments:

PRELIMINARY SITE ASSESSMENT REPORT

Action Type: Response Requested - Other
Action Date: 1/21/1997
Received Issue Date: 1/21/1997
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874237
Title Description Comments:

//MISCELLANEOUS SAMPLE RESULTS FROM LUSTOP 4/11/1985 - 1/21/1997

Action Type: Response Requested - Workplans
Action Date: 12/20/1996
Received Issue Date: 12/20/1996
Action: Soil and Water Investigation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5884770
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Workplans

Action Date: 12/3/1996
Received Issue Date: 12/3/1996
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5884771
Title Description Comments:

WORKPLAN

Action Type: Other Regulatory Actions
Action Date: 4/3/1996
Received Issue Date: 4/3/1996
Action: Staff Letter - #23170
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 7/11/1995
Received Issue Date: 7/11/1995
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5884772
Title Description Comments:

WORKPLAN

Action Type: Response Requested - Reports
Action Date: 12/15/1994
Received Issue Date: 12/15/1994
Action: Remedial Progress Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5874234
Title Description Comments:

REMEDIAL REPORT

Action Type: Response Requested - Reports
Action Date: 5/27/1994
Received Issue Date: 5/31/1994
Action: Remedial Progress Report
Doc Link:
Title Description Comments:

Remedial Progress Report

Action Type: Response Requested - Workplans
Action Date: 5/1/1994
Received Issue Date: 5/1/1994
Action: Corrective Action Plan / Remedial Action Plan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500121&doc_id=5884777
Title Description Comments:

WORKPLAN

Action Type: Other Regulatory Actions
Action Date: 3/1/1994
Received Issue Date: 3/1/1994
Action: Staff Letter - #23162
Doc Link:
Title Description Comments:

Action Type: Notices
Action Date: 6/19/1989
Received Issue Date: 6/19/1989
Action: Notice of Responsibility - #39654
Doc Link:

Title Description Comments:

Action Type: Cleanup Action
Action Date: 1/1/2001
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 6/15/2000
Received Issue Date:
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action Date: 9/30/1998
Received Issue Date:
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Workplans
Action Date: 7/1/1996
Received Issue Date:
Action: Soil and Water Investigation Workplan
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan

Action Type: Leak Action
Action Date: 7/26/1985
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents ***Size :***
Document Date: 3/26/2004 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&enforcement_id=6272273

Document Type: Site Documents ***Size :***
Document Date: 3/15/2004 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: MISCELLANEOUS REPORT FROM LUSTOP 9/18/1995 - 3/15/2004
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874239

Document Type: Site Documents ***Size :***
Document Date: 12/1/2003 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: WELL DESTRUCTION REPORT ***Submitted:***
Title: WELL DESTRUCTION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874229

Document Type: Site Documents **Size :**
Document Date: 11/12/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: ADDENDUM FROM LUSTOP 3/7/2002 - 11/12/2003
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874247

Document Type: Site Documents **Size :**
Document Date: 8/15/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: CORRESPONDENCE FILE FROM LUSTOP 1/6/2003 - 8/15/2003
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874254

Document Type: Site Documents **Size :**
Document Date: 5/8/2003 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: CAP/RAP - OTHER REPORT **Submitted:**
Title: CORRECTIVE ACTION PLAN 3/18/1998 - 5/8/2003
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874249

Document Type: Site Documents **Size :**
Document Date: 12/13/2002 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: CORRESPONDENCE FILE FROM LUSTOP 3/25/2002 - 12/13/2002
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874253

Document Type: Monitoring Reports **Size :** 442 KB
Document Date: 10/15/2002 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 5/27/1994 - 10/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3283022820/GWM%5FR%5F1997%2D10%2D06%2Epdf

Document Type: Monitoring Reports **Size :** 1,986 KB
Document Date: 10/15/2002 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 5/27/1994 - 10/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3283022820/GWM%5FR%5F2002%2D10%2D15%2Epdf

Document Type: Monitoring Reports **Size :** 2,081 KB
Document Date: 10/15/2002 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 5/27/1994 - 10/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3283022820/GWM%5FR%5F2001%2D10%2D26%2Epdf

Document Type: Monitoring Reports **Size :** 439 KB
Document Date: 10/15/2002 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 5/27/1994 - 10/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3283022820/GWM%5FR%5F1994%2D05%2D27%2Epdf

Document Type: Monitoring Reports **Size :** 3,195 KB
Document Date: 10/15/2002 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 5/27/1994 - 10/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3283022820/GWM%5FR%5F2000%2D08%2D29%2Epdf

Document Type: Monitoring Reports **Size :** 4,226 KB
Document Date: 10/15/2002 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY GROUNDWATER REPORT 5/27/1994 - 10/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3283022820/GWM%5FR%5F2000%2D01%2D22%2Epdf

Document Type: Monitoring Reports **Size :** 3,178 KB
Document Date: 10/15/2002 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**

Title: QUARTERLY GROUNDWATER REPORT 5/27/1994 - 10/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3283022820/GWM%5FR%5F2000%2D11%2D14%2Epdf

Document Type: Monitoring Reports ***Size :*** 468 KB
Document Date: 10/15/2002 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 5/27/1994 - 10/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3283022820/GWM%5FR%5F1994%2D08%2D22%2Epdf

Document Type: Monitoring Reports ***Size :*** 1,973 KB
Document Date: 10/15/2002 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY GROUNDWATER REPORT 5/27/1994 - 10/15/2002 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3283022820/GWM%5FR%5F2001%2D04%2D25%2Epdf

Document Type: Site Documents ***Size :***
Document Date: 5/15/2002 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: VERBAL COMMUNICATION ***Submitted:***
Title: PHONE LOG FROM LUSTROP 7/14/1992 - 5/15/2002
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874236

Document Type: Site Documents ***Size :***
Document Date: 4/9/2002 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: CORRESPONDENCE ***Submitted:***
Title: STATE RELATED COORESPONDENCE FROM LUSTOP 3/9/1993 - 4/9/2002
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874232

Document Type: Site Documents ***Size :***
Document Date: 2/28/2002 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: ADDITIONAL INFORMATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874246

Document Type: Site Documents ***Size :***
Document Date: 11/20/2001 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: CORRESPONDENCE ***Submitted:***
Title: CORRESPONDENCE FILE FROM LUSTOP 10/9/1984 - 11/20/2001
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874250

Document Type: Site Documents ***Size :***
Document Date: 2/16/2001 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN ***Submitted:***
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5884765

Document Type: Site Documents ***Size :***
Document Date: 10/13/2000 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN ***Submitted:***
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5884766

Document Type: Site Documents ***Size :***
Document Date: 5/28/1998 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: MAPS METROSCAN FROM LUSTOP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874240

Document Type: Site Documents ***Size :***
Document Date: 5/28/1998 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: MAPS METROSCAN FROM LUSTOP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874243

Document Type: Site Documents ***Size :***
Document Date: 1/23/1998 ***Submitted By:*** CANDACE GARCIA (REGULATOR)
Type: SOIL AND WATER INVESTIGATION ***Submitted:***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

REPORT
Title: GROUNDWATER ASSESSMENT REPORT 12/18/1995 - 1/23/1998
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874231

Document Type: Site Documents **Size :**
Document Date: 11/21/1997 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5884767

Document Type: Site Documents **Size :**
Document Date: 11/17/1997 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5884769

Document Type: Site Documents **Size :**
Document Date: 7/28/1997 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: PRELIMINARY SITE ASSESSMENT REPORT **Submitted:**
Title: PRELIMINARY SITE ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874235

Document Type: Site Documents **Size :**
Document Date: 1/21/1997 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: //MISCELLANEOUS SAMPLE RESULTS FROM LUSTOP 4/11/1985 - 1/21/1997
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874237

Document Type: Site Documents **Size :**
Document Date: 12/20/1996 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: SOIL AND WATER INVESTIGATION WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5884770

Document Type: Site Documents **Size :**
Document Date: 12/3/1996 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5884771

Document Type: Site Documents **Size :**
Document Date: 7/11/1995 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: OTHER WORKPLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5884772

Document Type: Site Documents **Size :**
Document Date: 12/15/1994 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: REMEDIAL PROGRESS REPORT **Submitted:**
Title: REMEDIAL REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5874234

Document Type: Site Documents **Size :**
Document Date: 5/1/1994 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: CORRECTIVE ACTION PLAN / REMEDIAL ACTION PLAN **Submitted:**
Title: WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500121&document_id=5884777

47	1 of 1	WSW	0.27 / 1,441.27	76.12 / 1	**Unocal #6897** **2025 El Camino Real Santa Clara CA**	**LOP SANTACLARA**

SCVWD ID: 07S1W03F01f
Closure Date: 6/27/2000
Link: http://lustop.sccgov.org/files/07S1W03F01f/

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
48	1 of 1	WSW	0.29 / 1,541.95	75.40 / 0	BYER PROPERTIES L.P. 2100 EL CAMINO REAL SANTA CLARA CA 95050	RCRA TSD

EPA Handler ID: CAC003007567
Gen Status Universe: No Report
Contact Name: NICK ADAMSON
Contact Address: 66 POTRERO AVE. , , SAN FRANCISCO , CA, 94103 ,
Contact Phone No and Ext: 925-708-1853
Contact Email: NADAMSON@BYER.COM
Contact Country:
Land Type:
County Name: SANTA CLARA
EPA Region: 09
Receive Date: 20190327
Location Latitude: 37.350027
Location Longitude: -121.961466

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190327
Handler Name: BYER PROPERTIES L.P.
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: NICK ADAMSON
Date Became Current:
Date Ended Current:
Phone: 925-708-1853
Source Type: Implementer
Street No:
Street 1: 66 POTRERO AVE.
Street 2:
City: SAN FRANCISCO
State: CA
Country:
Zip Code: 94103

Owner/Operator Ind: Current Owner
Type: Other
Street No:
Street 1: 66 POTRERO AVE.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	BYER PROPERTIES L.P.	**Street 2:**	
Date Became Current:		**City:**	SAN FRANCISCO
Date Ended Current:		**State:**	CA
Phone:	415-626-7844	**Country:**	
Source Type:	Implementer	**Zip Code:**	94103

49	1 of 1	WSW	0.30 / 1,570.01	75.21 / 0	CAMARO CLEANERS 2116 EL CAMINO REAL SANTA CLARA CA 94086	CLEANUP SITES

Global ID:	SL0608501131	**Latitude:**	37.352313
Status:	COMPLETED - CASE CLOSED	**Longitude:**	-121.961291
Status Date:	4/3/2008	**County:**	SANTA CLARA
Site Facility Type:	CLEANUP PROGRAM SITE		
Data Source:	Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:	43S1103	**Stop Method:**	
Local Case No:		**CUF Case:**	NO
Begin Date:	5/1/2007	**Case Worker:**	UUU
File Location:			
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)		
Local Agency:			
Potential COC:	Tetrachloroethylene (PCE), Other Petroleum		
Potential Media of Concern:	Under Investigation		
How Discovered:			
How Discovered Description:	SANTA CLARA FIRE DEPARTMENT DIRECTED SOIL SAMPLES COLLECTED ON MAY 1, 2007.		
Stop Description:			
CalWater Watershed Name:	Santa Clara - Palo Alto (205.50)		
DWR GW Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)		
Disadvantaged Community:			
CalEnviroScreen Score:	41-45%		
Site History:			

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type:	REMEDIATION
Date:	2007-12-04 00:00:00
Action:	Excavation
Action Type:	Other
Date:	2007-07-02 00:00:00
Action:	Leak Reported
Action Type:	Other
Date:	2007-05-01 00:00:00
Action:	Leak Discovery

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Completed - Case Closed
Status Date:	2008-04-03 00:00:00
Status:	Open - Site Assessment
Status Date:	2007-08-15 00:00:00
Status:	Open - Case Begin Date
Status Date:	2007-05-01 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker	**Address:**	1515 CLAY ST SUITE 1400

Contact Name: Regional Water Board **City:** OAKLAND
Phone No:
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Email:

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=SL0608501131
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 4/3/2008
Potential COC: OTHER PETROLEUM, TETRACHLOROETHYLENE (PCE)
Potential Media of Concern: UNDER INVESTIGATION
Groundwater Monitoring Frequen:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
CalWater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN FRANCISCO BAY RWQCB (REGION 2) (LEAD) - CASE #: 43S1103
CASEWORKER: Regional Water Board
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=SL0608501131&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: EXCAVATION **Begin Date:** 12/4/2007
Phase: Soil **End Date:** 4/21/2007
Description:
Contaminant Mass Removed:

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Cleanup Action
Action Date: 12/4/2007
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 7/2/2007
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 5/1/2007
Received Issue Date:
Action: Leak Discovery
Doc Link:

Title Description Comments:

Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 4/3/2008
Size : 354 KB
Submitted:
Submitted By: NATHAN KING (REGULATOR)
Title: NO FURTHER ACTION
Title Link: https://geotracker.waterboards.ca.gov/site_documents/7208419620/Camaro%20Cleaners%20closure%20letter%204%2D3%2D08%2Epdf
Type: LETTER

Document Type: Site Documents
Document Date: 3/5/2008
Size : 161 KB
Submitted:
Submitted By: NATHAN KING (REGULATOR)
Title: PROPOSED CASE CLOSURE, FACT SHEET
Title Link: https://geotracker.waterboards.ca.gov/site_documents/3124271988/Fact%20Sheet%20%2D%20Camaro%20Cleaners%203%2D08%2Epdf
Type: FACT SHEET

Document Type: Site Documents
Document Date: 2/20/2008
Size : 127 KB
Submitted:
Submitted By: NATHAN KING (REGULATOR)
Title: APPROVAL OF INTERIM REMEDIAL ACTION COMPLETION REPORT AND REQUIREMENT FOR PUBLIC NOTIFICATION
Title Link: https://geotracker.waterboards.ca.gov/site_documents/7349201798/Camaro%20Cleaners%20%2D%20approve%20rem%20action%202%2D20%2D08%2Epdf
Type: LETTER

Document Type: Site Documents
Document Date: 2/5/2008
Size : 2,868 KB
Submitted:
Submitted By: NATHAN KING (REGULATOR)
Title: INTERIM REMEDIAL ACTION AND SITE ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/site_documents/7838917374/Interim%20Remedial%20Action%20and%20Site%20Assessment%20Report%2Epdf
Type: REPORT

Document Type: Site Documents
Document Date: 2/5/2008
Size : 127 KB
Submitted:
Submitted By: NATHAN KING (REGULATOR)
Title: APPROVAL OF INTERIM REMEDIAL ACTION WORKPLAN AND REPORT REQUIREMENT
Title Link: https://geotracker.waterboards.ca.gov/site_documents/1833358585/Camaro%20WP%20Approval%2011%2D14%2D07%2Epdf
Type: LETTER

Document Type: Site Documents
Document Date: 10/31/2007
Size : 674 KB
Submitted:
Submitted By: NATHAN KING (REGULATOR)
Title: PRELIMINARY SITE ASSESSMENT DATA BORINGS B-4 AND B-5
Title Link: https://geotracker.waterboards.ca.gov/site_documents/2091969132/Preliminary%20Site%20Assessment%20Data%2Epdf
Type: REPORT

Document Type: Site Documents
Document Date: 10/31/2007
Size : 5,931 KB
Submitted:
Submitted By: NATHAN KING (REGULATOR)
Title: SITE ASSESSMENT AND IRM
Title Link: https://geotracker.waterboards.ca.gov/site_documents/4615666031/Work%20Plan%20Final%20with%20Attachments%2Epdf
Type: WORKPLAN

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Completed - Case Closed
Date: 4/3/2008

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Open - Site Assessment
Date: 8/15/2007

Status: Open - Case Begin Date
Date: 5/1/2007

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50 | **1 of 2** | **E** | **0.35 / 1,845.65** | **70.77 / -5** | **Santa Clara, City of, Property**
1150 El Camino Real Santa Clara CA | **LOP SANTACLARA**

SCVWD ID: 07S1W02E03f
Closure Date: 8/29/1997
Link: http://lustop.sccgov.org/files/07S1W02E03f/

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50 | **2 of 2** | **E** | **0.35 / 1,845.65** | **70.77 / -5** | **SANTA CLARA, CITY OF, PROPERTY**
1150 EL CAMINO REAL
SANTA CLARA CA 95050 | **LUST**

Global ID: T0608501037
Status: COMPLETED - CASE CLOSED
Status Date: 8/29/1997
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: SANTA CLARA
Latitude: 37.3537213924227
Longitude: -121.948413209187

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 9/20/1990
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: YES
Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 46-50%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date : 8/29/1997
Action: Closure/No Further Action Letter

Action Type: RESPONSE
Date : 8/29/1997
Action: Other Report / Document

Action Type: REMEDIATION
Date : 12/14/1994
Action: Pump & Treat (P&T) Groundwater

Action Type: REMEDIATION
Date : 12/14/1994
Action: Excavation

Action Type: ENFORCEMENT
Date : 7/9/1993

Action: Notice of Responsibility - #39697

Action Type: Other
Date : 9/18/1991
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 8/29/1997

Status: Open - Site Assessment
Status Date: 5/18/1992

Status: Open - Case Begin Date
Status Date: 9/20/1990

Status: Open - Site Assessment
Status Date: 9/20/1990

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: SANTA CLARA, CITY OF, PROPERTY
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig: D
CUF Amount Paid: $352,518
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 1150 EL CAMINO REAL
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim: 3094
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608501037
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 8/29/1997
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608501037&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W02E03f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 8/29/1997

Status: Open - Site Assessment
Date : 5/18/1992

Status: Open - Case Begin Date
Date : 9/20/1990

Status: Open - Site Assessment
Date : 9/20/1990

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: PUMP & TREAT (P&T) GROUNDWATER
Phase:
Contaminant Mass Removed:
Description:
Begin Date: 12/14/1994
End Date: 8/29/1997

Action Type: EXCAVATION
Phase:
Contaminant Mass Removed:
Description:
Begin Date: 12/14/1994
End Date: 8/29/1997

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Other
Action Date: 8/29/1997
Received Issue Date: 8/29/1997
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501037&doc_id=5834143
Title Description Comments:

SCVWD Electronic Files

Action Type: Other Regulatory Actions
Action Date: 8/29/1997
Received Issue Date: 8/29/1997
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501037&enforcement_id=6238978&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Notices
Action Date: 7/9/1993
Received Issue Date: 7/9/1993
Action: Notice of Responsibility - #39697
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date: 12/14/1994
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

Action Type: Cleanup Action

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 12/14/1994
Received Issue Date:
Action: Pump & Treat (P&T) Groundwater
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 9/18/1991
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 8/29/1997
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501037&enforcement_id=6238978

Document Type: Site Documents
Document Date: 8/29/1997
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: OTHER REPORT / DOCUMENT
Submitted:
Title: SCVWD ELECTRONIC FILES
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501037&document_id=5834143

51	1 of 2	E	0.39 / 2,037.99	70.28 / -5	**Caltrans** **El Camino Real & Main St Santa Clara** **CA**	**LOP SANTACLARA**

SCVWD ID: 07S1W02E04f
Closure Date: 10/2/1995
Link: http://lustop.sccgov.org/files/07S1W02E04f/

51	2 of 2	E	0.39 / 2,037.99	70.28 / -5	**CALTRANS** **EL CAMINO REAL & MAIN ST** **SANTA CLARA CA 95050**	**LUST**

Global ID: T0608501812
Status: COMPLETED - CASE CLOSED
Status Date: 10/2/1995
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: SANTA CLARA
Latitude: 37.354
Longitude: -121.9478

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 1/1/1993
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: NO
Potential COC: Diesel
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)

Disadvantaged Community:
Calenviroscreen Score: 46-50%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date : 10/2/1995
Action: Closure/No Further Action Letter

Action Type: RESPONSE
Date : 5/5/1994
Action: Other Report / Document

Action Type: Other
Date : 1/1/1993
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 10/2/1995

Status: Open - Case Begin Date
Status Date: 1/1/1993

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: CALTRANS
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
Potential COC: DIESEL
Facility Type:
Composting Method:
Address: EL CAMINO REAL & MAIN ST
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608501812
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 10/2/1995
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608501812&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)

CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W02E04f

Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 10/2/1995

Status: Open - Case Begin Date
Date : 1/1/1993

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date: 10/2/1995
Received Issue Date: 10/2/1995
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501812&enforcement_id=6143024&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 5/5/1994
Received Issue Date: 5/5/1994
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501812&doc_id=5757549
Title Description Comments:

SCVWD Electronic Files

Action Type: Leak Action
Action Date: 1/1/1993
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 10/2/1995
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501812&enforcement_id=6143024

Document Type: Site Documents
Document Date: 5/5/1994
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: OTHER REPORT / DOCUMENT
Submitted:
Title: SCVWD ELECTRONIC FILES
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501812&document_id=5757549

52	1 of 1	WSW	0.39 / 2,059.35	73.72 / -2	HOLDEN IL OF SANTA CLARA DEVELOPMENT	CLEANUP SITES

2232-2240 EL CAMINO REAL
SANTA CLARA CA 95051

Global ID:	T10000009061	***Latitude:***	37.35201
Status:	OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION	***Longitude:***	-121.96342
Status Date:	6/23/2016	***County:***	SANTA CLARA
Site Facility Type:	CLEANUP PROGRAM SITE		
Data Source:	Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:		***Stop Method:***	
Local Case No:	2016-25s	***CUF Case:***	NO
Begin Date:	6/15/2015	***Case Worker:***	GOR
File Location:	All Files are on GeoTracker or in the Local Agency Database		
Lead Agency:	SANTA CLARA COUNTY LOP		
Local Agency:	SANTA CLARA COUNTY LOP		
Potential COC:	Chlordane, DDD / DDE / DDT, Toxaphene, Arsenic, Lead		
Potential Media of Concern:	Other Groundwater (uses other than drinking water), Soil		
How Discovered:			
How Discovered Description:			
Stop Description:			
CalWater Watershed Name:	Santa Clara - Palo Alto (205.50)		
DWR GW Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)		
Disadvantaged Community:			
CalEnviroScreen Score:	16-20%		
Site History:			

Site is the location of former orchards with soil contamination of toxaphene, DDE, Total DDD/DDE/DDT, Arsenic, and potentially Lead in shallow soils. Redevelopment plans are to develop the site into a mixed used commercial-residential property with apartments and retail.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type:	RESPONSE
Date:	2021-10-15 00:00:00
Action:	Other Report / Document
Action Type:	ENFORCEMENT
Date:	2020-07-15 00:00:00
Action:	Staff Letter
Action Type:	RESPONSE
Date:	2020-02-14 00:00:00
Action:	Other Report / Document
Action Type:	ENFORCEMENT
Date:	2020-01-07 00:00:00
Action:	Staff Letter
Action Type:	ENFORCEMENT
Date:	2019-11-01 00:00:00
Action:	Voluntary Remedial Action Agreement
Action Type:	ENFORCEMENT
Date:	2019-10-08 00:00:00
Action:	Email Correspondence
Action Type:	RESPONSE
Date:	2019-07-17 00:00:00
Action:	Other Report / Document
Action Type:	ENFORCEMENT
Date:	2019-06-26 00:00:00
Action:	Staff Letter

Action Type: ENFORCEMENT
Date: 2019-02-12 00:00:00
Action: Letter - Notice

Action Type: RESPONSE
Date: 2017-10-30 00:00:00
Action: Remedial Action Complete

Action Type: ENFORCEMENT
Date: 2017-03-30 00:00:00
Action: Staff Letter

Action Type: ENFORCEMENT
Date: 2016-06-23 00:00:00
Action: Staff Letter

Action Type: ENFORCEMENT
Date: 2016-06-08 00:00:00
Action: Cost Recovery Agreement / N. of Reimbursement

Action Type: ENFORCEMENT
Date: 2016-04-11 00:00:00
Action: Letter - Notice

Action Type: RESPONSE
Date: 2016-04-06 00:00:00
Action: Other Report / Document

Action Type: RESPONSE
Date: 2016-03-03 00:00:00
Action: Other Report / Document

Action Type: RESPONSE
Date: 2015-06-15 00:00:00
Action: Phase I Assessment Report

Action Type: RESPONSE
Date: 2015-06-15 00:00:00
Action: Site Assessment Report

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Assessment & Interim Remedial Action
Status Date: 2016-06-23 00:00:00

Status: Open - Case Begin Date
Status Date: 2015-06-15 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: Gerald O'Regan
Phone No:
Organization Name: SANTA CLARA COUNTY LOP
Email: gerald.o'regan@deh.sccgov.org
Address: 1555 BERGER DRIVE STE 300
City: SAN JOSE

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
User Defined Beneficial Use:
Facility Type:
WDR Place Type:
Wdr File No:
Wdr Order No:

Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000009061
Cleanup Status Detail: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION AS OF 6/23/2016
Potential COC: ARSENIC, CHLORDANE, DDD / DDE / DDT, LEAD, TOXAPHENE
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL
Groundwater Monitoring Frequen:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
CalWater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD) - CASE #: 2016-25s
CASEWORKER: Gerald O'Regan
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000009061&tabname=regulatoryhistory
Site History:

Site is the location of former orchards with soil contamination of toxaphene, DDE, Total DDD/DDE/DDT, Arsenic, and potentially Lead in shallow soils. Redevelopment plans are to develop the site into a mixed used commercial-residential property with apartments and retail.

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Other
Action Date: 10/15/2021
Received Issue Date:
Action: Other Report / Document
Doc Link:
Title Description Comments:

Completion Report

Action Type: Other Regulatory Actions
Action Date: 7/15/2020
Received Issue Date: 7/15/2020
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6441720&temptable=ENFORCEMENT
Title Description Comments:

Approval of SMP and requirement for deed restriction

Action Type: Response Requested - Other
Action Date: 2/14/2020
Received Issue Date: 6/12/2020
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000009061&doc_id=6012626
Title Description Comments:

SMP

Action Type: Other Regulatory Actions
Action Date: 1/7/2020
Received Issue Date: 1/7/2020
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6424358&temptable=ENFORCEMENT
Title Description Comments:

Requirement for SMP

Action Type: Agreements
Action Date: 11/1/2019

Received Issue Date: 11/1/2019
Action: Voluntary Remedial Action Agreement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6419332&temptable=ENFORCEMENT
Title Description Comments:

Remedial Action Agreement w Alliance

Action Type: Other Regulatory Actions
Action Date: 10/8/2019
Received Issue Date: 10/8/2019
Action: Email Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6416788&temptable=ENFORCEMENT
Title Description Comments:

Email to SummerHill regarding property ownership

Action Type: Response Requested - Other
Action Date: 7/17/2019
Received Issue Date: 7/17/2019
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000009061&doc_id=5999190
Title Description Comments:

Site Status Update

Action Type: Other Regulatory Actions
Action Date: 6/26/2019
Received Issue Date: 6/26/2019
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6407193&temptable=ENFORCEMENT
Title Description Comments:

DEH requirement for a status update

Action Type: Notices
Action Date: 2/12/2019
Received Issue Date: 2/12/2019
Action: Letter - Notice
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6385252&temptable=ENFORCEMENT
Title Description Comments:

Notice Regarding Revised Environmental Screening Levels

Action Type: Response Requested - Reports
Action Date: 10/30/2017
Received Issue Date:
Action: Remedial Action Complete
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 3/30/2017
Received Issue Date: 3/30/2017
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6315602&temptable=ENFORCEMENT
Title Description Comments:

RAW approval

Action Type: Other Regulatory Actions
Action Date: 6/23/2016
Received Issue Date: 6/23/2016
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6288905&temptable=ENFORCEMENT
Title Description Comments:

Opening Letter

Action Type: Agreements
Action Date: 6/8/2016
Received Issue Date: 6/8/2016
Action: Cost Recovery Agreement / N. of Reimbursement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6288871&temptable=ENFORCEMENT
Title Description Comments:

Remedial Action Agreement

Action Type: Notices
Action Date: 4/11/2016
Received Issue Date: 4/11/2016
Action: Letter - Notice
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6288872&temptable=ENFORCEMENT
Title Description Comments:

State Notification pursuant to H&SC, Section 101480

Action Type: Response Requested - Other
Action Date: 4/6/2016
Received Issue Date: 4/6/2016
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000009061&doc_id=5892942
Title Description Comments:

Application for oversight

Action Type: Response Requested - Other
Action Date: 3/3/2016
Received Issue Date: 3/3/2016
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000009061&doc_id=5892952
Title Description Comments:

Concpetual Site Development Plan

Action Type: Response Requested - Reports
Action Date: 6/15/2015
Received Issue Date: 6/15/2015
Action: Phase I Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000009061&doc_id=5892947
Title Description Comments:

Phase I Environmental Site Assessment Report

Action Type: Response Requested - Reports
Action Date: 6/15/2015
Received Issue Date: 6/15/2015
Action: Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000009061&doc_id=5892950
Title Description Comments:

Phase II Environmental Assessment Report

Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents ***Submitted:***
Document Date: 7/15/2020 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: APPROVAL OF SMP AND REQUIREMENT FOR DEED RESTRICTION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6441720
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 6/12/2020 ***Submitted By:*** LANGAN (AUTH_RP)
Size : 13,490 KB
Title: SOIL MANAGEMENT PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4588358998/T10000009061.PDF
Type: SOIL MANAGEMENT PLAN

Document Type: Site Documents ***Submitted:***
Document Date: 1/7/2020 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: REQUIREMENT FOR SMP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6424358
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 11/1/2019 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: REMEDIAL ACTION AGREEMENT W ALLIANCE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6419332
Type: VOLUNTARY REMEDIAL ACTION AGREEMENT

Document Type: Site Documents ***Submitted:***
Document Date: 10/8/2019 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: EMAIL TO SUMMERHILL REGARDING PROPERTY OWNERSHIP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6416788
Type: EMAIL CORRESPONDENCE

Document Type: Site Documents ***Submitted:***
Document Date: 7/17/2019 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: SITE STATUS UPDATE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&document_id=5999190
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents ***Submitted:***
Document Date: 6/26/2019 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: DEH REQUIREMENT FOR A STATUS UPDATE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6407193
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 2/12/2019 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: NOTICE REGARDING REVISED ENVIRONMENTAL SCREENING LEVELS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6385252
Type: LETTER - NOTICE

Document Type: Site Documents ***Submitted:***
Document Date: 3/30/2017 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: RAW APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6315602
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***

Document Date: 2/16/2017* **Submitted By:** ENGEO - SAN RAMON (AUTH_RP)
Size : 111 KB
Title: ADDENDUM TO REMOVAL ACTION WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5884813308/T10000009061.PDF
Type: CORRESPONDENCE - RESPONSE TO COMMENTS

Document Type: Site Documents **Submitted:**
Document Date: 12/5/2016* **Submitted By:** ENGEO - SAN RAMON (AUTH_RP)
Size : 49,707 KB
Title: REMOVAL ACTION WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7476182937/T10000009061.PDF
Type: REMOVAL ACTION WORK PLAN

Document Type: Site Documents **Submitted:**
Document Date: 6/23/2016 **Submitted By:** AARON COSTA (REGULATOR)
Size :
Title: OPENING LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6288905
Type: STAFF LETTER

Document Type: Site Documents **Submitted:**
Document Date: 6/8/2016 **Submitted By:** AARON COSTA (REGULATOR)
Size :
Title: REMEDIAL ACTION AGREEMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6288871
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT

Document Type: Site Documents **Submitted:**
Document Date: 4/11/2016 **Submitted By:** AARON COSTA (REGULATOR)
Size :
Title: STATE NOTIFICATION PURSUANT TO H&SC, SECTION 101480
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&enforcement_id=6288872
Type: LETTER - NOTICE

Document Type: Site Documents **Submitted:**
Document Date: 4/6/2016 **Submitted By:** AARON COSTA (REGULATOR)
Size :
Title: APPLICATION FOR OVERSIGHT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&document_id=5892942
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents **Submitted:**
Document Date: 3/3/2016 **Submitted By:** AARON COSTA (REGULATOR)
Size :
Title: CONCPETUAL SITE DEVELOPMENT PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&document_id=5892952
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents **Submitted:**
Document Date: 6/15/2015 **Submitted By:** AARON COSTA (REGULATOR)
Size :
Title: PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&document_id=5892947
Type: PHASE I ASSESSMENT REPORT

Document Type: Site Documents **Submitted:**
Document Date: 6/15/2015 **Submitted By:** AARON COSTA (REGULATOR)
Size :
Title: PHASE II ENVIRONMENTAL ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000009061&document_id=5892950
Type: SITE ASSESSMENT REPORT

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Open - Assessment & Interim Remedial Action
Date: 6/23/2016

Status: Open - Case Begin Date

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date:		6/15/2015				
53	1 of 1	N	0.41 / 2,151.37	57.18 / -18	ARLENE CASOLARY 2111 MONROE STREET SANTA CLARA CA 95050	RCRA TSD

EPA Handler ID: CAC003007151
Gen Status Universe: No Report
Contact Name: ARLENE CASOLARY
Contact Address: 3069 VESUVIUS LANE , , SAN JOSE , CA, 95050 ,
Contact Phone No and Ext: 408-926-0774
Contact Email: NICOLE@ENV-REM.COM
Contact Country:
Land Type:
County Name: SANTA CLARA
EPA Region: 09
Receive Date: 20190325
Location Latitude: 37.360052
Location Longitude: -121.954966

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190325
Handler Name: ARLENE CASOLARY
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: ARLENE CASOLARY
Date Became Current:
Date Ended Current:
Phone: 408-926-0774
Source Type: Implementer
Street No:
Street 1: 3069 VESUVIUS LANE
Street 2:
City: SAN JOSE
State: CA
Country:
Zip Code: 95050

Owner/Operator Ind: Current Operator
Street No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Other	**Street 1:**	3069 VESUVIUS LANE
Name:	ARLENE CASOLARY	**Street 2:**	
Date Became Current:		**City:**	SAN JOSE
Date Ended Current:		**State:**	CA
Phone:	408-926-0774	**Country:**	
Source Type:	Implementer	**Zip Code:**	95050

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
54	1 of 2	E	0.44 / 2,320.05	68.39 / -7	Chang's Auto Service 1021 El Camino Real Santa Clara CA	LOP SANTACLARA

SCVWD ID: 07S1W02E01f
Closure Date: 6/29/2001
Link: http://lustop.sccgov.org/files/07S1W02E01f/

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
54	2 of 2	E	0.44 / 2,320.05	68.39 / -7	CHANG'S AUTO SERVICE 1021 EL CAMINO REAL SANTA CLARA CA 95050	LUST

Global ID:	T0608500323	**County:**	SANTA CLARA
Status:	COMPLETED - CASE CLOSED	**Latitude:**	37.354166
Status Date:	6/29/2001	**Longitude:**	-121.946989
Case Type:	LUST CLEANUP SITE		

Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:		**Potential COC:**	Gasoline
Local Case No:		**How Discovered:**	
Begin Date:	10/29/1986	**Stop Method:**	
Lead Agency:	SANTA CLARA COUNTY LOP	**Stop Description:**	
Local Agency:	SANTA CLARA COUNTY LOP	**Case Worker:**	UST
CUF Case:	NO	**File Location:**	All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 46-50%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date : 6/3/2005
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 6/3/2005
Action: Other Report

Action Type: RESPONSE
Date : 6/7/2001
Action: Other Report / Document

Action Type: RESPONSE
Date : 4/28/2000
Action: Soil and Water Investigation Workplan

Action Type: ENFORCEMENT
Date : 3/29/2000

Action: Staff Letter - #23635

Action Type: ENFORCEMENT
Date : 12/24/1996
Action: Notice of Responsibility - #39696

Action Type: RESPONSE
Date : 5/16/1994
Action: Other Report / Document

Action Type: Other
Date : 1/23/1992
Action: Leak Reported

Action Type: RESPONSE
Date : 1/29/1990
Action: Other Report / Document

Action Type: RESPONSE
Date : 6/20/1988
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 1/13/1987
Action: Unauthorized Release Form

Action Type: RESPONSE
Date : 8/21/1986
Action: Tank Removal Report / UST Sampling Report

Action Type: RESPONSE
Date : 1/1/1984
Action: Correspondence

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 6/29/2001

Status: Open - Site Assessment
Status Date: 4/29/1988

Status: Open - Case Begin Date
Status Date: 10/29/1986

Status: Open - Site Assessment
Status Date: 10/29/1986

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: CHANG'S AUTO SERVICE
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Potential COC: GASOLINE
Facility Type:
Composting Method:

Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
Address: 1021 EL CAMINO REAL
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim:

File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608500323
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 6/29/2001
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608500323&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W02E01f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 6/29/2001

Status: Open - Site Assessment
Date : 4/29/1988

Status: Open - Site Assessment
Date : 10/29/1986

Status: Open - Case Begin Date
Date : 10/29/1986

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Reports
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500323&enforcement_id=6324280&temptable=ENFORCEMENT
Title Description Comments:

Map & Metroscan Information 06/03/2005

Action Type: Response Requested - Other
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500323&doc_id=5927338
Title Description Comments:

State Information 06/03/2005

Action Type: Response Requested - Other
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500323&doc_id=5927337
Title Description Comments:

Phone Log 06/03/2005

Action Type: Response Requested - Other
Action Date: 6/7/2001
Received Issue Date: 6/7/2001
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500323&doc_id=5927336
Title Description Comments:

Miscellaneous Sample Results 06/07/2001

Action Type: Other Regulatory Actions
Action Date: 3/29/2000
Received Issue Date: 3/29/2000
Action: Staff Letter - #23635
Doc Link:
Title Description Comments:

Action Type: Notices
Action Date: 12/24/1996
Received Issue Date: 12/24/1996
Action: Notice of Responsibility - #39696
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 5/16/1994
Received Issue Date: 5/16/1994
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500323&doc_id=5927335
Title Description Comments:

Miscellaneous Report 05/16/1994

Action Type: Response Requested - Other
Action Date: 1/29/1990
Received Issue Date: 1/29/1990
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500323&doc_id=5927332
Title Description Comments:

Agreement 01/29/1990

Action Type: Response Requested - Reports
Action Date: 6/20/1988
Received Issue Date: 6/20/1988
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500323&doc_id=5927339
Title Description Comments:

Soil & Water Investigation Report 06/20/1988 - 06/21/1996

Action Type: Response Requested - Other
Action Date: 1/13/1987
Received Issue Date: 1/13/1987

Action: Unauthorized Release Form
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500323&doc_id=5927341
Title Description Comments:

Unauthorized Release Form 01/13/1987

Action Type: Response Requested - Reports
Action Date: 8/21/1986
Received Issue Date: 8/21/1986
Action: Tank Removal Report / UST Sampling Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500323&doc_id=5927340
Title Description Comments:

Tank Removal Report 08/21/1986

Action Type: Response Requested - Other
Action Date: 1/1/1984
Received Issue Date: 1/1/1984
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500323&doc_id=5927333
Title Description Comments:

Correspondence 1984

Action Type: Response Requested - Workplans
Action Date: 4/28/2000
Received Issue Date:
Action: Soil and Water Investigation Workplan
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan

Action Type: Leak Action
Action Date: 1/23/1992
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents ***Size :*** 661 KB
Document Date: 10/5/2007 ***Submitted By:*** CYNTHIA MANA-AY (REGULATOR)
Type: LETTER ***Submitted:***
Title: CLOSURE LETTER & SITE CLOSURE SUMMARY
Title Link: https://geotracker.waterboards.ca.gov/site_documents/3042423844/CLOS%5FL%5F2001%2D07%2D29%2Epdf

Document Type: Site Documents ***Size :***
Document Date: 6/3/2005 ***Submitted By:*** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: STATE INFORMATION 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500323&document_id=5927338

Document Type: Site Documents ***Size :***
Document Date: 6/3/2005 ***Submitted By:*** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: PHONE LOG 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500323&document_id=5927337

Document Type: Site Documents ***Size :***
Document Date: 6/3/2005 ***Submitted By:*** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT ***Submitted:***
Title: MAP & METROSCAN INFORMATION 06/03/2005

Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500323&enforcement_id=6324280

Document Type: Site Documents
Document Date: 6/7/2001
Type: OTHER REPORT / DOCUMENT
Title: MISCELLANEOUS SAMPLE RESULTS 06/07/2001
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500323&document_id=5927336
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 5/16/1994
Type: OTHER REPORT / DOCUMENT
Title: MISCELLANEOUS REPORT 05/16/1994
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500323&document_id=5927335
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 1/29/1990
Type: OTHER REPORT / DOCUMENT
Title: AGREEMENT 01/29/1990
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500323&document_id=5927332
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 6/20/1988
Type: SOIL AND WATER INVESTIGATION REPORT
Title: SOIL & WATER INVESTIGATION REPORT 06/20/1988 - 06/21/1996
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500323&document_id=5927339
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 1/13/1987
Type: UNAUTHORIZED RELEASE FORM
Title: UNAUTHORIZED RELEASE FORM 01/13/1987
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500323&document_id=5927341
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 8/21/1986
Type: TANK REMOVAL REPORT / UST SAMPLING REPORT
Title: TANK REMOVAL REPORT 08/21/1986
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500323&document_id=5927340
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 1/1/1984
Type: CORRESPONDENCE
Title: CORRESPONDENCE 1984
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500323&document_id=5927333
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

55	1 of 1	SW	0.44 / 2,327.87	82.67 / 7	JOAN WRABETZ 2125 DENISE DR. SANTA CLARA CA 95050	RCRA TSD

EPA Handler ID: CAC003009977
Gen Status Universe: No Report
Contact Name: JOAN WRABETZ
Contact Address: 2125 DENISE DR. , , SANTA CLARA , CA, 95050 ,
Contact Phone No and Ext: 612-207-8517
Contact Email: LILIAN.RAMOS@SYNERGYCOMPANIES.ORG
Contact Country:
Land Type:
County Name: SANTA CLARA
EPA Region: 09
Receive Date: 20190412
Location Latitude: 37.348548
Location Longitude: -121.961565

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records

associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190412
Handler Name:	JOAN WRABETZ
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	2125 DENISE DR.
Name:	JOAN WRABETZ	***Street 2:***	
Date Became Current:		***City:***	SANTA CLARA
Date Ended Current:		***State:***	CA
Phone:	612-207-8517	***Country:***	
Source Type:	Implementer	***Zip Code:***	95050

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	2125 DENISE DR.
Name:	JOAN WRABETZ	***Street 2:***	
Date Became Current:		***City:***	SANTA CLARA
Date Ended Current:		***State:***	CA
Phone:	612-207-8517	***Country:***	
Source Type:	Implementer	***Zip Code:***	95050

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56 ***1 of 2*** ***ENE*** ***0.45 / 2,372.12*** ***59.12 / -16*** ***Washington Street Condos 1901 Washington St Santa Clara CA*** ***LOP SANTACLARA***

SCVWD ID:	07S1W02D01f
Closure Date:	6/11/1996
Link:	http://lustop.sccgov.org/files/07S1W02D01f/

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56 ***2 of 2*** ***ENE*** ***0.45 / 2,372.12*** ***59.12 / -16*** ***WASHINGTON STREET CONDOS 1901 WASHINGTON ST SANTA CLARA CA 95050*** ***LUST***

Global ID:	T0608501575	***County:***	SANTA CLARA
Status:	COMPLETED - CASE CLOSED	***Latitude:***	37.3587
Status Date:	6/11/1996	***Longitude:***	-121.9494
Case Type:	LUST CLEANUP SITE		

Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 1/1/1985
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: NO
Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 76-80%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date : 6/11/1996
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 6/11/1996
Action: Closure/No Further Action Letter

Action Type: Other
Date : 1/1/1985
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 6/11/1996

Status: Open - Case Begin Date
Status Date: 1/1/1985

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: WASHINGTON STREET CONDOS
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 1901 WASHINGTON ST
City: SANTA CLARA
Zip: 95050

WDR Order: ***County:*** SANTA CLARA
CUF Priority Assig: ***CUF Claim:***
CUF Amount Paid:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608501575
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 6/11/1996
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608501575&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W02D01f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 6/11/1996

Status: Open - Case Begin Date
Date : 1/1/1985

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date: 6/11/1996
Received Issue Date: 6/11/1996
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501575&enforcement_id=6233562&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 6/11/1996
Received Issue Date: 6/11/1996
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501575&doc_id=5826604
Title Description Comments:

SCVWD Electronic Files

Action Type: Leak Action
Action Date: 1/1/1985
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Site Documents
Document Date: 6/11/1996
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501575&enforcement_id=6233562

Document Type: Site Documents
Document Date: 6/11/1996
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: OTHER REPORT / DOCUMENT
Submitted:
Title: SCVWD ELECTRONIC FILES - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501575&document_id=5826604

57	1 of 1	S	0.47 / 2,484.53	90.30 / 15	PALADUGU, PRASHANTI 1134 INVERNESS AVENUE SANTA CLARA CA 95050	RCRA TSD

EPA Handler ID: CAC003006632
Gen Status Universe: No Report
Contact Name: PALADUGU, PRASHANTI
Contact Address: 1134 INVERNESS AVENUE , , SANTA CLARA , CA, 95050 ,
Contact Phone No and Ext: 617-347-9253
Contact Email: MICKIEL@PWSEI.COM
Contact Country:
Land Type:
County Name: SANTA CLARA
EPA Region: 09
Receive Date: 20190321
Location Latitude: 37.346855
Location Longitude: -121.957149

Violation/Evaluation Summary

Note: NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190321
Handler Name: PALADUGU, PRASHANTI
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1134 INVERNESS AVENUE
Name:	PALADUGU, PRASHANTI	***Street 2:***	
Date Became Current:		***City:***	SANTA CLARA
Date Ended Current:		***State:***	CA
Phone:	617-347-9253	***Country:***	
Source Type:	Implementer	***Zip Code:***	95050

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1134 INVERNESS AVENUE
Name:	PALADUGU, PRASHANTI	***Street 2:***	
Date Became Current:		***City:***	SANTA CLARA
Date Ended Current:		***State:***	CA
Phone:	617-347-9253	***Country:***	
Source Type:	Implementer	***Zip Code:***	95050

58	*1 of 2*	*NNW*	*0.48 / 2,513.18*	*58.57 / -17*	***Shell 2090 Scott Blvd Santa Clara CA***	***LOP SANTACLARA***

SCVWD ID:	06S1W34P01f
Closure Date:	
Link:	http://lustop.sccgov.org/files/06S1W34P01f/

58	*2 of 2*	*NNW*	*0.48 / 2,513.18*	*58.57 / -17*	***SCOTT CHEVRON (FORMER SHELL) 2090 SCOTT BOULEVARD SANTA CLARA CA 95050***	***LUST***

Global ID:	T0608501874	***County:***	SANTA CLARA
Status:	COMPLETED - CASE CLOSED	***Latitude:***	37.3606921307849
Status Date:	1/11/2018	***Longitude:***	-121.960000991821
Case Type:	LUST CLEANUP SITE		
Date Source:	LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:	19-095	***Potential COC:***	Gasoline
Local Case No:	06S1W34P01f	***How Discovered:***	Other Means
Begin Date:	1/1/1994	***Stop Method:***	Replace product piping
Lead Agency:	SANTA CLARA COUNTY LOP	***Stop Description:***	
Local Agency:	SANTA CLARA COUNTY LOP	***Case Worker:***	AC
CUF Case:	YES	***File Location:***	All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern:	Other Groundwater (uses other than drinking water), Soil
How Discovered Description:	tank installation
Calwater Watershed Name:	Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name:	Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:	
Calenviroscreen Score:	46-50%
Site History:	

In 1995, soil and grab groundwater samples were collected from various locations in the vicinity of the UST system (tanks, piping and fuel dispensers). Up to 3,900 ppm TPHg, were detected in soil beneath a fuel dispenser in the northwest area of the site. Analytical results for a grab groundwater sample indicated up to 8,100 parts per billion (ppb) TPHg, and 19 ppb Benzene. On March 19, 1999, a grab groundwater sample was collected from an excavation during UST removal activities. Analytical results indicated up to 61,000 ppb TPHg and 9,620 ppb TPHd. On October 25, 2001, E2C Inc. (E2C) collected soil and grab groundwater samples from five direct –push sampling locations on the site. Sample and analytical results indicated up to 710 ppm TPHg and 170 ppm TPHd in the soil and 120 ppb TPHg and 110,000 ppb TPHd in groundwater. On October 7 and 8, 2002, E2C installed four groundwater monitoring wells at the site (designated as MW-1, MW-2, MW-3, and MW-7). Analytical results of soil samples collected during the well installations indicated up to 12 ppm TPHg and 645 ppm TPHd. The initial groundwater sample results from the monitoring wells indicated up to 16,230 ppb TPHg, 2,750,000 ppb TPHd, and 83 ppb Benzene. High contaminant concentrations were noted in samples from well MW-3 located in the northeast

corner of the property. On March 26 and 27, 2003, E2C installed four additional groundwater monitoring wells, three offsite to the north across Monroe Street (designated as MW-4, MW-5, and MW-6), and one additional onsite (MW-8). Analytical results from soil samples indicated up to 7.47 ppm TPHg (MW-6, offsite) and less than 1.0 ppm TPHd. On January 15, 2004, E2C performed an offsite direct-push sampling investigation involving soil and grab groundwater samples collected from five borings (DP-2 through DP-6). Analytical results for soil samples indicated up to 150 ppm TPHg and up to 13 ppm TPHd. Analytical results for grab groundwater samples indicated up to 80,000 ppb TPHg and up to 300,000 ppb TPHd. E2C advanced six additional onsite direct-push borings (G-1, G-2, G-3, G-4. G-8, and G-9) on March 16 and 17, 2004. Onsite well MW-9 was installed on April 8, 2004. The results of the investigation delineate the on-site souce as the dispenser island. Vacuum-assisted Groundwater Extraction (VAGE) Tests were performed between April 12 through 17, 2004. The VAGE work is described and documented in E2C's VAGE Test Report, May 3, 2004. Based on September, 2008 groundwater testing, the event provided about a 50 percent reduction in the concentration of fuel-related hydrocarbons at off-site wells MW-4 through MW-6. Subsequent groundwater testing has shown a return to historical values for the contaminants in these wells.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date : 1/11/2018
Action: Closure/No Further Action Letter

Action Type: RESPONSE
Date : 11/30/2017
Action: Well Destruction Report

Action Type: RESPONSE
Date : 11/30/2016
Action: Well Destruction Report

Action Type: ENFORCEMENT
Date : 9/1/2016
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 7/1/2016
Action: Notification - Public Notice of Case Closure

Action Type: ENFORCEMENT
Date : 3/21/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Action Type: RESPONSE
Date : 1/30/2016
Action: Monitoring Report - Semi-Annually

Action Type: ENFORCEMENT
Date : 7/17/2015
Action: Staff Letter

Action Type: RESPONSE
Date : 6/30/2015
Action: Well Installation Report

Action Type: ENFORCEMENT
Date : 3/19/2015
Action: Staff Letter

Action Type: RESPONSE
Date : 3/11/2015
Action: Correspondence

Action Type: ENFORCEMENT
Date : 3/4/2015
Action: Notice of Responsibility

Action Type: ENFORCEMENT
Date : 1/12/2015
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 12/11/2014

Action: Staff Letter

Action Type: RESPONSE
Date : 6/13/2014
Action: Well Installation Report

Action Type: RESPONSE
Date : 2/21/2014
Action: Well Installation Workplan - Regulator Responded

Action Type: ENFORCEMENT
Date : 2/11/2014
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 1/2/2014
Action: Email Correspondence

Action Type: ENFORCEMENT
Date : 12/4/2013
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 12/2/2013
Action: Email Correspondence

Action Type: RESPONSE
Date : 10/18/2013
Action: Email Correspondence

Action Type: ENFORCEMENT
Date : 10/16/2013
Action: Email Correspondence

Action Type: ENFORCEMENT
Date : 8/16/2013
Action: Email Correspondence

Action Type: RESPONSE
Date : 3/15/2013
Action: Site Assessment Report - Regulator Responded

Action Type: ENFORCEMENT
Date : 11/15/2012
Action: Staff Letter

Action Type: RESPONSE
Date : 11/5/2012
Action: Soil and Water Investigation Workplan - Regulator Responded

Action Type: RESPONSE
Date : 9/28/2012
Action: Interim Remedial Action Plan

Action Type: ENFORCEMENT
Date : 9/26/2012
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 7/25/2012
Action: Staff Letter

Action Type: RESPONSE
Date : 12/10/2010
Action: Other Report / Document

Action Type: RESPONSE
Date : 7/31/2010
Action: Monitoring Report - Semi-Annually

Action Type: RESPONSE
Date : 1/31/2010
Action: Monitoring Report - Semi-Annually

Action Type: RESPONSE
Date : 1/8/2010
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 11/25/2009
Action: Staff Letter - #90025211

Action Type: ENFORCEMENT
Date : 8/24/2009
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 7/27/2009
Action: Notice of Responsibility

Action Type: RESPONSE
Date : 10/12/2006
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 6/3/2005
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 6/3/2005
Action: Other Report

Action Type: RESPONSE
Date : 6/21/2004
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 6/14/2004
Action: Remedial Progress Report

Action Type: RESPONSE
Date : 5/3/2004
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 3/26/2004
Action: Staff Letter - #43495

Action Type: RESPONSE
Date : 1/12/2004
Action: Soil and Water Investigation Workplan

Action Type: ENFORCEMENT
Date : 12/8/2003
Action: Staff Letter - #42679

Action Type: RESPONSE
Date : 11/10/2003
Action: Soil and Water Investigation Workplan

Action Type: RESPONSE
Date : 10/27/2003
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 9/30/2003
Action: Soil and Water Investigation Report

Action Type: ENFORCEMENT
Date : 9/19/2003
Action: Staff Letter - #42197

Action Type: RESPONSE
Date : 8/29/2003
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 8/26/2003
Action: Staff Letter - #42008

Action Type: RESPONSE
Date : 8/25/2003
Action: Soil and Water Investigation Workplan

Action Type: ENFORCEMENT
Date : 7/29/2003
Action: Staff Letter - #41764

Action Type: RESPONSE
Date : 5/30/2003
Action: Other Report / Document

Action Type: RESPONSE
Date : 5/30/2003
Action: Well Installation Report

Action Type: RESPONSE
Date : 5/23/2003
Action: Interim Remedial Action Report

Action Type: RESPONSE
Date : 4/7/2003
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 2/27/2003
Action: Staff Letter - #40879

Action Type: RESPONSE
Date : 1/24/2003
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 10/21/2002
Action: Soil and Water Investigation Report

Action Type: ENFORCEMENT
Date : 8/28/2002
Action: Warning Letter - #38557

Action Type: RESPONSE
Date : 1/30/2002
Action: Other Report / Document

Action Type: RESPONSE
Date : 11/19/2001
Action: Preliminary Site Assessment Report

Action Type: RESPONSE
Date : 9/17/2001
Action: Soil and Water Investigation Workplan

Action Type: ENFORCEMENT
Date : 9/11/2001
Action: Staff Letter - #31303

Action Type: RESPONSE

Date : 9/11/2001
Action: Other Workplan

Action Type: ENFORCEMENT
Date : 12/15/2000
Action: Warning Letter - #31302

Action Type: RESPONSE
Date : 2/11/2000
Action: Soil and Water Investigation Report

Action Type: ENFORCEMENT
Date : 12/29/1999
Action: Staff Letter - #31300

Action Type: ENFORCEMENT
Date : 6/26/1996
Action: Notice of Responsibility - #40311

Action Type: RESPONSE
Date : 10/27/1995
Action: Soil and Water Investigation Report

Action Type: ENFORCEMENT
Date : 7/26/1995
Action: Staff Letter - #31446

Action Type: RESPONSE
Date : 1/20/1995
Action: Unauthorized Release Form

Action Type: Other
Date : 1/20/1995
Action: Leak Reported

Action Type: Other
Date : 1/19/1995
Action: Leak Discovery

Action Type: Other
Date : 1/19/1995
Action: Leak Stopped

Action Type: RESPONSE
Date : 1/1/1995
Action: Correspondence

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: AARON COSTA
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email: aaron.costa@cep.sccgov.org
Phone No: 4089181954

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 1/11/2018

Status: Open - Eligible for Closure
Status Date: 9/1/2016

Status: Open - Verification Monitoring
Status Date: 7/16/2015

Status: Open - Site Assessment
Status Date: 1/11/1995

Status: Open - Case Begin Date
Status Date: 1/1/1994

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	SCOTT CHEVRON (FORMER SHELL)	**Potential COC:**	GASOLINE
Site Facility Type:	LUST CLEANUP SITE	**Facility Type:**	
Cleanup Status:	COMPLETED - CASE CLOSED	**Composting Method:**	
Project Status:		**Address:**	2090 SCOTT BOULEVARD
WDR Place Type:		**City:**	SANTA CLARA
WDR File:		**Zip:**	95050
WDR Order:		**County:**	SANTA CLARA
CUF Priority Assig:	B	**CUF Claim:**	16971
CUF Amount Paid:	$419,632		

File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608501874
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 1/11/2018
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608501874&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management: NOTIFY PRIOR TO CHANGE IN LAND USE
NOTIFY PRIOR TO DEVELOPMENT
Future Land Use: COMMERCIAL
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD) - CASE #: 06S1W34P01f
CASEWORKER: AARON COSTA
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 19-095
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque: # OF WELLS MONITORED - SEMI-ANNUALLY : 5, ANNUALLY : 4
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

In 1995, soil and grab groundwater samples were collected from various locations in the vicinity of the UST system (tanks, piping and fuel dispensers). Up to 3,900 ppm TPHg, were detected in soil beneath a fuel dispenser in the northwest area of the site. Analytical results for a grab groundwater sample indicated up to 8,100 parts per billion (ppb) TPHg, and 19 ppb Benzene.
On March 19, 1999, a grab groundwater sample was collected from an excavation during UST removal activities. Analytical results indicated up to 61,000 ppb
TPHg and 9,620 ppb TPHd. On October 25, 2001, E2C Inc. (E2C) collected soil and grab groundwater samples from five direct -push sampling locations on the site. Sample and analytical results indicated up to 710 ppm TPHg and 170 ppm TPHd in the soil and 120 ppb TPHg and 110,000 ppb TPHd in groundwater.
On October 7 and 8, 2002, E2C installed four groundwater monitoring wells at the site (designated as MW-1, MW-2, MW-3, and MW-7). Analytical results of soil samples collected during the well installations indicated up to 12 ppm TPHg and 645 ppm TPHd. The initial groundwater sample results from the monitoring wells indicated up to 16,230 ppb TPHg, 2,750,000 ppb TPHd, and 83 ppb Benzene. High contaminant concentrations were noted in samples from well MW-3 located in the northeast corner of the property.
On March 26 and 27, 2003, E2C installed four additional groundwater monitoring wells, three offsite to the north across Monroe Street (designated as MW-4, MW-5, and MW-6), and one additional onsite (MW-8). Analytical results from soil samples indicated up to 7.47 ppm TPHg (MW-6, offsite) and less than 1.0 ppm TPHd.
On January 15, 2004, E2C performed an offsite direct-push sampling investigation involving soil and grab groundwater samples collected from five borings (DP-2 through DP-6). Analytical results for soil samples indicated up to 150 ppm TPHg and up to 13 ppm TPHd. Analytical results for grab groundwater samples indicated up to 80,000 ppb TPHg and up to 300,000 ppb TPHd.
E2C advanced six additional onsite direct-push borings (G-1, G-2, G-3, G-4. G-8, and G-9) on March 16 and 17, 2004. Onsite well MW-9 was installed on April 8, 2004. The results of the investigation delineate the on-site souce as the dispenser island.
Vacuum-assisted Groundwater Extraction (VAGE) Tests were performed between April 12 through 17, 2004. The VAGE work is described and documented in E2C's VAGE Test Report, May 3, 2004. Based on September, 2008 groundwater testing, the event provided about a 50 percent reduction in the concentration of fuel-related hydrocarbons at off-site wells MW-4 through MW-6. Subsequent groundwater testing has shown a return to historical values for the contaminants in these wells.

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 1/11/2018

Status: Open - Eligible for Closure
Date : 9/1/2016

Status: Open - Verification Monitoring
Date : 7/16/2015

Status: Open - Site Assessment
Date : 1/11/1995

Status: Open - Case Begin Date
Date : 1/1/1994

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date: 1/11/2018
Received Issue Date: 1/11/2018
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6345391&temptable=ENFORCEMENT
Title Description Comments:

Final Case Closure

Action Type: Response Requested - Reports
Action Date: 11/30/2017
Received Issue Date: 11/30/2017
Action: Well Destruction Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5951334
Title Description Comments:

Well Destruction Report

Action Type: Other Regulatory Actions
Action Date: 9/1/2016
Received Issue Date: 9/1/2016
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6296786&temptable=ENFORCEMENT
Title Description Comments:

Well Destruction Directive

Action Type: Notices
Action Date: 7/1/2016
Received Issue Date: 7/1/2016
Action: Notification - Public Notice of Case Closure
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6290303&temptable=ENFORCEMENT
Title Description Comments:

Comment period ends 9/1/2016

Action Type: Other Regulatory Actions
Action Date: 3/21/2016
Received Issue Date: 3/21/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6279621&temptable=ENFORCEMENT
Title Description Comments:

USTCF Case Review

Action Type: Other Regulatory Actions
Action Date: 7/17/2015
Received Issue Date: 7/17/2015
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6252949&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 6/30/2015
Received Issue Date: 7/13/2015
Action: Well Installation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5834537
Title Description Comments:

Submitted w SA GWM Report

Action Type: Other Regulatory Actions
Action Date: 3/19/2015
Received Issue Date: 3/19/2015
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6239213&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 3/11/2015
Received Issue Date: 3/11/2015
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5834517
Title Description Comments:

Email from consultant re well installations

Action Type: Notices
Action Date: 3/4/2015
Received Issue Date: 3/4/2015
Action: Notice of Responsibility
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6237494&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 1/12/2015
Received Issue Date: 1/12/2015
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6232787&temptable=ENFORCEMENT
Title Description Comments:

LTCP Review

Action Type: Other Regulatory Actions
Action Date: 12/11/2014
Received Issue Date: 12/11/2014
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6230287&temptable=ENFORCEMENT
Title Description Comments:

Out of Compliance

Action Type: Response Requested - Reports
Action Date: 6/13/2014
Received Issue Date: 3/18/2015
Action: Well Installation Report
Doc Link:
Title Description Comments:

rescinded requirement for four off-site monitoring wells. 2 wells will be installed instead

Action Type: Response Requested - Workplans
Action Date: 2/21/2014
Received Issue Date: 2/6/2014
Action: Well Installation Workplan - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5791195
Title Description Comments:

- See 2/11/2014 Directive Letter.

Action Type: Other Regulatory Actions
Action Date: 2/11/2014
Received Issue Date: 2/11/2014
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6191852&temptable=ENFORCEMENT
Title Description Comments:

WP Approval

Action Type: Other Regulatory Actions
Action Date: 1/2/2014
Received Issue Date: 1/2/2014
Action: Email Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6243437&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 12/4/2013
Received Issue Date: 12/4/2013
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6184298&temptable=ENFORCEMENT
Title Description Comments:

SWI Response

Action Type: Other Regulatory Actions
Action Date: 12/2/2013
Received Issue Date: 12/2/2013
Action: Email Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6243439&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 10/18/2013
Received Issue Date: 10/18/2013
Action: Email Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5839621
Title Description Comments:

Email Correspondence

Action Type: Other Regulatory Actions
Action Date: 10/16/2013
Received Issue Date: 10/16/2013
Action: Email Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6243438&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 8/16/2013
Received Issue Date: 8/16/2013
Action: Email Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6243440&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 3/15/2013
Received Issue Date: 11/7/2013
Action: Site Assessment Report - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5757484
Title Description Comments:

Additional Site Assessment Report - See 12/4/2013 directive letter.

Action Type: Other Regulatory Actions
Action Date: 11/15/2012
Received Issue Date: 11/15/2012
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6142924&temptable=ENFORCEMENT
Title Description Comments:

Conditional WP approval

Action Type: Response Requested - Workplans
Action Date: *11/5/2012
Received Issue Date: 11/5/2012
Action: Soil and Water Investigation Workplan - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5743684
Title Description Comments:

Work Plan for Site Assessment and Soil Vapor Assessment

Action Type: Other Regulatory Actions
Action Date: 9/26/2012
Received Issue Date: 9/26/2012
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6138582&temptable=ENFORCEMENT
Title Description Comments:

Letter requesting cooperation for access to off-site property

Action Type: Other Regulatory Actions
Action Date: 7/25/2012
Received Issue Date: 7/25/2012
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6131157&temptable=ENFORCEMENT
Title Description Comments:

Request for Additional Site Assessment and IRAP

Action Type: Response Requested - Other
Action Date: 12/10/2010
Received Issue Date: 12/10/2010
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5921200
Title Description Comments:

State Information 12/10/2010

Action Type: Response Requested - Reports
Action Date: 7/31/2010
Received Issue Date: 6/23/2010
Action: Monitoring Report - Semi-Annually
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5649236
Title Description Comments:

Second quarter semi-annual and annual GWM Report

Action Type: Response Requested - Reports
Action Date: 1/31/2010
Received Issue Date: 12/22/2009
Action: Monitoring Report - Semi-Annually
Doc Link:
Title Description Comments:

Fourth Quarter Semi-Annual Groundwater Monitoring Report

Action Type: Response Requested - Other
Action Date: 1/8/2010
Received Issue Date: 1/7/2010
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5656208
Title Description Comments:

Groundwater Monitoring System Evaluation

Action Type: Other Regulatory Actions
Action Date: 11/25/2009
Received Issue Date: 11/25/2009
Action: Staff Letter - #90025211
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6036490&temptable=ENFORCEMENT
Title Description Comments:

Groundwater Monitoring System Evaluation

Action Type: Other Regulatory Actions
Action Date: 8/24/2009
Received Issue Date: 8/24/2009
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6028305&temptable=ENFORCEMENT
Title Description Comments:

Second quarter semi-annual and Annual GWM reports

Action Type: Other Regulatory Actions
Action Date: 8/24/2009
Received Issue Date: 8/24/2009
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6028304&temptable=ENFORCEMENT
Title Description Comments:

Fourth quarter semi-annual GWM report

Action Type: Notices
Action Date: 7/27/2009
Received Issue Date: 7/27/2009
Action: Notice of Responsibility
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6026258&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 10/12/2006
Received Issue Date: 10/12/2006
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5921189
Title Description Comments:

GW Monitoring Report 10/12/2006 - 03/06/2014

Action Type: Reports
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6321099&temptable=ENFORCEMENT
Title Description Comments:

Map & Metroscan Information 06/03/2005

Action Type: Response Requested - Other
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5921196
Title Description Comments:

Phone Log 06/03/2005

Action Type: Response Requested - Reports
Action Date: 6/21/2004
Received Issue Date: 5/10/2004
Action: Soil and Water Investigation Report
Doc Link:
Title Description Comments:

Soil and Water Investigation Report

Action Type: Response Requested - Reports
Action Date: 6/14/2004
Received Issue Date: 6/14/2004
Action: Remedial Progress Report
Doc Link:
Title Description Comments:

Remedial Progress Report

Action Type: Response Requested - Other
Action Date: 5/3/2004
Received Issue Date: 5/3/2004
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5921181
Title Description Comments:

ESI/DAR (Start Up Reports) 05/03/2004

Action Type: Other Regulatory Actions
Action Date: 3/26/2004
Received Issue Date: 3/26/2004
Action: Staff Letter - #43495
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 1/12/2004
Received Issue Date: 2/5/2004
Action: Soil and Water Investigation Workplan
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan

Action Type: Other Regulatory Actions
Action Date: 12/8/2003
Received Issue Date: 12/8/2003
Action: Staff Letter - #42679
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 11/10/2003
Received Issue Date: 10/7/2003
Action: Soil and Water Investigation Workplan
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan

Action Type: Response Requested - Reports
Action Date: 10/27/2003
Received Issue Date: 2/5/2004
Action: Soil and Water Investigation Report
Doc Link:
Title Description Comments:

Soil and Water Investigation Report

Action Type: Response Requested - Reports
Action Date: 9/30/2003
Received Issue Date: 9/6/2003
Action: Soil and Water Investigation Report
Doc Link:
Title Description Comments:

Soil and Water Investigation Report

Action Type: Other Regulatory Actions
Action Date: 9/19/2003
Received Issue Date: 9/19/2003
Action: Staff Letter - #42197
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 8/29/2003
Received Issue Date: 9/15/2003
Action: Monitoring Report - Quarterly

Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 8/26/2003
Received Issue Date: 8/26/2003
Action: Staff Letter - #42008
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 8/25/2003
Received Issue Date: 8/7/2003
Action: Soil and Water Investigation Workplan
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan

Action Type: Other Regulatory Actions
Action Date: 7/29/2003
Received Issue Date: 7/29/2003
Action: Staff Letter - #41764
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 5/30/2003
Received Issue Date: 5/30/2003
Action: Well Installation Report
Doc Link:
Title Description Comments:

Well Construction Application 05/30/2003 - 08/25/2004

Action Type: Response Requested - Reports
Action Date: 5/30/2003
Received Issue Date: 5/30/2003
Action: Well Installation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5921206
Title Description Comments:

Well Construction Application 05/30/2003 - 08/25/2004

Action Type: Response Requested - Other
Action Date: 5/30/2003
Received Issue Date: 5/30/2003
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5921178
Title Description Comments:

Addendum 05/30/2003

Action Type: Response Requested - Reports
Action Date: 5/23/2003
Received Issue Date: 5/23/2003
Action: Interim Remedial Action Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5921191
Title Description Comments:

Interim Remedial Action Plan 05/23/2003

Action Type: Response Requested - Other
Action Date: 4/7/2003
Received Issue Date: 6/16/2003
Action: Other Report / Document
Doc Link:
Title Description Comments:

Other Type of Submission by RP

Action Type: Other Regulatory Actions
Action Date: 2/27/2003
Received Issue Date: 2/27/2003
Action: Staff Letter - #40879
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 1/24/2003
Received Issue Date: 1/24/2003
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5921184
Title Description Comments:

GW Monitoring Report 01/24/2003 - 07/12/2006

Action Type: Response Requested - Reports
Action Date: 10/21/2002
Received Issue Date: 10/21/2002
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5921202
Title Description Comments:

Soil & Water Investigation Report 10/21/2002 - 08/05/2013

Action Type: Enforcement/Orders
Action Date: 8/28/2002
Received Issue Date: 8/28/2002
Action: Warning Letter - #38557
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 1/30/2002
Received Issue Date: 1/30/2002
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5921194
Title Description Comments:

Miscellaneous Report 01/30/2002

Action Type: Response Requested - Reports
Action Date: 11/19/2001
Received Issue Date: 11/19/2001
Action: Preliminary Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5921199
Title Description Comments:

Preliminary Site Assessnent Report 11/19/2001

Action Type: Response Requested - Workplans
Action Date: 9/17/2001
Received Issue Date: 9/17/2001

Action: Soil and Water Investigation Workplan
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan

Action Type: Other Regulatory Actions
Action Date: 9/11/2001
Received Issue Date: 9/11/2001
Action: Staff Letter - #31303
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 9/11/2001
Received Issue Date: 9/11/2001
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5921207
Title Description Comments:

Work Plan 09/11/2001 - 01/21/2014

Action Type: Enforcement/Orders
Action Date: 12/15/2000
Received Issue Date: 12/15/2000
Action: Warning Letter - #31302
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 2/11/2000
Received Issue Date: 6/16/2003
Action: Soil and Water Investigation Report
Doc Link:
Title Description Comments:

Soil and Water Investigation Report

Action Type: Other Regulatory Actions
Action Date: 12/29/1999
Received Issue Date: 12/29/1999
Action: Staff Letter - #31300
Doc Link:
Title Description Comments:

Action Type: Notices
Action Date: 6/26/1996
Received Issue Date: 6/26/1996
Action: Notice of Responsibility - #40311
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 10/27/1995
Received Issue Date: 10/28/2002
Action: Soil and Water Investigation Report
Doc Link:
Title Description Comments:

Soil and Water Investigation Report

Action Type: Other Regulatory Actions

Action Date: 7/26/1995
Received Issue Date: 7/26/1995
Action: Staff Letter - #31446
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 1/20/1995
Received Issue Date: 1/20/1995
Action: Unauthorized Release Form
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5921203
Title Description Comments:

Unauthorized Release Form 01/20/1995 - 04/06/1999

Action Type: Response Requested - Other
Action Date: 1/1/1995
Received Issue Date: 1/1/1995
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501874&doc_id=5921179
Title Description Comments:

Correspondence 1995 - 2013

Action Type: Response Requested - Reports
Action Date: 11/30/2016
Received Issue Date:
Action: Well Destruction Report
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 1/30/2016
Received Issue Date:
Action: Monitoring Report - Semi-Annually
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 1/20/1995
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 1/19/1995
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 1/19/1995
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action Date: 9/28/2012
Received Issue Date:

Action: Interim Remedial Action Plan
Doc Link:
Title Description Comments:

Interim Remedial Action Plan - Deffered pending results of additional investigation.

LUST Sites from GeoTracker Search - Site Maps (as of May 29, 2021)

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/3713640213/T0608501874.PDF
Size : 151 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted: 7/13/2015

Title: GEO BORE STMW-13 (STMW-13)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7513053655/T0608501874.PDF
Size : 58 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted: 7/13/2015

Title: GEO BORE STMW-12 (STMW-12)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8456690192/T0608501874.PDF
Size : 59 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted: 7/13/2015

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/9748513400/T0608501874.PDF
Size : 79 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted: 3/20/2014

Title: GEO BORE STB-5 (STB-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1578508496/T0608501874.PDF
Size : 60 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted: 11/7/2013

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/5180894374/T0608501874.PDF
Size : 692 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted: 11/7/2013

Title: GEO BORE STB-2 (STB-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9746418058/T0608501874.PDF
Size : 63 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted: 11/7/2013

Title: GEO BORE STB-1 (STB-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6754685878/T0608501874.PDF
Size : 59 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted: 11/7/2013

Title: GEO BORE STB-4 (STB-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6307004809/T0608501874.PDF
Size : 59 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted: 11/7/2013

Title: GEO BORE STB-3 (STB-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8798926651/T0608501874.PDF
Size : 61 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted: 11/7/2013

Title: GEO BORE STB-6 (STB-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6099036514/T0608501874.PDF
Size : 57 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted: 11/7/2013

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 1/11/2018
Type: CLOSURE/NO FURTHER ACTION LETTER
Title: FINAL CASE CLOSURE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6345391
Size :
Submitted By: AARON COSTA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 11/30/2017
Type: WELL DESTRUCTION REPORT
Title: WELL DESTRUCTION REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5951334
Size :
Submitted By: AARON COSTA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 9/1/2016
Type: STAFF LETTER
Title: WELL DESTRUCTION DIRECTIVE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6296786
Size :
Submitted By: AARON COSTA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 7/1/2016
Type: NOTIFICATION - PUBLIC NOTICE OF CASE CLOSURE
Title: COMMENT PERIOD ENDS 9/1/2016
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6290303
Size :
Submitted By: CANDACE GARCIA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 3/21/2016
Type: CLEAN UP FUND - CASE CLOSURE REVIEW SUMMARY REPORT (RSR)
Title: USTCF CASE REVIEW
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6279621
Size :
Submitted By: (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 7/17/2015
Type: STAFF LETTER
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6252949
Size :
Submitted By: CHRIS WIDMANN (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 6/30/2015
Type: MONITORING REPORT - SEMI-ANNUALLY
Title: WI&1ST SAGW 2015 REPORT 6-30-15
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8162943243/T0608501874.PDF
Size : 16,319 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted:

Document Type: Site Documents
Document Date: 3/19/2015
Type: STAFF LETTER
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6239213
Size :
Submitted By: CHRIS WIDMANN (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 3/11/2015
Type: CORRESPONDENCE
Title: EMAIL FROM CONSULTANT RE WELL INSTALLATIONS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5834517
Size :
Submitted By: AARON COSTA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 3/4/2015
Type: NOTICE OF RESPONSIBILITY
Size :
Submitted By: CHRIS WIDMANN (REGULATOR)
Submitted:

Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6237494

Document Type: Site Documents
Document Date: 1/12/2015
Type: STAFF LETTER
Title: LTCP REVIEW
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6232787
Size :
Submitted By: CHRIS WIDMANN (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 12/11/2014
Type: STAFF LETTER
Title: OUT OF COMPLIANCE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6230287
Size :
Submitted By: CHRIS WIDMANN (REGULATOR)
Submitted:

Document Type: Monitoring Reports
Document Date: 12/9/2014
Type: MONITORING REPORT - SEMI-ANNUALLY
Title: 2ND SAGW 2014 REPORT 12-09-14
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9926607251/T0608501874.PDF
Size : 4,422 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted:

Document Type: Site Documents
Document Date: 4/29/2014
Type: OTHER REPORT / DOCUMENT
Title: NEIGHBORS' PROPERTIES ACCESS REQUEST LETTERS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4657976269/T0608501874.PDF
Size : 1,235 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted:

Document Type: Monitoring Reports
Document Date: 4/28/2014
Type: MONITORING REPORT - SEMI-ANNUALLY
Title: 1ST SEMI-ANNUAL 2014 GROUNDWATER MONITORING 4-28-14
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7042774975/T0608501874.PDF
Size : 4,251 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted:

Document Type: Monitoring Reports
Document Date: 3/6/2014
Type: MONITORING REPORT - SEMI-ANNUALLY
Title: 2ND SAGW 2013 REPORT 3-06-14
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5386254489/T0608501874.PDF
Size : 5,013 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted:

Document Type: Site Documents
Document Date: 2/11/2014
Type: STAFF LETTER
Title: WP APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6191852
Size :
Submitted By: CHRIS WIDMANN (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 1/21/2014
Type: WELL INSTALLATION WORKPLAN
Title: WORK PLAN FOR WELL INSTALLATION 1-21-14
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1690179049/T0608501874.PDF
Size : 3,846 KB
Submitted By: FRANK HAMEDI (AUTH_RP)
Submitted:

Document Type: Site Documents
Document Date: 1/2/2014
Type: EMAIL CORRESPONDENCE
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6243437
Size :
Submitted By: CHRIS WIDMANN (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 12/4/2013
Type: STAFF LETTER
Title: SWI RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6184298
Size :
Submitted By: CHRIS WIDMANN (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 12/2/2013
Type: EMAIL CORRESPONDENCE
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6243439
Size :
Submitted By: CHRIS WIDMANN (REGULATOR)
Submitted:

Document Type: Site Documents **Size :**
Document Date: 10/18/2013 **Submitted By:** CHRIS WIDMANN (REGULATOR)
Type: EMAIL CORRESPONDENCE **Submitted:**
Title: EMAIL CORRESPONDENCE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5839621

Document Type: Site Documents **Size :**
Document Date: 10/16/2013 **Submitted By:** CHRIS WIDMANN (REGULATOR)
Type: EMAIL CORRESPONDENCE **Submitted:**
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6243438

Document Type: Site Documents **Size :**
Document Date: 8/16/2013 **Submitted By:** CHRIS WIDMANN (REGULATOR)
Type: EMAIL CORRESPONDENCE **Submitted:**
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6243440

Document Type: Site Documents **Size :** 5,593 KB
Document Date: 8/2/2013 **Submitted By:** FRANK HAMEDI (AUTH_RP)
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Title: SOIL & GROUNDWATER INVESTIGATION REPORT 8-02-13
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1206178188/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 5,690 KB
Document Date: 2/8/2013 **Submitted By:** TIM TYLER (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Title: SECOND SEMI-ANNUAL 2012 GW MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7970735073/T0608501874.PDF

Document Type: Site Documents **Size :**
Document Date: 11/15/2012 **Submitted By:** CHRIS WIDMANN (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: CONDITIONAL WP APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6142924

Document Type: Site Documents **Size :** 2,474 KB
Document Date: 11/5/2012 **Submitted By:** TIM TYLER (AUTH_RP)
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Title: WORK PLAN FOR ADDITIONAL SITE ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3323255419/T0608501874.PDF

Document Type: Site Documents **Size :**
Document Date: 9/26/2012 **Submitted By:** CHRIS WIDMANN (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: LETTER REQUESTING COOPERATION FOR ACCESS TO OFF-SITE PROPERTY
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6138582

Document Type: Monitoring Reports **Size :** 2,312 KB
Document Date: 9/14/2012 **Submitted By:** TIM TYLER (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Title: SEMI-ANNUAL 2012 GW MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7446000576/T0608501874.PDF

Document Type: Site Documents **Size :**
Document Date: 7/25/2012 **Submitted By:** CHRIS WIDMANN (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: REQUEST FOR ADDITIONAL SITE ASSESSMENT AND IRAP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6131157

Document Type: Monitoring Reports **Size :** 3,651 KB
Document Date: 1/25/2012 **Submitted By:** TIM TYLER (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Title: SECOND SEMI-ANNUAL 2011 GW MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7736998796/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 5,877 KB
Document Date: 7/20/2011* **Submitted By:** TIM TYLER (AUTH_RP)

Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Title: FIRST SEMI-ANNUAL 2011 GW MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8706919372/T0608501874.PDF

Document Type: Site Documents **Size :**
Document Date: 12/10/2010 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: STATE INFORMATION 12/10/2010
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5921200

Document Type: Monitoring Reports **Size :** 4,005 KB
Document Date: 6/23/2010 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Title: 2Q 2010 SEMIANNUAL MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8464807093/T0608501874.PDF

Document Type: Site Documents **Size :** 1,784 KB
Document Date: 1/7/2010 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: OPERATION AND MAINTENANCE PLAN/MONITORING REPORT **Submitted:**
Title: MONITORING WELL EVALUATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2862189054/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 2,595 KB
Document Date: 1/4/2010* **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Title: 4Q 09 SMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6786917448/T0608501874.PDF

Document Type: Site Documents **Size :**
Document Date: 11/25/2009 **Submitted By:** KRISTI CONG (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: GROUNDWATER MONITORING SYSTEM EVALUATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6036490

Document Type: Site Documents **Size :**
Document Date: 8/24/2009 **Submitted By:** KRISTI CONG (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: SECOND QUARTER SEMI-ANNUAL AND ANNUAL GWM REPORTS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6028305

Document Type: Site Documents **Size :**
Document Date: 8/24/2009 **Submitted By:** KRISTI CONG (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: FOURTH QUARTER SEMI-ANNUAL GWM REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6028304

Document Type: Site Documents **Size :**
Document Date: 7/27/2009 **Submitted By:** KRISTI CONG (REGULATOR)
Type: NOTICE OF RESPONSIBILITY **Submitted:**
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6026258

Document Type: Monitoring Reports **Size :** 4,494 KB
Document Date: 6/22/2009* **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 2Q 2009 QMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4388490974/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 2,521 KB
Document Date: 4/2/2009* **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 1Q 2009 QMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2125619053/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 6,100 KB
Document Date: 12/30/2008* **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: Q4 08 QMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6469750523/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 3,381 KB
Document Date: 10/3/2008 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 3Q 08 QMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2841509759/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 3,360 KB
Document Date: 6/30/2008 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 2Q 2008 QMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2133715569/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 2,857 KB
Document Date: 1/3/2008 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 4Q 07 QMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9747502207/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 2,873 KB
Document Date: 10/9/2007 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: THIRD QUARTER 2007 QMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7890318155/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 2,873 KB
Document Date: 10/2/2007 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: THIRD QUARTER 2007 QMR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5765699625/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 2,470 KB
Document Date: 8/21/2007 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: SECOND QUARTER 2007
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6397646844/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 3,173 KB
Document Date: 6/28/2007 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: SECOND QUARTER 2007
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7844273209/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 2,501 KB
Document Date: 5/25/2007 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: FIRST QUARTER 2007
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4589970469/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 13,498 KB
Document Date: 5/17/2007 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 2QUARTER 2006
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3258619546/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 7,377 KB
Document Date: 5/17/2007 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 4Q 2005
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2212269425/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 2,575 KB
Document Date: 5/17/2007 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 3 QUARTER 2006
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1841795206/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 2,310 KB
Document Date: 5/10/2007 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: FOURTH QUARTER 2006
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8107847452/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 2,501 KB
Document Date: 5/10/2007 **Submitted By:** GROUNDWATER CLEANERS, INC. (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: FIRST QUARTER 2007
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2717776238/T0608501874.PDF

Document Type: Monitoring Reports **Size :** 2,470 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2007%2D06%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 2,491 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2007%2D12%2D28%2Epdf

Document Type: Monitoring Reports **Size :** 2,540 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2009%2D06%2D12%2Epdf

Document Type: Monitoring Reports **Size :** 2,303 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2012%2D09%2D11%2Epdf

Document Type: Monitoring Reports **Size :** 2,644 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2009%2D12%2D18%2Epdf

Document Type: Monitoring Reports **Size :** 2,548 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2007%2D03%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 5,642 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2008%2D12%2D26%2Epdf

Document Type: Monitoring Reports **Size :** 2,501 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2008%2D03%2D28%2Epdf

Document Type: Monitoring Reports **Size :** 2,566 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2009%2D03%2D26%2Epdf

Document Type: Monitoring Reports **Size :** 2,529 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2007%2D09%2D25%2Epdf

Document Type: Monitoring Reports **Size :** 5,109 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2014%2D03%2D06%2Epdf

Document Type: Monitoring Reports **Size :** 3,625 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2012%2D01%2D25%2Epdf

Document Type: Monitoring Reports **Size :** 2,575 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2006%2D10%2D12%2Epdf

Document Type: Monitoring Reports **Size :** 5,897 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2011%2D07%2D20%2Epdf

Document Type: Monitoring Reports **Size :** 2,639 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2010%2D06%2D16%2Epdf

Document Type: Monitoring Reports **Size :** 5,673 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2013%2D02%2D08%2Epdf

Document Type: Monitoring Reports **Size :** 2,443 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2008%2D06%2D27%2Epdf

Document Type: Monitoring Reports **Size :** 2,304 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2010%2D12%2D24%2Epdf

Document Type: Monitoring Reports **Size :** 2,355 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2006%2D12%2D22%2Epdf

Document Type: Monitoring Reports **Size :** 2,904 KB
Document Date: 10/12/2006 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 10/12/2006 - 03/06/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4146534800/GWM%5FR%5F2008%2D09%2D26%2Epdf

Document Type: Site Documents **Size :**
Document Date: 6/3/2005 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT **Submitted:**
Title: MAP & METROSCAN INFORMATION 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&enforcement_id=6321099

Document Type: Site Documents **Size :**
Document Date: 6/3/2005 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: PHONE LOG 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5921196

Document Type: Site Documents **Size :**
Document Date: 5/3/2004 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: ESI/DAR (START UP REPORTS) 05/03/2004
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5921181

Document Type: Site Documents **Size :**
Document Date: 5/30/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: ADDENDUM 05/30/2003
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5921178

Document Type: Site Documents **Size :**
Document Date: 5/30/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: WELL INSTALLATION REPORT **Submitted:**
Title: WELL CONSTRUCTION APPLICATION 05/30/2003 - 08/25/2004
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5921206

Document Type: Site Documents **Size :**
Document Date: 5/23/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: INTERIM REMEDIAL ACTION REPORT **Submitted:**
Title: INTERIM REMEDIAL ACTION PLAN 05/23/2003
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5921191

Document Type: Monitoring Reports **Size :** 14,035 KB
Document Date: 1/24/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -

Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2006%2D01%2D12%2Epdf

Document Type: Monitoring Reports **Size :** 2,576 KB
Document Date: 1/24/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2005%2D01%2D26%2Epdf

Document Type: Monitoring Reports **Size :** 1,764 KB
Document Date: 1/24/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2004%2D05%2D04%2Epdf

Document Type: Monitoring Reports **Size :** 14,364 KB
Document Date: 1/24/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2006%2D04%2D12%2Epdf

Document Type: Monitoring Reports **Size :** 10,800 KB
Document Date: 1/24/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2005%2D08%2D08%2Epdf

Document Type: Monitoring Reports **Size :** 1,778 KB
Document Date: 1/24/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2004%2D02%2D04%2Epdf

Document Type: Monitoring Reports **Size :** 13,498 KB
Document Date: 1/24/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2006%2D07%2D12%2Epdf

Document Type: Monitoring Reports **Size :** 1,591 KB
Document Date: 1/24/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2003%2D05%2D15%2Epdf

Document Type: Monitoring Reports **Size :** 2,770 KB
Document Date: 1/24/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2004%2D10%2D11%2Epdf

Document Type: Monitoring Reports **Size :** 1,795 KB
Document Date: 1/24/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2004%2D07%2D28%2Epdf

Document Type: Monitoring Reports **Size :** 785 KB
Document Date: 1/24/2003 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -

Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2004%2D01%2D16%2Epdf

Document Type: Monitoring Reports — **Size :** 2,110 KB
Document Date: 1/24/2003 — **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY — **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2003%2D01%2D24%2Epdf

Document Type: Monitoring Reports — **Size :** 1,548 KB
Document Date: 1/24/2003 — **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY — **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2003%2D10%2D30%2Epdf

Document Type: Monitoring Reports — **Size :** 1,148 KB
Document Date: 1/24/2003 — **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY — **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2004%2D03%2D29%2Epdf

Document Type: Monitoring Reports — **Size :** 7,377 KB
Document Date: 1/24/2003 — **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY — **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2005%2D07%2D08%2Epdf

Document Type: Monitoring Reports — **Size :** 17,961 KB
Document Date: 1/24/2003 — **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY — **Submitted:**
Title: GW MONITORING REPORT 01/24/2003 - 07/12/2006 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/2056563436/GWM%5FR%5F2005%2D10%2D08%2Epdf

Document Type: Site Documents — **Size :**
Document Date: 10/21/2002 — **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: SOIL AND WATER INVESTIGATION REPORT — **Submitted:**
Title: SOIL & WATER INVESTIGATION REPORT 10/21/2002 - 08/05/2013
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5921202

Document Type: Site Documents — **Size :**
Document Date: 1/30/2002 — **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT — **Submitted:**
Title: MISCELLANEOUS REPORT 01/30/2002
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5921194

Document Type: Site Documents — **Size :**
Document Date: 11/19/2001 — **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: PRELIMINARY SITE ASSESSMENT REPORT — **Submitted:**
Title: PRELIMINARY SITE ASSESSNENT REPORT 11/19/2001
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5921199

Document Type: Site Documents — **Size :**
Document Date: 9/11/2001 — **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER WORKPLAN — **Submitted:**
Title: WORK PLAN 09/11/2001 - 01/21/2014
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5921207

Document Type: Site Documents — **Size :**
Document Date: 1/20/1995 — **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: UNAUTHORIZED RELEASE FORM — **Submitted:**
Title: UNAUTHORIZED RELEASE FORM 01/20/1995 - 04/06/1999
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5921203

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Site Documents
Document Date: 1/1/1995
Type: CORRESPONDENCE
Title: CORRESPONDENCE 1995 - 2013
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501874&document_id=5921179
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
59	1 of 2	W	0.49 / 2,593.87	74.68 / -1	Chevron #9-1600 2325 El Camino Real Santa Clara CA	LOP SANTACLARA

SCVWD ID: 07S1W03E02f
Closure Date: 12/19/2002
Link: http://lustop.sccgov.org/files/07S1W03E02f/

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
59	2 of 2	W	0.49 / 2,593.87	74.68 / -1	CHEVRON #9-1600 2325 EL CAMINO REAL SANTA CLARA CA 95050	LUST

Global ID: T0608501828
Status: COMPLETED - CASE CLOSED
Status Date: 12/19/2002
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: SANTA CLARA
Latitude: 37.3526586895781
Longitude: -121.965215206146

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 1/1/1989
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: YES
Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 41-45%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date : 1/20/2012
Action: Other Report / Document

Action Type: RESPONSE
Date : 6/3/2005
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 6/3/2005
Action: Other Report

Action Type: RESPONSE
Date : 9/10/1999
Action: Site Assessment Report

Action Type: RESPONSE
Date : 7/30/1999
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 6/15/1999
Action: Staff Letter - #23412

Action Type: RESPONSE
Date : 11/5/1990
Action: Well Destruction Report

Action Type: RESPONSE
Date : 2/22/1990
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 12/18/1989
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 12/17/1989
Action: Unauthorized Release Form

Action Type: RESPONSE
Date : 8/31/1989
Action: Other Report / Document

Action Type: RESPONSE
Date : 8/9/1989
Action: Other Workplan

Action Type: REMEDIATION
Date : 6/5/1989
Action: Excavation

Action Type: RESPONSE
Date : 1/1/1989
Action: Correspondence

Action Type: Other
Date : 1/1/1989
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 12/19/2002

Status: Open - Site Assessment
Status Date: 11/1/1989

Status: Open - Site Assessment
Status Date: 8/9/1989

Status: Open - Case Begin Date
Status Date: 1/1/1989

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	CHEVRON #9-1600	***Potential COC:***	GASOLINE
Site Facility Type:	LUST CLEANUP SITE	***Facility Type:***	
Cleanup Status:	COMPLETED - CASE CLOSED	***Composting Method:***	
Project Status:		***Address:***	2325 EL CAMINO REAL
WDR Place Type:		***City:***	SANTA CLARA
WDR File:		***Zip:***	95050
WDR Order:		***County:***	SANTA CLARA
CUF Priority Assig:	D	***CUF Claim:***	5898
CUF Amount Paid:	$155,531		

File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608501828
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 12/19/2002
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608501828&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03E02f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 12/19/2002

Status: Open - Site Assessment
Date : 11/1/1989

Status: Open - Site Assessment
Date : 8/9/1989

Status: Open - Case Begin Date
Date : 1/1/1989

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type:	EXCAVATION	***Begin Date:***	6/5/1989
Phase:		***End Date:***	7/15/1989
Contaminant Mass Removed:			
Description:			

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Other
Action Date: 1/20/2012
Received Issue Date: 1/20/2012
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501828&doc_id=5927413
Title Description Comments:

State Information 01/20/2012

Action Type: Reports
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501828&enforcement_id=6324314&temptable=ENFORCEMENT
Title Description Comments:

Map & Metroscan Information 06/03/2005

Action Type: Response Requested - Other
Action Date: 6/3/2005
Received Issue Date: 6/3/2005
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501828&doc_id=5927411
Title Description Comments:

Phone Log 06/03/2005

Action Type: Response Requested - Reports
Action Date: 9/10/1999
Received Issue Date: 9/10/1999
Action: Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501828&doc_id=5927412
Title Description Comments:

Site Summary 09/10/1999

Action Type: Response Requested - Reports
Action Date: 7/30/1999
Received Issue Date: 9/15/1999
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 6/15/1999
Received Issue Date: 6/15/1999
Action: Staff Letter - #23412
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 11/5/1990
Received Issue Date: 11/5/1990
Action: Well Destruction Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501828&doc_id=5927416
Title Description Comments:

Well Abandonment/Destruction 11/05/1990 - 12/16/2002

Action Type: Response Requested - Reports
Action Date: 2/22/1990
Received Issue Date: 2/22/1990
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501828&doc_id=5927408
Title Description Comments:

GW Monitoring Report 02/22/1990 - 08/05/1999

Action Type: Response Requested - Reports
Action Date: 12/18/1989
Received Issue Date: 12/18/1989
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501828&doc_id=5927414
Title Description Comments:

Soil & Water Investigation Report 12/18/1989 - 08/07/1990

Action Type: Response Requested - Other
Action Date: 12/17/1989
Received Issue Date: 12/17/1989
Action: Unauthorized Release Form
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501828&doc_id=5927415
Title Description Comments:

Unauthorized Release Form 12/17/1989

Action Type: Response Requested - Other
Action Date: 8/31/1989
Received Issue Date: 8/31/1989
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501828&doc_id=5927409
Title Description Comments:

Miscellaneous Sample Results 08/31/1989 - 03/05/1991

Action Type: Response Requested - Workplans
Action Date: 8/9/1989
Received Issue Date: 8/9/1989
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501828&doc_id=5927417
Title Description Comments:

Work Plan 08/09/1989 - 02/25/1999

Action Type: Response Requested - Other
Action Date: 1/1/1989
Received Issue Date: 1/1/1989
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608501828&doc_id=5927407
Title Description Comments:

Correspondence 1989

Action Type: Cleanup Action
Action Date: 6/5/1989
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 1/1/1989
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents **Size :**
Document Date: 1/20/2012 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: STATE INFORMATION 01/20/2012
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501828&document_id=5927413

Document Type: Site Documents **Size :** 2,156 KB
Document Date: 10/4/2007 **Submitted By:** CYNTHIA MANA-AY (REGULATOR)
Type: LETTER **Submitted:**
Title: CLOSURE LETTER & SITE CLOSURE SUMMARY
Title Link: https://geotracker.waterboards.ca.gov/site_documents/5888020157/CLOS%5FL%5F2002%2D12%2D19%2Epdf

Document Type: Site Documents **Size :**
Document Date: 6/3/2005 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT / DOCUMENT **Submitted:**
Title: PHONE LOG 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501828&document_id=5927411

Document Type: Site Documents **Size :**
Document Date: 6/3/2005 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: OTHER REPORT **Submitted:**
Title: MAP & METROSCAN INFORMATION 06/03/2005
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501828&enforcement_id=6324314

Document Type: Site Documents **Size :**
Document Date: 9/10/1999 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: SITE ASSESSMENT REPORT **Submitted:**
Title: SITE SUMMARY 09/10/1999
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501828&document_id=5927412

Document Type: Site Documents **Size :**
Document Date: 11/5/1990 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: WELL DESTRUCTION REPORT **Submitted:**
Title: WELL ABANDONMENT/DESTRUCTION 11/05/1990 - 12/16/2002
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501828&document_id=5927416

Document Type: Monitoring Reports **Size :** 1,467 KB
Document Date: 2/22/1990 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 02/22/1990 - 08/05/1999 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1850174427/GWM%5FR%5F1991%2D02%2D14%2Epdf

Document Type: Monitoring Reports **Size :** 2,110 KB
Document Date: 2/22/1990 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 02/22/1990 - 08/05/1999 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1850174427/GWM%5FR%5F1999%2D08%2D05%2Epdf

Document Type: Monitoring Reports **Size :** 905 KB
Document Date: 2/22/1990 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 02/22/1990 - 08/05/1999 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1850174427/GWM%5FR%5F1990%2D02%2D22%2Epdf

Document Type: Monitoring Reports **Size :** 1,572 KB
Document Date: 2/22/1990 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 02/22/1990 - 08/05/1999 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1850174427/GWM%5FR%5F1990%2D11%2D19%2Epdf

Document Type: Monitoring Reports **Size :** 2,021 KB
Document Date: 2/22/1990 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITORING REPORT 02/22/1990 - 08/05/1999 -

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1850174427/GWM%5FR%5F1990%2D04%2D30%2Epdf

Document Type: Site Documents
Document Date: 12/18/1989
Type: SOIL AND WATER INVESTIGATION REPORT
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:
Title: SOIL & WATER INVESTIGATION REPORT 12/18/1989 - 08/07/1990
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501828&document_id=5927414

Document Type: Site Documents
Document Date: 12/17/1989
Type: UNAUTHORIZED RELEASE FORM
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:
Title: UNAUTHORIZED RELEASE FORM 12/17/1989
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501828&document_id=5927415

Document Type: Site Documents
Document Date: 8/31/1989
Type: OTHER REPORT / DOCUMENT
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:
Title: MISCELLANEOUS SAMPLE RESULTS 08/31/1989 - 03/05/1991
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501828&document_id=5927409

Document Type: Site Documents
Document Date: 8/9/1989
Type: OTHER WORKPLAN
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:
Title: WORK PLAN 08/09/1989 - 02/25/1999
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501828&document_id=5927417

Document Type: Site Documents
Document Date: 1/1/1989
Type: CORRESPONDENCE
Size :
Submitted By: MICHAEL SCHUSTER (REGULATOR)
Submitted:
Title: CORRESPONDENCE 1989
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608501828&document_id=5927407

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
60	1 of 2	W	0.49 / 2,596.75	74.18 / -1	ARCO #0606 2320 El Camino Real Santa Clara CA	LOP SANTACLARA

SCVWD ID: 07S1W03M01f
Closure Date: 1/30/1997
Link: http://lustop.sccgov.org/files/07S1W03M01f/

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
60	2 of 2	W	0.49 / 2,596.75	74.18 / -1	ARCO #0606 2320 EL CAMINO REAL SANTA CLARA CA 95050	LUST

Global ID: T0608500171
Status: COMPLETED - CASE CLOSED
Status Date: 1/30/1997
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: SANTA CLARA
Latitude: 37.352072
Longitude: -121.965113

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No:
Begin Date: 6/17/1988
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: NO
Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: UST
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)

DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
Calenviroscreen Score: 21-25%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date : 1/30/1997
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 1/30/1997
Action: Closure/No Further Action Letter

Action Type: RESPONSE
Date : 5/28/1996
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 5/24/1996
Action: Staff Letter - #23110

Action Type: ENFORCEMENT
Date : 2/6/1992
Action: Notice of Responsibility - #39607

Action Type: Other
Date : 8/2/1988
Action: Leak Reported

Action Type: REMEDIATION
Date : 6/17/1988
Action: Excavation

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
Email:
Phone No: 4089183400

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 1/30/1997

Status: Open - Site Assessment
Status Date: 7/15/1988

Status: Open - Site Assessment
Status Date: 6/17/1988

Status: Open - Case Begin Date
Status Date: 6/17/1988

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: ARCO #0606
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 2320 EL CAMINO REAL
City: SANTA CLARA
Zip: 95050
County: SANTA CLARA
CUF Claim:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608500171
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 1/30/1997
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608500171&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD)
CASEWORKER: UST CASE WORKER
SAN FRANCISCO BAY RWQCB (REGION 2)
CASEWORKER: Regional Water Board
SANTA CLARA VALLEY WATER DISTRICT - CASE #: 07S1W03M01f
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 1/30/1997

Status: Open - Site Assessment
Date : 7/15/1988

Status: Open - Case Begin Date
Date : 6/17/1988

Status: Open - Site Assessment
Date : 6/17/1988

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: EXCAVATION
Phase:
Contaminant Mass Removed:
Description:
Begin Date: 6/17/1988
End Date: 2/3/1997

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Other
Action Date: 1/30/1997
Received Issue Date: 1/30/1997
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608500171&doc_id=5831269
Title Description Comments:

SCVWD Electronic Files

Action Type: Other Regulatory Actions
Action Date: 1/30/1997
Received Issue Date: 1/30/1997
Action: Closure/No Further Action Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500171&enforcement_id=6236592&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 5/28/1996
Received Issue Date: 5/28/1996
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 5/24/1996
Received Issue Date: 5/24/1996
Action: Staff Letter - #23110
Doc Link:
Title Description Comments:

Action Type: Notices
Action Date: 2/6/1992
Received Issue Date: 2/6/1992
Action: Notice of Responsibility - #39607
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 8/2/1988
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date: 6/17/1988
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 1/30/1997
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500171&enforcement_id=6236592

Document Type: Site Documents
Document Date: 1/30/1997
Size :
Submitted By: COUNTY OF SANTA CLARA STUDENT INTERN (REGULATOR)
Type: OTHER REPORT / DOCUMENT
Submitted:
Title: SCVWD ELECTRONIC FILES - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608500171&document_id=5831269

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
61	1 of 3	ENE	0.50 / 2,625.20	64.05 / -11	Amarach 1640 Lafayette St Santa Clara CA	LOP SANTACLARA

SCVWD ID: 07S1W02D06f
Closure Date:
Link: http://lustop.sccgov.org/files/07S1W02D06f/

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
61	2 of 3	ENE	0.50 / 2,625.20	64.05 / -11	AMARACH 1640 LAFAYETTE ST. SANTA CLARA CA 95050	LUST

Global ID: T0608594421
Status: OPEN - ELIGIBLE FOR CLOSURE
Status Date: 6/30/2020
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites & Military UST Site from GeoTracker Project Search Results Export; LUST Cleanup Sites & Military UST Site from GeoTracker Cleanup Sites Data Download
County: SANTA CLARA
Latitude: 37.3560700223024
Longitude: -121.946740150452

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 14-769
Local Case No: 07S1W02D06f
Begin Date: 7/10/1985
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
CUF Case: YES
Potential COC: Gasoline
How Discovered: * SA
Stop Method: Close and Remove Tank
Stop Description: UST closed in place in 1985 - specific date unknown
Case Worker: TLF
File Location: All Files are on GeoTracker or in the Local Agency Database

Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Severely Disadvantaged Community
Calenviroscreen Score: 76-80%
Site History:

In January 1985, Mr. Russell Thornhill with Valley Rockery Inc. contacted the Santa Clara Fire Department regarding removal/decommissioning of the empty and unused 1,000-gallon gasoline UST located partially under the current building. A letter dated January 31, 1985 from the City of Santa Clara Fire Department signed by Richard Peterson, Deputy Fire Marshal and Bill Gianatasio, Fire Marshal, stated that "waiver of U.F.C. Section 79.113(e) (Tank Removal) will be granted, provided compliance with Local Ordinance #1490 is met." The letter also indicated that Valley Rockery had thirty days to submit a letter of intent and 90 days to complete the required work. In a letter dated February 11, 1985, Mr. Thornhill indicated that Valley Rockery would obtain the required soil samples. On April 26, 1985, one exploratory boring was advanced to a depth of 21.5 feet below ground surface (bgs) immediately north of the UST. One soil sample was collected from a depth of 15 feet bgs and submitted for analysis. The sample was analyzed for benzene, toluene, ethylbenzene and total xylenes (BTEX), and the other sample was analyzed for total hydrocarbons and reported concentrations of BTEX at 0.0312 milligrams per kilogram (mg/kg), 0.5992 mg/kg, 2.213 mg/kg, and 1.081 mg/kg, respectively. Groundwater was not encountered during the investigation. AEI performed a subsurface investigation at the subject property on August 25, 2006. Four (4) soil borings (SB-1, SB-2, SB-3, and SB-4) were advanced in the area of the UST, which was located under a landscaped area between the driveway and the building. Soil boring SB-1encountered the north end of the UST at a depth of five (5) feet bgs. The locations of these soil borings are shown on Figure 2, "Site Plan" and Figure 3, "Detailed Site Plan". The results of TPH-g analyses on soil samples collected from borings SB-2 through SB-4 ranged from 34 mg/kg (SB3-10) to 8,500 mg/kg (SB2-8.5). The results of TPH-d analyses ranged from 2.0 mg/kg (SB3-10) to 1,800 mg/kg (SB2-8.5). The results of TPH-mo analyses ranged from ND<5.0 mg/kg (SB3-10 and SB4-8) to ND<250 mg/kg (SB2-8.5). Analysis by Method 8021B found no detectable concentrations of methyl tertiary butyl ether (MTBE) at reporting limits of 0.50 mg/kg (SB3-10 and SB4-8) and elevated reporting limit of 50 mg/kg in boring SB2-8.5. Grab groundwater samples were collected from the borings and reported to have maximum concentrations of 240,000 ppb TPHg, 140,000 ppb TPHd, 22,000 ppb Benzene, 25,000 ppb Toluene, 5,000 ppb Ethylbenzene, 23,000 ppb xylenes, and 1,000 ppb MtBE (EPA Method No. 8021B). 12/06 additional 9 soil borings (SB5-SB13) were advanced onsite. TPH-g was reported at concentrations ranging from 23 mg/kg (SB-5-10) to 190 mg/kg (SB-7- 9.5). TPH-d was reported at concentrations ranging from 5.5 mg/kg (SB-5-10) to 57 mg/kg (SB-7-9.5). Analysis by Method 8021B found no detectable concentrations of MTBE at or above reporting limits ranging from 0.50 mg/kg (SB3-10 and SB4-8) to 50 mg/kg (SB2-8.5). The maximum concentrations of BTEX reported were 0.42 mg/kg (SB-10-10), 0.69 mg/kg (SB-7-9.5), 0.079 mg/kg (SB-10-10), and 0.12 mg/kg (SB-10-10), respectively. Light non-aqueous phase liquid (LNAPL) was seen in the groundwater grab samples from borings SB-7 and SB-10. LNAPL sheen was seen on the sampler in soil boring SB-5 at a depth of 12 feet bgs. 8/07 - 4 monitoring wells were installed and groundwater monitoring began.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE

Date : 12/4/2020
Action: Well Destruction Report

Action Type: ENFORCEMENT
Date : 9/2/2020
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 6/25/2020
Action: Notification - Public Notice of Case Closure

Action Type: RESPONSE
Date : 12/12/2019
Action: Site Assessment Report

Action Type: ENFORCEMENT
Date : 10/21/2019
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 9/23/2019
Action: Notice to Comply

Action Type: REMEDIATION
Date : 1/1/2019
Action: Excavation

Action Type: ENFORCEMENT
Date : 9/10/2018
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Action Type: RESPONSE
Date : 6/29/2018
Action: Tank Removal Report / UST Sampling Report - Regulator Responded

Action Type: RESPONSE
Date : 2/16/2018
Action: Soil and Water Investigation Report - Regulator Responded

Action Type: ENFORCEMENT
Date : 2/15/2018
Action: Staff Letter

Action Type: RESPONSE
Date : 1/26/2018
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Action Type: ENFORCEMENT
Date : 12/15/2017
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 12/12/2017
Action: Staff Letter

Action Type: RESPONSE
Date : 11/7/2017
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Action Type: RESPONSE
Date : 9/15/2017
Action: Soil and Water Investigation Report

Action Type: ENFORCEMENT
Date : 7/26/2017
Action: Email Correspondence

Action Type: ENFORCEMENT
Date : 6/13/2017

Action: Email Correspondence

Action Type: ENFORCEMENT
Date : 4/26/2017
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 2/22/2017
Action: Staff Letter

Action Type: RESPONSE
Date : 2/15/2017
Action: Site Investigation Workplan - Regulator Responded

Action Type: RESPONSE
Date : 2/15/2017
Action: Soil and Water Investigation Workplan - Regulator Responded

Action Type: RESPONSE
Date : 1/30/2017
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 12/15/2016
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 11/30/2016
Action: Letter - Notice

Action Type: RESPONSE
Date : 11/30/2016
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 11/30/2016
Action: CAP/RAP - Feasibility Study Report

Action Type: RESPONSE
Date : 11/29/2016
Action: Correspondence

Action Type: ENFORCEMENT
Date : 11/10/2016
Action: Staff Letter

Action Type: RESPONSE
Date : 1/29/2016
Action: Email Correspondence

Action Type: ENFORCEMENT
Date : 6/25/2015
Action: Email Correspondence

Action Type: ENFORCEMENT
Date : 5/29/2015
Action: Email Correspondence

Action Type: ENFORCEMENT
Date : 2/10/2015
Action: Notice to Comply

Action Type: RESPONSE
Date : 1/30/2015
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 1/10/2015
Action: CAP/RAP - Feasibility Study Report

Action Type: RESPONSE
Date : 10/30/2014
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 9/10/2014
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 8/13/2014
Action: Staff Letter

Action Type: RESPONSE
Date : 7/30/2014
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 7/14/2014
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 4/30/2014
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 2/10/2014
Action: Correspondence

Action Type: ENFORCEMENT
Date : 2/10/2014
Action: Staff Letter

Action Type: RESPONSE
Date : 1/30/2014
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 11/1/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Action Type: ENFORCEMENT
Date : 9/30/2013
Action: Staff Letter

Action Type: RESPONSE
Date : 8/5/2013
Action: Correspondence - Regulator Responded

Action Type: ENFORCEMENT
Date : 7/2/2013
Action: Notice of Violation

Action Type: RESPONSE
Date : 9/21/2012
Action: Correspondence

Action Type: ENFORCEMENT
Date : 8/9/2012
Action: Staff Letter

Action Type: RESPONSE
Date : 1/10/2011
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 12/7/2010
Action: Staff Letter

Action Type: RESPONSE
Date : 10/30/2009
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 9/30/2009
Action: Well Installation Report

Action Type: RESPONSE
Date : 9/29/2009
Action: Pilot Study/ Treatability Report

Action Type: RESPONSE
Date : 7/30/2009
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 6/30/2009
Action: CAP/RAP - Other Report

Action Type: RESPONSE
Date : 6/29/2009
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 5/27/2009
Action: Warning Letter

Action Type: RESPONSE
Date : 4/30/2009
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 3/31/2009
Action: Remedial Progress Report

Action Type: RESPONSE
Date : 1/30/2009
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 1/16/2009
Action: Staff Letter - #01/16/2009

Action Type: RESPONSE
Date : 10/30/2008
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 10/16/2008
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 9/5/2008
Action: Staff Letter

Action Type: RESPONSE
Date : 7/30/2008
Action: Monitoring Report - Quarterly

Action Type: RESPONSE
Date : 7/1/2008
Action: Other Report / Document

Action Type: RESPONSE
Date : 6/30/2008
Action: CAP/RAP - Feasibility Study Report

Action Type: RESPONSE

Date : 5/29/2008
Action: Correspondence

Action Type: RESPONSE
Date : 4/30/2008
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 2/28/2008
Action: Staff Letter - #808220

Action Type: RESPONSE
Date : 2/6/2008
Action: Soil and Water Investigation Workplan

Action Type: RESPONSE
Date : 1/30/2008
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 1/15/2008
Action: Warning Letter - #80511

Action Type: RESPONSE
Date : 12/28/2007
Action: Monitoring Report - Quarterly

Action Type: ENFORCEMENT
Date : 10/15/2007
Action: Staff Letter - #705101

Action Type: RESPONSE
Date : 9/28/2007
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 9/27/2007
Action: Soil and Water Investigation Report

Action Type: ENFORCEMENT
Date : 7/26/2007
Action: Site Visit / Inspection / Sampling

Action Type: RESPONSE
Date : 4/11/2007
Action: Preliminary Site Assessment Report

Action Type: RESPONSE
Date : 2/20/2007
Action: Site Assessment Report

Action Type: ENFORCEMENT
Date : 2/16/2007
Action: Staff Letter - #70612

Action Type: RESPONSE
Date : 12/8/2006
Action: Preliminary Site Assessment Workplan

Action Type: ENFORCEMENT
Date : 12/5/2006
Action: Staff Letter - #60521

Action Type: RESPONSE
Date : 11/29/2006
Action: Other Workplan

Action Type: ENFORCEMENT
Date : 9/29/2006

Action: Staff Letter - #60929

Action Type: ENFORCEMENT
Date : 9/28/2006
Action: Notice of Responsibility - #6002829

Action Type: RESPONSE
Date : 9/26/2006
Action: Other Report / Document

Action Type: RESPONSE
Date : 9/20/2006
Action: Unauthorized Release Form

Action Type: Other
Date : 9/20/2006
Action: Leak Reported

Action Type: RESPONSE
Date : 9/20/2006
Action: Site Assessment Report

Action Type: RESPONSE
Date : 9/8/2006
Action: Preliminary Site Assessment Report

Action Type: Other
Date : 8/23/2006
Action: Leak Discovery

Action Type: Other
Date : 7/10/1985
Action: Leak Stopped

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: TRAVIS L. FLORA
City: SAN JOSE
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Dr.
Email: travis.flora@cep.sccgov.org
Phone No: 4089183486

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Eligible for Closure
Status Date: 6/30/2020

Status: Open - Verification Monitoring
Status Date: 6/30/2020

Status: Open - Verification Monitoring
Status Date: 6/25/2020

Status: Open - Eligible for Closure
Status Date: 6/25/2020

Status: Open - Remediation
Status Date: 2/1/2018

Status: Open - Site Assessment
Status Date: 2/15/2007

Status: Open - Site Assessment

Status Date: 9/26/2006

Status: Open - Case Begin Date
Status Date: 7/10/1985

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	AMARACH	***Potential COC:***	GASOLINE
Site Facility Type:	LUST CLEANUP SITE	***Facility Type:***	
Cleanup Status:	OPEN - ELIGIBLE FOR CLOSURE	***Composting Method:***	
Project Status:		***Address:***	1640 LAFAYETTE ST.
WDR Place Type:		***City:***	SANTA CLARA
WDR File:		***Zip:***	95050
WDR Order:		***County:***	SANTA CLARA
CUF Priority Assig:	B	***CUF Claim:***	18885
CUF Amount Paid:	$113,666		

File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608594421
Cleanup Status Detail: OPEN - ELIGIBLE FOR CLOSURE AS OF 6/30/2020
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608594421&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
Calwater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD) - CASE #: 07S1W02D06f
CASEWORKER: TRAVIS L. FLORA
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 14-769
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

In January 1985, Mr. Russell Thornhill with Valley Rockery Inc. contacted the Santa Clara Fire Department regarding removal/decommissioning of the empty and unused 1,000-gallon gasoline UST located partially under the current building. A letter dated January 31, 1985 from the City of Santa Clara Fire Department signed by Richard Peterson, Deputy Fire Marshal and Bill Gianatasio, Fire Marshal, stated that "waiver of U.F.C. Section 79.113(e) (Tank Removal) will be granted, provided compliance with Local Ordinance #1490 is met." The letter also indicated that Valley Rockery had thirty days to submit a letter of intent and 90 days to complete the
required work. In a letter dated February 11, 1985, Mr. Thornhill indicated that Valley Rockery would obtain the required soil samples.
On April 26, 1985, one exploratory boring was advanced to a depth of 21.5 feet below ground surface (bgs) immediately north of the UST. One soil sample was collected from a depth of 15 feet bgs and submitted for analysis. The sample was analyzed for benzene, toluene, ethylbenzene and total xylenes (BTEX), and the other sample was analyzed for total hydrocarbons and reported concentrations of BTEX at 0.0312 milligrams per kilogram (mg/kg), 0.5992 mg/kg,
2.213 mg/kg, and 1.081 mg/kg, respectively. Groundwater was not encountered during the investigation.
AEI performed a subsurface investigation at the subject property on August 25, 2006. Four (4) soil borings (SB-1, SB-2, SB-3, and SB-4) were advanced in the area of the UST, which was located under a landscaped area between the driveway and the building. Soil boring SB-1encountered the north end of the UST at a depth of five (5) feet bgs. The locations of these soil borings are shown on Figure 2, "Site Plan" and Figure 3, "Detailed Site Plan". The results of TPH-g analyses on soil samples collected from borings SB-2 through SB-4 ranged from 34 mg/kg (SB3-10) to 8,500 mg/kg (SB2-8.5). The results of TPH-d analyses ranged from 2.0 mg/kg (SB3-10) to 1,800 mg/kg (SB2-8.5). The results of TPH-mo analyses ranged from ND<5.0 mg/kg (SB3-10 and SB4-8) to ND<250 mg/kg (SB2-8.5). Analysis by Method 8021B found no detectable concentrations of methyl tertiary butyl ether (MTBE) at reporting limits of 0.50 mg/kg (SB3-10 and SB4-8) and elevated reporting limit of 50 mg/kg in boring SB2-8.5.
Grab groundwater samples were collected from the borings and reported to have maximum concentrations of 240,000 ppb TPHg, 140,000 ppb TPHd, 22,000 ppb Benzene, 25,000 ppb Toluene, 5,000 ppb Ethylbenzene, 23,000 ppb xylenes, and 1,000 ppb MtBE (EPA Method No. 8021B).
12/06 additional 9 soil borings (SB5-SB13) were advanced onsite. TPH-g was reported at concentrations ranging from 23 mg/kg (SB-5-10) to 190 mg/kg (SB-7-
9.5). TPH-d was reported at concentrations ranging from 5.5 mg/kg (SB-5-10) to 57 mg/kg (SB-7-9.5). Analysis by Method 8021B found no detectable concentrations of MTBE at or above reporting limits ranging from 0.50 mg/kg (SB3-10 and SB4-8) to 50 mg/kg (SB2-8.5). The maximum concentrations of BTEX reported were 0.42 mg/kg (SB-10-10), 0.69 mg/kg (SB-7-9.5), 0.079 mg/kg (SB-10-10), and 0.12 mg/kg (SB-10-10), respectively. Light non-aqueous phase liquid (LNAPL) was seen in the groundwater grab samples from borings SB-7 and SB-10. LNAPL sheen was seen on the sampler in soil boring SB-5 at a depth of 12 feet bgs.
8/07 - 4 monitoring wells were installed and groundwater monitoring began.

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Verification Monitoring
Date : 6/30/2020

Status: Open - Eligible for Closure
Date : 6/30/2020

Status: Open - Eligible for Closure
Date : 6/25/2020

Status: Open - Verification Monitoring
Date : 6/25/2020

Status: Open - Remediation
Date : 2/1/2018

Status: Open - Site Assessment
Date : 2/15/2007

Status: Open - Site Assessment
Date : 9/26/2006

Status: Open - Case Begin Date
Date : 7/10/1985

LUST Sites from GeoTracker Search - Cleanup Action Report (as of May 29, 2021)

Action Type: EXCAVATION
Phase: Soil
Contaminant Mass Removed:
Description:
Begin Date:
End Date:

Action Type: EXCAVATION
Phase: Soil
Contaminant Mass Removed: 4 Gallons
Description:
Begin Date: 1/1/2019
End Date: 6/30/2020

LUST Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Other Regulatory Actions
Action Date: 9/2/2020
Received Issue Date: 9/2/2020
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6446511&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Notices
Action Date: 6/25/2020
Received Issue Date: 6/25/2020
Action: Notification - Public Notice of Case Closure
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6439396&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 12/12/2019
Received Issue Date: 12/12/2019
Action: Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=6010776
Title Description Comments:

Addendum, Data Gap Investigation Report (Addendum to Sept. 2017 report), lab report includes naphthalene data

Action Type: Other Regulatory Actions
Action Date: 10/21/2019
Received Issue Date: 10/21/2019
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6418006&temptable=ENFORCEMENT
Title Description Comments:

NFA pending low-threat case closure review

Action Type: Enforcement/Orders
Action Date: 9/23/2019
Received Issue Date: 9/23/2019
Action: Notice to Comply
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6415401&temptable=ENFORCEMENT
Title Description Comments:

Out of Compliance, First Notice

Action Type: Other Regulatory Actions
Action Date: 9/10/2018
Received Issue Date: 9/10/2018
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6395564&temptable=ENFORCEMENT
Title Description Comments:

18885 1st RSR Rationale for Additional Work September 2018

Action Type: Response Requested - Reports
Action Date: 6/29/2018
Received Issue Date: 10/15/2019
Action: Tank Removal Report / UST Sampling Report - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5969507
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 2/16/2018
Received Issue Date: 1/29/2018
Action: Soil and Water Investigation Report - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5950445
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 2/15/2018
Received Issue Date: 2/15/2018
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6348920&temptable=ENFORCEMENT
Title Description Comments:

DEH directive to remove UST

Action Type: Response Requested - Workplans
Action Date: 1/26/2018
Received Issue Date: 12/15/2017
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5950437
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 12/15/2017
Received Issue Date: 12/15/2017

Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6343441&temptable=ENFORCEMENT
Title Description Comments:

Approve Work Plan Addendum with conditions

Action Type: Other Regulatory Actions
Action Date: 12/12/2017
Received Issue Date: 12/12/2017
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6343146&temptable=ENFORCEMENT
Title Description Comments:

DEH Response to CAP Addendum, require Work Plan Addendum

Action Type: Response Requested - Workplans
Action Date: 11/7/2017
Received Issue Date: 11/7/2017
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5950083
Title Description Comments:

Addendum, Corrective Action Plan

Action Type: Response Requested - Reports
Action Date: *9/15/2017
Received Issue Date: 9/14/2017
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5913644
Title Description Comments:

Data Gap Investigation Report

Action Type: Other Regulatory Actions
Action Date: 7/26/2017
Received Issue Date: 7/26/2017
Action: Email Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6327604&temptable=ENFORCEMENT
Title Description Comments:

Data Gap Investigation extension request

Action Type: Other Regulatory Actions
Action Date: 6/13/2017
Received Issue Date: 6/13/2017
Action: Email Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6322791&temptable=ENFORCEMENT
Title Description Comments:

Data Gap Investigation extension request

Action Type: Other Regulatory Actions
Action Date: 4/26/2017
Received Issue Date: 4/26/2017
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6318127&temptable=ENFORCEMENT
Title Description Comments:

Groundwater monitoring suspension request approval

Action Type: Other Regulatory Actions
Action Date: 2/22/2017
Received Issue Date: 2/22/2017
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6312527&temptable=ENFORCEMENT
Title Description Comments:

Data Gap Investigation WP approval

Action Type: Response Requested - Workplans
Action Date: 2/15/2017
Received Issue Date: 2/15/2017
Action: Site Investigation Workplan - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5913642
Title Description Comments:

WORK PLAN, DATA GAP INVESTIGATION

Action Type: Response Requested - Workplans
Action Date: 2/15/2017
Received Issue Date: 2/15/2017
Action: Soil and Water Investigation Workplan - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5907378
Title Description Comments:

Site Investigation work plan

Action Type: Response Requested - Reports
Action Date: 1/30/2017
Received Issue Date: 2/13/2017
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5905266
Title Description Comments:

4Q16 QMR

Action Type: Other Regulatory Actions
Action Date: 12/15/2016
Received Issue Date: 12/15/2016
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6306321&temptable=ENFORCEMENT
Title Description Comments:

Site Investigation work plan and Corrective Action Report request

Action Type: Response Requested - Reports
Action Date: 11/30/2016
Received Issue Date: 12/13/2016
Action: CAP/RAP - Feasibility Study Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5905264
Title Description Comments:

Delinquent CAP

Action Type: Notices
Action Date: 11/30/2016
Received Issue Date: 11/30/2016
Action: Letter - Notice
Doc Link:
Title Description Comments:

Letter indicating ownership of property

Action Type: Response Requested - Reports
Action Date: 11/30/2016
Received Issue Date: 11/29/2016
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5905261
Title Description Comments:

QMR from Fourth Quarter 2015 to Third Quarter 2016

Action Type: Response Requested - Other
Action Date: 11/29/2016
Received Issue Date: 11/29/2016
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5910302
Title Description Comments:

CORRESPONDENCE

Action Type: Other Regulatory Actions
Action Date: 11/10/2016
Received Issue Date: 11/10/2016
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6303434&temptable=ENFORCEMENT
Title Description Comments:

Request for delinquent QMR and CAP

Action Type: Response Requested - Other
Action Date: 1/29/2016
Received Issue Date: 1/29/2016
Action: Email Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5876749
Title Description Comments:

email from AEI regarding work performed

Action Type: Other Regulatory Actions
Action Date: 6/25/2015
Received Issue Date: 6/25/2015
Action: Email Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6252959&temptable=ENFORCEMENT
Title Description Comments:

Letter from RP stating property will go to foreclosure

Action Type: Other Regulatory Actions
Action Date: 5/29/2015
Received Issue Date: 5/29/2015
Action: Email Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6249917&temptable=ENFORCEMENT
Title Description Comments:

Email from AEI stating they are no longer RPs consultant

Action Type: Enforcement/Orders
Action Date: 2/10/2015
Received Issue Date: 2/10/2015
Action: Notice to Comply
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?

global_id=T0608594421&enforcement_id=6235625&temptable=ENFORCEMENT

Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 1/30/2015
Received Issue Date: 1/28/2015
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5824127
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 10/30/2014
Received Issue Date: 11/26/2014
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=6090756
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 9/10/2014
Received Issue Date: 9/10/2014
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6220155&temptable=ENFORCEMENT
Title Description Comments:

response to offsite investigation - request preparation of CAP

Action Type: Other Regulatory Actions
Action Date: 8/13/2014
Received Issue Date: 8/13/2014
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6216877&temptable=ENFORCEMENT
Title Description Comments:

response to email (included) with project status update; reminder of steps necessary to return to compliance.

Action Type: Response Requested - Reports
Action Date: 7/14/2014
Received Issue Date: 9/2/2014
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5797121
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 4/30/2014
Received Issue Date: 2/7/2014
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=6090754
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 2/10/2014
Received Issue Date: 2/10/2014
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6191811&temptable=ENFORCEMENT
Title Description Comments:

concur with work plan for down gradient assessment

Action Type: Response Requested - Other
Action Date: 2/10/2014

Received Issue Date: 2/10/2014
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5827369
Title Description Comments:

Correspondence File 2006-2014

Action Type: Response Requested - Workplans
Action Date: 11/1/2013
Received Issue Date: 2/3/2014
Action: Soil and Water Investigation Workplan - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5783891
Title Description Comments:

- see 2/10/14 staff letter

Action Type: Other Regulatory Actions
Action Date: 9/30/2013
Received Issue Date: 9/30/2013
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6177128&temptable=ENFORCEMENT
Title Description Comments:

response to correspondence - commence quarterly groundwater monitoring; submit wp for plume delineation; submit late CAP

Action Type: Response Requested - Other
Action Date: 8/5/2013
Received Issue Date: 9/26/2013
Action: Correspondence - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5774475
Title Description Comments:

submit overdue project status letter with schedule to bring site back into compliance - refer to 9/30/13 staff letter

Action Type: Enforcement/Orders
Action Date: 7/2/2013
Received Issue Date: 7/2/2013
Action: Notice of Violation
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6165675&temptable=ENFORCEMENT
Title Description Comments:

includes LTCP evaulation

Action Type: Response Requested - Other
Action Date: 9/21/2012
Received Issue Date: 9/26/2013
Action: Correspondence
Doc Link:
Title Description Comments:

status letter and schedule to bring site back into compliance.

Action Type: Other Regulatory Actions
Action Date: 8/9/2012
Received Issue Date: 8/9/2012
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6133487&temptable=ENFORCEMENT
Title Description Comments:

request status letter and schedule to bring site back into compliance

Action Type: Response Requested - Other
Action Date: 1/10/2011
Received Issue Date: 1/12/2011
Action: Other Report / Document
Doc Link:
Title Description Comments:

schedule to bring case back into regulatory compliance

Action Type: Other Regulatory Actions
Action Date: 12/7/2010
Received Issue Date: 12/7/2010
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6070919&temptable=ENFORCEMENT
Title Description Comments:

out of compliance letter

Action Type: Response Requested - Reports
Action Date: 10/30/2009
Received Issue Date: 4/21/2010
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5620852
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 9/30/2009
Received Issue Date: 9/30/2009
Action: Well Installation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5928235
Title Description Comments:

Well Construction Application 09/30/2009

Action Type: Response Requested - Reports
Action Date: 7/30/2009
Received Issue Date: 10/13/2009
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5620851
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 6/29/2009
Received Issue Date: 10/13/2009
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

late 1st qtr gwm - sampling not conducted.

Action Type: Enforcement/Orders
Action Date: 5/27/2009
Received Issue Date: 5/27/2009
Action: Warning Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6014699&temptable=ENFORCEMENT
Title Description Comments:

late gwm & pilot study reports

Action Type: Response Requested - Reports
Action Date: 4/30/2009

Received Issue Date: 10/13/2009
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

- sampling not conducted.

Action Type: Response Requested - Reports
Action Date: 1/30/2009
Received Issue Date: 2/18/2009
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5620847
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 1/16/2009
Received Issue Date: 1/16/2009
Action: Staff Letter - #01/16/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6000682&temptable=ENFORCEMENT
Title Description Comments:

Results of Baseline Respiration Test and Bioventing System Start-up Report

Action Type: Response Requested - Reports
Action Date: 10/30/2008
Received Issue Date: 10/9/2008
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 10/16/2008
Received Issue Date: 10/16/2008
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=5990651&temptable=ENFORCEMENT
Title Description Comments:

inc rose diagram in gwm

Action Type: Other Regulatory Actions
Action Date: 9/5/2008
Received Issue Date: 9/5/2008
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=5986425&temptable=ENFORCEMENT
Title Description Comments:

app baseline respiration test & bioventing pilot test

Action Type: Response Requested - Reports
Action Date: 7/30/2008
Received Issue Date: 7/31/2008
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5583984
Title Description Comments:

Monitoring Report - Quarterly - Included in Dual Phase Extraction Pilot Test & Soil Gas Sampling Report

Action Type: Response Requested - Other
Action Date: 7/1/2008

Received Issue Date: 7/31/2008
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5579348
Title Description Comments:

Other Type of Submission by RP - DPE test and soil gas survey

Action Type: Response Requested - Reports
Action Date: 6/30/2008
Received Issue Date: 6/30/2008
Action: CAP/RAP - Feasibility Study Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5928229
Title Description Comments:

Feasibility Study 06/30/2008

Action Type: Response Requested - Other
Action Date: 5/29/2008
Received Issue Date: 5/29/2008
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5827368
Title Description Comments:

State Related Correspondence 2006-2008

Action Type: Response Requested - Reports
Action Date: 4/30/2008
Received Issue Date: 4/1/2008
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5583983
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action Date: 2/28/2008
Received Issue Date: 2/28/2008
Action: Staff Letter - #808220
Doc Link:
Title Description Comments:

acc dpe, soil gas wp

Action Type: Response Requested - Workplans
Action Date: *2/6/2008
Received Issue Date: 2/26/2008
Action: Soil and Water Investigation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5596262
Title Description Comments:

Soil and Water Investigation Workplan - dg assessment and vapor well install and sampling; HVDPE pilot test

Action Type: Response Requested - Reports
Action Date: 1/30/2008
Received Issue Date: 1/4/2008
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Enforcement/Orders
Action Date: 1/15/2008

Received Issue Date: 1/15/2008
Action: Warning Letter - #80511
Doc Link:
Title Description Comments:

wp not submitted

Action Type: Response Requested - Reports
Action Date: 12/28/2007
Received Issue Date: 12/28/2007
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5928230
Title Description Comments:

GW Monitoirng Report 12/28/2007 - 01/16/2014

Action Type: Other Regulatory Actions
Action Date: 10/15/2007
Received Issue Date: 10/15/2007
Action: Staff Letter - #705101
Doc Link:
Title Description Comments:

req vapor wells, dg ass; pilot test wp; gwm

Action Type: Response Requested - Reports
Action Date: 9/28/2007
Received Issue Date: 9/28/2007
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5928234
Title Description Comments:

Soil & Water Investigation Report 09/28/2007

Action Type: Response Requested - Reports
Action Date: *9/27/2007
Received Issue Date: 10/3/2007
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5608470
Title Description Comments:

Soil and Water Investigation Report - mw installation

Action Type: Other Regulatory Actions
Action Date: 7/26/2007
Received Issue Date: 7/26/2007
Action: Site Visit / Inspection / Sampling
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6234172&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 4/11/2007
Received Issue Date: 2/15/2007
Action: Preliminary Site Assessment Report
Doc Link:
Title Description Comments:

Preliminary Site Assessment Report

Action Type: Response Requested - Reports
Action Date: 2/20/2007
Received Issue Date: 2/20/2007

Action: Site Assessment Report
Doc Link:
Title Description Comments:

Phase II Site Assessment Report from LUSTOP

Action Type: Other Regulatory Actions
Action Date: 2/16/2007
Received Issue Date: 2/16/2007
Action: Staff Letter - #70612
Doc Link:
Title Description Comments:

app proposed swi in psa rpt

Action Type: Response Requested - Workplans
Action Date: *12/8/2006
Received Issue Date: 12/5/2006
Action: Preliminary Site Assessment Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5593563
Title Description Comments:

Preliminary Site Assessment Workplan

Action Type: Other Regulatory Actions
Action Date: 12/5/2006
Received Issue Date: 12/5/2006
Action: Staff Letter - #60521
Doc Link:
Title Description Comments:

acc psa wp

Action Type: Response Requested - Workplans
Action Date: 11/29/2006
Received Issue Date: 11/29/2006
Action: Other Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5928236
Title Description Comments:

Work Plan 11/29/2006 - 01/31/2014

Action Type: Other Regulatory Actions
Action Date: 9/29/2006
Received Issue Date: 9/29/2006
Action: Staff Letter - #60929
Doc Link:
Title Description Comments:

req psa wp

Action Type: Notices
Action Date: 9/28/2006
Received Issue Date: 9/28/2006
Action: Notice of Responsibility - #6002829
Doc Link:
Title Description Comments:

Issued Notice of Responsibility

Action Type: Response Requested - Other
Action Date: 9/26/2006
Received Issue Date: 9/26/2006

Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5827371
Title Description Comments:

Real Property Report from LUSTOP

Action Type: Response Requested - Other
Action Date: 9/20/2006
Received Issue Date: 9/20/2006
Action: Unauthorized Release Form
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5827374
Title Description Comments:

Geotracker URF Report

Action Type: Response Requested - Reports
Action Date: 9/20/2006
Received Issue Date: 9/20/2006
Action: Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5827373
Title Description Comments:

Phase II Site Assessment Report

Action Type: Response Requested - Reports
Action Date: 9/8/2006
Received Issue Date: 9/8/2006
Action: Preliminary Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608594421&doc_id=5928232
Title Description Comments:

Preliminary Site Assessment Report 09/08/2006

Action Type: Response Requested - Reports
Action Date: *3/31/2009
Received Issue Date:
Action: Remedial Progress Report
Doc Link:
Title Description Comments:

Baseline Respiration Test and Bioventing system Start up - Can be included in quarterly gwm report due that day.

Action Type: Response Requested - Reports
Action Date: 12/4/2020
Received Issue Date:
Action: Well Destruction Report
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date: 1/1/2019
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 7/30/2014
Received Issue Date:
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

- sampling not conducted

Action Type: Response Requested - Reports
Action Date: *1/10/2015
Received Issue Date:
Action: CAP/RAP - Feasibility Study Report
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 1/30/2014
Received Issue Date:
Action: Monitoring Report - Quarterly
Doc Link:
Title Description Comments:

- sampling not conducted.

Action Type: Response Requested - Reports
Action Date: 9/29/2009
Received Issue Date:
Action: Pilot Study/ Treatability Report
Doc Link:
Title Description Comments:

late pilot test rpt

Action Type: Response Requested - Reports
Action Date: 6/30/2009
Received Issue Date:
Action: CAP/RAP - Other Report
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 9/20/2006
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 8/23/2006
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 7/10/1985
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action Date:
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Site Maps (as of May 29, 2021)

Title: SB-30 GEO BORE (SB-30)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3728027582/T0608594421.PDF
Size : 103 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 2/7/2018

Title: SB-29 GEO BORE (SB-29)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3507065057/T0608594421.PDF
Size : 127 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 2/7/2018

Title: SB-26 GEO_BORE (SB-26)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7416696369/T0608594421.PDF
Size : 95 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/15/2017*

Title: SB-2B GEO_BORE (SB-2B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4280374348/T0608594421.PDF
Size : 107 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/15/2017*

Title: SG-7 GEO_BORE (SG-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2222360432/T0608594421.PDF
Size : 107 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/15/2017*

Title: SG-8 GEO_BORE (SG-8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7700280964/T0608594421.PDF
Size : 99 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/15/2017*

Title: SB-27 GEO_BORE (SB-27)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2308416962/T0608594421.PDF
Size : 86 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/15/2017*

Title: SB-28 (SB-28)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2255378425/T0608594421.PDF
Size : 86 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/15/2017*

Title: SG-9 GEO_BORE (SG-9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2959543049/T0608594421.PDF
Size : 63 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/15/2017*

Title: GEO_BORE (SB-14)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4706870794/T0608594421.PDF
Size : 77 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/17/2014

Title: GEO_BORE (SB-15)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4314950168/T0608594421.PDF
Size : 76 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/17/2014

Title: GEO_BORE (SB-18)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8959673047/T0608594421.PDF
Size : 75 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/17/2014

Title: GEO_BORE (SB-19)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7607596695/T0608594421.PDF
Size : 75 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/17/2014

Title: GEO_BORE (SB-22)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7254594922/T0608594421.PDF
Size : 75 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/17/2014

Title: GEO_BORE (SB-16)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5747045934/T0608594421.PDF
Size : 74 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/17/2014

Title: GEO_BORE (SB-20)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7477205395/T0608594421.PDF
Size : 76 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/17/2014

Title: GEO_BORE (SB-21)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7644477605/T0608594421.PDF
Size : 75 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/17/2014

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/6958716690/T0608594421.PDF
Size : 24 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/17/2014

Title: GEO_BORE (SB-17)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7177009344/T0608594421.PDF
Size : 75 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 9/17/2014

Title: GEO_BORE (MW-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7947817742/T0608594421.pdf
Size : 49 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 12/18/2007

Title: GEO_BORE (MW-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7330412924/T0608594421.pdf
Size : 44 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 12/18/2007

Title: GEO_BORE (MW-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7705569207/T0608594421.pdf
Size : 53 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 12/18/2007

Title: GEO_BORE (MW-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6534271061/T0608594421.pdf
Size : 51 KB

Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 12/18/2007

Title: GEO_BORE (SB-8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1417722940/T0608594421.pdf
Size : 59 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 2/2/2007

Title: GEO_BORE (SB-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1321043252/T0608594421.pdf
Size : 101 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 2/2/2007

Title: GEO_BORE (SB-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5656193614/T0608594421.pdf
Size : 98 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 2/2/2007

Title: GEO_BORE (SB-10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8363965690/T0608594421.pdf
Size : 90 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 2/2/2007

Title: GEO_BORE (SB-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1547361612/T0608594421.pdf
Size : 78 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 2/2/2007

Title: GEO_BORE (SB-9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5086977899/T0608594421.pdf
Size : 76 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 2/2/2007

Title: GEO_BORE (SB-13)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6708129703/T0608594421.pdf
Size : 59 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 2/2/2007

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/3836500406/T0608594421.pdf
Size : 20 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 2/2/2007

Title: GEO_BORE (SB-11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6852050602/T0608594421.pdf
Size : 83 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 2/2/2007

Title: GEO_BORE (SB-12)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2108703434/T0608594421.pdf
Size : 56 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 2/2/2007

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/5420454263/T0608594421.pdf
Size : 19 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 12/4/2006

Title: GEO_BORE (SB2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6804182291/T0608594421.pdf
Size : 35 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 12/4/2006

Title: GEO_BORE (SB4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8656298577/T0608594421.pdf
Size : 40 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 12/4/2006

Title: GEO_BORE (SB1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2205991446/T0608594421.pdf
Size : 24 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 12/4/2006

Title: GEO_BORE (SB3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2516041398/T0608594421.pdf
Size : 36 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted: 12/4/2006

LUST Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents
Document Date: 9/2/2020
Type: STAFF LETTER
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6446511
Size :
Submitted By: TRAVIS FLORA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 6/25/2020
Type: NOTIFICATION - PUBLIC NOTICE OF CASE CLOSURE
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6439396
Size :
Submitted By: TRAVIS FLORA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 12/12/2019
Type: SITE ASSESSMENT REPORT
Title: ADDENDUM, DATA GAP INVESTIGATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2559771060/T0608594421.PDF
Size : 1,019 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted:

Document Type: Site Documents
Document Date: 10/21/2019
Type: STAFF LETTER
Title: NFA PENDING LOW-THREAT CASE CLOSURE REVIEW
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6418006
Size :
Submitted By: TRAVIS FLORA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 9/23/2019
Type: NOTICE TO COMPLY
Title: OUT OF COMPLIANCE, FIRST NOTICE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6415401
Size :
Submitted By: TRAVIS FLORA (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 9/19/2019
Type: TANK REMOVAL REPORT / UST SAMPLING REPORT
Title: UNDERGROUND STORAGE TANK REMOVAL REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4655687808/T0608594421.PDF
Size : 12,208 KB
Submitted By: PETER MCINTYRE (AUTH_RP)
Submitted:

Document Type: Site Documents
Document Date: 9/10/2018
Type: CLEAN UP FUND - CASE CLOSURE REVIEW SUMMARY REPORT (RSR)
Size :
Submitted By: (REGULATOR)
Submitted:

Title: 18885 1ST RSR RATIONALE FOR ADDITIONAL WORK SEPTEMBER 2018
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6395564

Document Type: Site Documents **Size :**
Document Date: 2/15/2018 **Submitted By:** TRAVIS FLORA (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: DEH DIRECTIVE TO REMOVE UST
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6348920

Document Type: Site Documents **Size :** 10,665 KB
Document Date: 1/22/2018 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: SITE INVESTIGATION COMPLETE **Submitted:**
Title: REPORT ON DATA GAP INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3770010590/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 12/15/2017 **Submitted By:** TRAVIS FLORA (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: APPROVE WORK PLAN ADDENDUM WITH CONDITIONS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6343441

Document Type: Site Documents **Size :**
Document Date: 12/15/2017 **Submitted By:** TRAVIS FLORA (REGULATOR)
Type: SOIL AND WATER INVESTIGATION WORKPLAN - ADDENDUM **Submitted:**
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&document_id=5950437

Document Type: Site Documents **Size :**
Document Date: 12/12/2017 **Submitted By:** TRAVIS FLORA (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: DEH RESPONSE TO CAP ADDENDUM, REQUIRE WORK PLAN ADDENDUM
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6343146

Document Type: Site Documents **Size :** 8,320 KB
Document Date: 11/6/2017 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: CORRECTIVE ACTION PLAN / REMEDIAL ACTION PLAN - ADDENDUM **Submitted:**
Title: ADDENDUM, CORRECTIVE ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6691687226/T0608594421.PDF

Document Type: Site Documents **Size :** 20,458 KB
Document Date: 9/12/2017 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: SITE INVESTIGATION **Submitted:**
Title: DATA GAP INVESTIGATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6528039753/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 7/26/2017 **Submitted By:** CALVIN HEE (REGULATOR)
Type: EMAIL CORRESPONDENCE **Submitted:**
Title: DATA GAP INVESTIGATION EXTENSION REQUEST
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6327604

Document Type: Site Documents **Size :**
Document Date: 6/13/2017 **Submitted By:** CALVIN HEE (REGULATOR)
Type: EMAIL CORRESPONDENCE **Submitted:**
Title: DATA GAP INVESTIGATION EXTENSION REQUEST
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6322791

Document Type: Site Documents **Size :**
Document Date: 4/26/2017 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: GROUNDWATER MONITORING SUSPENSION REQUEST APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6318127

Document Type: Monitoring Reports **Size :** 6,559 KB
Document Date: 4/11/2017 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY MONITORING REPORT FIRST QUARTER 2017

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4067053437/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 2/22/2017 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: DATA GAP INVESTIGATION WP APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6312527

Document Type: Site Documents **Size :** 8,060 KB
Document Date: 2/14/2017 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Title: WORK PLAN, DATA GAP INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9808691442/T0608594421.PDF

Document Type: Monitoring Reports **Size :** 5,764 KB
Document Date: 2/8/2017 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY MONITORING REPORT (FOURTH QUARTER 2016)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2429786384/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 12/15/2016 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: SITE INVESTIGATION WORK PLAN AND CORRECTIVE ACTION REPORT REQUEST
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6306321

Document Type: Site Documents **Size :** 9,804 KB
Document Date: 12/13/2016 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: CAP/RAP - OTHER REPORT **Submitted:**
Title: CORRECTIVE ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5380781710/T0608594421.PDF

Document Type: Monitoring Reports **Size :** 4,517 KB
Document Date: 11/29/2016 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY MONITORING REPORT FOURTH QUARTER 2015
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6927252233/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 11/29/2016 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: CORRESPONDENCE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&document_id=5910302

Document Type: Monitoring Reports **Size :** 12,258 KB
Document Date: 11/29/2016 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY MONITORING REPORT THIRD QUARTER 2016
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4036674201/T0608594421.PDF

Document Type: Monitoring Reports **Size :** 5,213 KB
Document Date: 11/29/2016 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: QUARTERLY MONITORING REPORT FIRST QUARTER 2016
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4904074311/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 11/10/2016 **Submitted By:** CANDACE GARCIA (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: REQUEST FOR DELINQUENT QMR AND CAP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6303434

Document Type: Site Documents **Size :**
Document Date: 1/29/2016 **Submitted By:** AARON COSTA (REGULATOR)
Type: EMAIL CORRESPONDENCE **Submitted:**
Title: EMAIL FROM AEI REGARDING WORK PERFORMED
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&document_id=5876749

Document Type: Site Documents **Size :**

Document Date: 6/25/2015 **Submitted By:** AARON COSTA (REGULATOR)
Type: EMAIL CORRESPONDENCE **Submitted:**
Title: LETTER FROM RP STATING PROPERTY WILL GO TO FORECLOSURE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6252959

Document Type: Site Documents **Size :**
Document Date: 5/29/2015 **Submitted By:** AARON COSTA (REGULATOR)
Type: EMAIL CORRESPONDENCE **Submitted:**
Title: EMAIL FROM AEI STATING THEY ARE NO LONGER RPS CONSULTANT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6249917

Document Type: Site Documents **Size :**
Document Date: 2/10/2015 **Submitted By:** CHRIS WIDMANN (REGULATOR)
Type: NOTICE TO COMPLY **Submitted:**
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6235625

Document Type: Monitoring Reports **Size :** 2,531 KB
Document Date: 1/27/2015 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 4TH Q 2014 MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3587226629/T0608594421.PDF

Document Type: Monitoring Reports **Size :** 2,403 KB
Document Date: 10/31/2014 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 3RD QUARTER 2014 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8311036586/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 9/10/2014 **Submitted By:** RINA BANKS (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: RESPONSE TO OFFSITE INVESTIGATION - REQUEST PREPARATION OF CAP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6220155

Document Type: Site Documents **Size :** 4,873 KB
Document Date: 9/2/2014 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Title: OFFSITE SOIL AND GROUNDWATER INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9857261419/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 8/13/2014 **Submitted By:** LANI LEE (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: RESPONSE TO EMAIL (INCLUDED) WITH PROJECT STATUS UPDATE; REMINDER OF STEPS NECESSARY TO RETURN TO COMPLIANCE.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6216877

Document Type: Site Documents **Size :**
Document Date: 2/10/2014 **Submitted By:** LANI LEE (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: CORRESPONDENCE FILE 2006-2014 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&document_id=5827369

Document Type: Site Documents **Size :**
Document Date: 2/10/2014 **Submitted By:** CHRIS WIDMANN (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: CONCUR WITH WORK PLAN FOR DOWN GRADIENT ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6191811

Document Type: Monitoring Reports **Size :** 3,253 KB
Document Date: 1/16/2014 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 2014 1ST QTR QM
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5332948803/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 9/30/2013 **Submitted By:** CHRIS WIDMANN (REGULATOR)

Type: STAFF LETTER **Submitted:**
Title: RESPONSE TO CORRESPONDENCE - COMMENCE QUARTERLY GROUNDWATER MONITORING; SUBMIT WP FOR PLUME DELINEATION; SUBMIT LATE CAP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6177128

Document Type: Site Documents **Size :** 69 KB
Document Date: 9/26/2013 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: CORRESPONDENCE **Submitted:**
Title: SCHEDULE FOR RESUMING REMEDIATION ACTIVITIES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2631020724/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 7/2/2013 **Submitted By:** CHRIS WIDMANN (REGULATOR)
Type: NOTICE OF VIOLATION **Submitted:**
Title: INCLUDES LTCP EVAULATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6165675

Document Type: Site Documents **Size :**
Document Date: 8/9/2012 **Submitted By:** CHRIS WIDMANN (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: REQUEST STATUS LETTER AND SCHEDULE TO BRING SITE BACK INTO COMPLIANCE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6133487

Document Type: Site Documents **Size :** 1,880 KB
Document Date: 1/31/2012 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: SOIL VAPOR INTRUSION INVESTIGATION WORKPLAN **Submitted:**
Title: WP FOR DOWN GRADIENT PLUME DELINEATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2143037319/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 12/7/2010 **Submitted By:** (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: OUT OF COMPLIANCE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6070919

Document Type: Monitoring Reports **Size :** 1,924 KB
Document Date: 4/30/2010 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Title: 2010 1ST QTR SEMI ANNUAL MONITORING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8648667693/T0608594421.PDF

Document Type: Monitoring Reports **Size :** 1,718 KB
Document Date: 3/31/2010 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 3RD Q 2009 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7862695157/T0608594421.PDF

Document Type: Monitoring Reports **Size :** 4,539 KB
Document Date: 9/30/2009 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 2ND Q 2009 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1870873570/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 9/30/2009 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: WELL INSTALLATION REPORT **Submitted:**
Title: WELL CONSTRUCTION APPLICATION 09/30/2009
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&document_id=5928235

Document Type: Site Documents **Size :**
Document Date: 5/27/2009 **Submitted By:** KRISTI CONG (REGULATOR)
Type: WARNING LETTER **Submitted:**
Title: LATE GWM & PILOT STUDY REPORTS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6014699

Document Type: Monitoring Reports **Size :** 2,466 KB
Document Date: 1/30/2009 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**

Title: 4THQ 08 GEO_REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3234726428/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 1/16/2009 **Submitted By:** KRISTI CONG (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: RESULTS OF BASELINE RESPIRATION TEST AND BIOVENTING SYSTEM START-UP REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6000682

Document Type: Site Documents **Size :**
Document Date: 10/16/2008 **Submitted By:** KRISTI CONG (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: INC ROSE DIAGRAM IN GWM
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=5990651

Document Type: Monitoring Reports **Size :** 2,325 KB
Document Date: 9/30/2008 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 3RD Q 2008 GWM REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2573311924/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 9/5/2008 **Submitted By:** KRISTI CONG (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: APP BASELINE RESPIRATION TEST & BIOVENTING PILOT TEST
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=5986425

Document Type: Site Documents **Size :**
Document Date: 6/30/2008 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: CAP/RAP - FEASIBILITY STUDY REPORT **Submitted:**
Title: FEASIBILITY STUDY 06/30/2008
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&document_id=5928229

Document Type: Site Documents **Size :** 13,505 KB
Document Date: 6/30/2008 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: PILOT STUDY/ TREATABILITY REPORT **Submitted:**
Title: DUAL PHASE EXTRACTION PILOT TEST AND SOIL GAS SAMPLING REPORT (PART 1)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1332031726/T0608594421.PDF

Document Type: Site Documents **Size :** 2,956 KB
Document Date: 6/30/2008 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: PILOT STUDY/ TREATABILITY REPORT **Submitted:**
Title: DUAL PHASE EXTRACTION AND SOIL GAS SAMPLING REPORT (PART 2)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6229720175/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 5/29/2008 **Submitted By:** LANI LEE (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: STATE RELATED CORRESPONDENCE 2006-2008 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&document_id=5827368

Document Type: Monitoring Reports **Size :** 876 KB
Document Date: 4/1/2008 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 2008 1ST QTR QM
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5032870233/T0608594421.PDF

Document Type: Site Documents **Size :** 3,137 KB
Document Date: 2/21/2008 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: WORKPLANS - OTHER WP **Submitted:**
Title: DPE PILOT TEST & SOIL GAS SAMPLING WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3689104974/T0608594421.PDF

Document Type: Monitoring Reports **Size :** 2,049 KB
Document Date: 1/2/2008 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: 4TH QUARTER GWM REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5298327386/T0608594421.PDF

Document Type: Monitoring Reports **Size :** 6,458 KB
Document Date: 12/28/2007 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITOIRNG REPORT 12/28/2007 - 01/16/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6810087442/GWM%5FR%5F2010%2D03%2D31%2Epdf

Document Type: Monitoring Reports **Size :** 2,530 KB
Document Date: 12/28/2007 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITOIRNG REPORT 12/28/2007 - 01/16/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6810087442/GWM%5FR%5F2009%2D01%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 3,424 KB
Document Date: 12/28/2007 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITOIRNG REPORT 12/28/2007 - 01/16/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6810087442/GWM%5FR%5F2008%2D09%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 2,140 KB
Document Date: 12/28/2007 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITOIRNG REPORT 12/28/2007 - 01/16/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6810087442/GWM%5FR%5F2007%2D12%2D28%2Epdf

Document Type: Monitoring Reports **Size :** 2,468 KB
Document Date: 12/28/2007 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITOIRNG REPORT 12/28/2007 - 01/16/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6810087442/GWM%5FR%5F2010%2D04%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 893 KB
Document Date: 12/28/2007 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITOIRNG REPORT 12/28/2007 - 01/16/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6810087442/GWM%5FR%5F2008%2D03%2D19%2Epdf

Document Type: Monitoring Reports **Size :** 7,373 KB
Document Date: 12/28/2007 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITOIRNG REPORT 12/28/2007 - 01/16/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6810087442/GWM%5FR%5F2009%2D09%2D30%2Epdf

Document Type: Monitoring Reports **Size :** 6,600 KB
Document Date: 12/28/2007 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Title: GW MONITOIRNG REPORT 12/28/2007 - 01/16/2014 -
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/6810087442/GWM%5FR%5F2014%2D01%2D16%2Epdf

Document Type: Site Documents **Size :** 8,184 KB
Document Date: 12/18/2007 **Submitted By:** PETER MCINTYRE (AUTH_RP)
Type: REPORTS - INVESTIGATION RPT. **Submitted:**
Title: 2007 3RD QTR QM WELL INSTALL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5316304087/T0608594421.PDF

Document Type: Site Documents **Size :**
Document Date: 9/28/2007 **Submitted By:** MICHAEL SCHUSTER (REGULATOR)
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Title: SOIL & WATER INVESTIGATION REPORT 09/28/2007
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&document_id=5928234

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type:	Site Documents	**Size :**	
Document Date:	7/26/2007	**Submitted By:**	LANI LEE (REGULATOR)
Type:	SITE VISIT / INSPECTION / SAMPLING	**Submitted:**	
Title:	UNKNOWN		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&enforcement_id=6234172		

Document Type:	Site Documents	**Size :**	2,770 KB
Document Date:	2/7/2007	**Submitted By:**	PETER MCINTYRE (AUTH_RP)
Type:	REPORTS - INVESTIGATION RPT.	**Submitted:**	
Title:	PSA		
Title Link:	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6633971989/T0608594421.PDF		

Document Type:	Site Documents	**Size :**	2,036 KB
Document Date:	12/4/2006	**Submitted By:**	PETER MCINTYRE (AUTH_RP)
Type:	REPORTS - INVESTIGATION RPT.	**Submitted:**	
Title:	PHASE II INVESTIGATION REPORT		
Title Link:	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8035749137/T0608594421.PDF		

Document Type:	Site Documents	**Size :**	957 KB
Document Date:	12/4/2006	**Submitted By:**	PETER MCINTYRE (AUTH_RP)
Type:	WORKPLANS - INVESTIGATION WP	**Submitted:**	
Title:	WORKPLAN FOR PRELIMINARY SITE ASSESSMENT		
Title Link:	https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5180363297/T0608594421.PDF		

Document Type:	Site Documents	**Size :**	
Document Date:	11/29/2006	**Submitted By:**	MICHAEL SCHUSTER (REGULATOR)
Type:	OTHER WORKPLAN	**Submitted:**	
Title:	WORK PLAN 11/29/2006 - 01/31/2014		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&document_id=5928236		

Document Type:	Site Documents	**Size :**	
Document Date:	9/26/2006	**Submitted By:**	LANI LEE (REGULATOR)
Type:	OTHER REPORT / DOCUMENT	**Submitted:**	
Title:	REAL PROPERTY REPORT FROM LUSTOP - REGULATOR RESPONSE		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&document_id=5827371		

Document Type:	Site Documents	**Size :**	
Document Date:	9/20/2006	**Submitted By:**	LANI LEE (REGULATOR)
Type:	UNAUTHORIZED RELEASE FORM	**Submitted:**	
Title:	GEOTRACKER URF REPORT - REGULATOR RESPONSE		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&document_id=5827374		

Document Type:	Site Documents	**Size :**	
Document Date:	9/20/2006	**Submitted By:**	LANI LEE (REGULATOR)
Type:	SITE ASSESSMENT REPORT	**Submitted:**	
Title:	PHASE II SITE ASSESSMENT REPORT		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&document_id=5827373		

Document Type:	Site Documents	**Size :**	
Document Date:	9/8/2006	**Submitted By:**	MICHAEL SCHUSTER (REGULATOR)
Type:	PRELIMINARY SITE ASSESSMENT REPORT	**Submitted:**	
Title:	PRELIMINARY SITE ASSESSMENT REPORT 09/08/2006		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608594421&document_id=5928232		

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61 | ***3 of 3*** | ***ENE*** | ***0.50 / 2,625.20*** | ***64.05 / -11*** | ***ROEM DEVELOPMENT CORPORATION*** ***1640 LAFAYETTE ST*** ***SANTA CLARA CA 95050*** | ***RCRA TSD***

EPA Handler ID:	CAC003015110
Gen Status Universe:	No Report
Contact Name:	RICHARD JENSEN
Contact Address:	1650 LAFAYETTE STREET , , SANTA CLARA , CA, 95050 ,
Contact Phone No and Ext:	408-984-5600
Contact Email:	NWOODS@AEICONSULTANTS.COM
Contact Country:	
Land Type:	
County Name:	SANTA CLARA

EPA Region:	09
Receive Date:	20190515
Location Latitude:	37.356189
Location Longitude:	-121.946626

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190515
Handler Name:	ROEM DEVELOPMENT CORPORATION
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1650 LAFAYETTE STREET
Name:	ROEM DEVELOPMENT CORPORATION	**Street 2:**	
Date Became Current:		**City:**	SANTA CLARA
Date Ended Current:		**State:**	CA
Phone:	408-984-5600	**Country:**	
Source Type:	Implementer	**Zip Code:**	95050

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1650 LAFAYETTE STREET
Name:	RICHARD JENSEN	**Street 2:**	
Date Became Current:		**City:**	SANTA CLARA
Date Ended Current:		**State:**	CA
Phone:	408-984-5600	**Country:**	
Source Type:	Implementer	**Zip Code:**	95050

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62 | ***1 of 1*** | ***NE*** | ***0.55 / 2,884.13*** | ***52.41 / -23*** | ***UNISYS 1040 DIGIULIO AVENUE SANTA CLARA CA 95050*** | ***ENVIROSTOR***

Estor/EPA ID:	43350040	**Assembly District:**	25
Site Code:		**Senate District:**	10
Nat Priority List:	NO	**Permit Renewal Lead:**	
APN:	224-05-093	**Public Partici Spclst:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Census Tract: 6085505202
Site Type: * HISTORICAL
Address Description: 1040 DIGIULIO AVENUE
Office: CLEANUP BERKELEY
Special Program:
Funding:
Cleanup Status: REFER: RWQCB AS OF 8/1/1989
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Project Manager:
County: SANTA CLARA
Latitude: 37.3603845769713
Longitude: -121.95075360477
Acres: NONE SPECIFIED
Supervisor:

Status: REFER: RWQCB
A2 Program Type: HISTORICAL
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=43350040

Completed Activities

Title: Site Screening
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 8/1/1989
Comments: SITE SCREENING DONE EPA COMPLETED PA AND RECOMMEND HIGH PRIORITY SSI.

Title: Discovery
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Discovery
Date Completed: 9/21/1981
Comments: FACILITY IDENTIFIED INACTIVE SITE: POLK DIR (FUNCTIONAL SYS)

63	1 of 2	NNE	0.59 / 3,129.17	51.66 / -24	K & S METAL FINISHING CO. 1232 MEMOREX DRIVE SANTA CLARA CA 95050	ENVIROSTOR

Estor/EPA ID: 71003696
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6085505202
Site Type: TIERED PERMIT
Address Description: 1232 MEMOREX DRIVE
Office: CLEANUP BERKELEY
Special Program:
Funding:
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SANTA CLARA
Latitude: 37.3622944
Longitude: -121.9531572
Acres: NONE SPECIFIED
Supervisor:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site History:

Status: INACTIVE - NEEDS EVALUATION
A2 Program Type: TIERED PERMIT
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003696

Completed Activities

Title: Other Enforcement Action Executed
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Order
Date Completed: 6/30/2005
Comments:

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63 | ***2 of 2*** | ***NNE*** | ***0.59 / 3,129.17*** | ***51.66 / -24*** | ***PROCESS STAINLESS LAB, INC.***
1280 MEMOREX DR
SANTA CLARA CA 95050 | ***ENVIROSTOR***

Estor/EPA ID: 71004098
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6085505202
Site Type: TIERED PERMIT
Address Description: 1280 MEMOREX DR
Office: CLEANUP BERKELEY
Special Program:
Funding:
Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SANTA CLARA
Latitude: 37.3620744
Longitude: -121.954356
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: INACTIVE - NEEDS EVALUATION
A2 Program Type: TIERED PERMIT
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71004098

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64 | ***1 of 1*** | ***NNE*** | ***0.60 / 3,192.63*** | ***51.14 / -24*** | ***MEMOREX DRIVE COMPLEX***
1200 MEMOREX DRIVE
SANTA CLARA CA 95052 | ***ENVIROSTOR***

Estor/EPA ID: 43380017
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6085505202
Site Type: * HISTORICAL
Address Description: 1200 MEMOREX DRIVE
Office: CLEANUP BERKELEY
Special Program:
Funding:
Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SANTA CLARA
Latitude: 37.3625
Longitude: -121.951944444444
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: REFER: RWQCB AS OF 8/9/1996
Cleanup Oversight Agencies: NONE SPECIFIED

School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: REFER: RWQCB
A2 Program Type: HISTORICAL
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=43380017

Completed Activities

Title: Discovery
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Discovery
Date Completed: 4/26/1989
Comments: FACILITY IDENTIFIED EPA FIT PRELIMINARY ASSESSMENT EPA COMPLETED PRELIMINARY ASSESSMENT AND RECOMMEND MEDIUM-PRIORITY SCREENING SITE INSPECTION. EPA/CERCLA SITE PENDING STATUS: EPA SITE.

65	1 of 1	N	0.62 / 3,287.79	51.70 / -24	UNISYS RIGID MEDIA COMPONENTS DIVISION 1500 MEMOREX DRIVE SANTA CLARA CA 95050	ENVIROSTOR

Estor/EPA ID: 43360097
Site Code:
Nat Priority List: NO
APN: 224-65-005
Census Tract: 6085505202
Site Type: * HISTORICAL
Address Description: 1500 MEMOREX DRIVE
Office: CLEANUP BERKELEY
Special Program:
Funding:
Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SANTA CLARA
Latitude: 37.3629452
Longitude: -121.9563935
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: REFER: RWQCB AS OF 6/14/1994
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

CONTAMINATED SOIL
HALOGENATED SOLVENTS
HYDROCARBON SOLVENTS
OXYGENATED SOLVENTS

Site History:

Status: REFER: RWQCB
A2 Program Type: HISTORICAL
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=43360097

Completed Activities

Title: Site Screening

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 3/1/1988
Comments: SITE SCREENING DONE GROUND WATER CONTAMINATED WITH FREON 113 1-1, DCE, DCA, TCA AND PCE. SOILS CONTM WITH ACETONE, MEK, KEROSENE, FREON 113. FACILITY USED TO MANUFACTURE RIGID COMPUTER STORAGE DISKS FROM 1965 TO 1986

66	1 of 5	ENE	0.67 / 3,555.44	54.92 / -21	FORMER ECS 705 REED ST 705 REED STREET SANTA CLARA CA 95050-0000	RCRA CORRACTS

EPA Handler ID: CAD003963592
Gen Status Universe: Small Quantity Generator
Contact Name: JOHN FORSYTH
Contact Address: 24212 , SE 40TH PL , , ISSAQUAH , WA, 98029 , US
Contact Phone No and Ext: 425-221-5517
Contact Email: FORSYTHFOUR@COMCAST.NET
Contact Country: US
County Name: SANTA CLARA
EPA Region: 09
Land Type: Private
Receive Date: 20200814
Location Latitude: 37.360396
Location Longitude: -121.942232

Event/Area Details

Area Name: ENTIRE FACILITY
Event Code: CA050
Corrective Action Event Descri: RFA COMPLETED
Actual Date of Event: 19920224
Orig Sched Event Date: 19920224
New Sched Event Date:
Best Date: 19920224
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA225NR
Corrective Action Event Descri: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION
Actual Date of Event: 19920330
Orig Sched Event Date: 19920330
New Sched Event Date:
Best Date: 19920330
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jun, 2021.

Violation Details

Found Violation: Yes

Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20170307
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20170525
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20170505
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20170309
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20121016
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110228
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20120309
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20110627
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110228
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20120309
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - Manifest/Records/Reporting
Violation Type: 264.E
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20110627
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110228
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20120309
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:

Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - Container Use and Management
Violation Type: 264.I
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20110627
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110228
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20120309
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - Tank System Standards
Violation Type: 264.J
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20110627
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110228
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20120309

Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Permits - Application
Violation Type: 270.B
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20110627
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20120309
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110228
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Permits - Conditions
Violation Type: 270.C
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20110627
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20120309
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110228
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Universal Waste - General
Violation Type: 273.A
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20110413
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20120309
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110225
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Universal Waste - Destination Facilities
Violation Type: 273.E
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20110413
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110225
Enf Disposition Status:
Disposition Status Date:

Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20120309
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: State Statute or Regulation
Violation Type: XXS
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20110627
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110228
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20120309
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: State Statute or Regulation
Violation Type: XXS
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20110311
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 385

Enforcement Type Description: SINGLE SITE CA/FO
Enforcement Action Date: 20150408
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 218780
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110225
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20120309
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: State Statute or Regulation
Violation Type: XXS
Violation Determined Date: 20110124
Scheduled Compliance Date:
Return to Compliance: Not Resolvable
Actual Return to Compl: 20120309
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20120309
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20110228
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 20100203
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20100412
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20100208
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20100208
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - Manifest/Records/Reporting
Violation Type: 264.E
Violation Determined Date: 20091028
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20091223
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20100510
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20091124
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 385
Enforcement Type Description: SINGLE SITE CA/FO
Enforcement Action Date: 20150408
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 218780
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - Tank System Standards
Violation Type: 264.J
Violation Determined Date: 20091028
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20091223
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20091124
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20100510
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 385
Enforcement Type Description: SINGLE SITE CA/FO
Enforcement Action Date: 20150408
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 218780
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-Closure/Post-Closure
Violation Type: 265.G
Violation Determined Date: 20091028
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20091223

Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20091124
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20100510
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 385
Enforcement Type Description: SINGLE SITE CA/FO
Enforcement Action Date: 20150408
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 218780
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Universal Waste - Large Quantity Handlers
Violation Type: 273.C
Violation Determined Date: 20091028
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20091214
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20091124
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20091124
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:

Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: State Statute or Regulation
Violation Type: XXS
Violation Determined Date: 20091028
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20091124
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20091124
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20100510
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: State Statute or Regulation
Violation Type: XXS
Violation Determined Date: 20091028
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20091223
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 385
Enforcement Type Description: SINGLE SITE CA/FO
Enforcement Action Date: 20150408
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 218780
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20091124

Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20100510
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: State Statute or Regulation
Violation Type: XXS
Violation Determined Date: 20091028
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20091214
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20091124
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20091124
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: State Statute or Regulation
Violation Type: XXS
Violation Determined Date: 20080731
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20080731
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20080731
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20080731
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-Financial Requirements
Violation Type: 265.H
Violation Determined Date: 20080501
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20080516
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20080505
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20080505
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-Financial Requirements
Violation Type: 265.H
Violation Determined Date: 20080501
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20080522

Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20080505
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20090512
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 49500
Paid Amount:

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 20090107
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 65500
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20080505
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20071022
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20071105
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20071022
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:

Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: State Statute or Regulation
Violation Type: XXS
Violation Determined Date: 20071003
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20071004
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20071004
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20071004
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20061219
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20061219
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20061219
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 20061129
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20070111
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20090512
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 49500
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20061201
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 20090107
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 65500
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20061201
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: State Statute or Regulation
Violation Type: XXS
Violation Determined Date: 20060927
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20061011
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20070223
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20090512
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 49500
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20061003
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 20090107
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 65500
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: State Statute or Regulation
Violation Type: XXS
Violation Determined Date: 20060927
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20061004
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20070223
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE

Enforcement Action Date: 20090107
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 65500
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20061003
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20090512
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 49500
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20060926
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20061004
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20061003
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20090512
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 49500
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20070222
Enf Disposition Status:
Disposition Status Date:

Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 20090107
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 65500
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20060926
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20090130
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20061003
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20090512
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 49500
Paid Amount:

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 20090107
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 65500
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20070222
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:

Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - Manifest/Records/Reporting
Violation Type: 264.E
Violation Determined Date: 20060926
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20090130
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20070222
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20061003
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 20060131
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20060511
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20060817
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20060324
Enf Disposition Status:

Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20090512
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 49500
Paid Amount:

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 20090107
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 65500
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 20060131
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20060926
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20060324
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 20090107
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 65500
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20090512
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:

Final Amount: 49500
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20060817
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20051012
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20051021
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20051012
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20051012
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20050727
Scheduled Compliance Date:
Return to Compliance:
Actual Return to Compl:
Violation Responsible Agency: State

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General Facility Standards

Violation Type: 264.B
Violation Determined Date: 20041220
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20050103
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20041220
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20041220
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 20040528
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20040924
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20040630
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20040714
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 20030616
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20030725
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20030729
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20071030
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount: 16520
Paid Amount:

Enforcement Type: 210
Enforcement Type Description: INITIAL 3008(A) COMPLIANCE
Enforcement Action Date: 20061215
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount: 19250
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20030701
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20000814
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20010102
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20001116
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20001023
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Transporters - Manifest System and Recordkeeping
Violation Type: 263.B
Violation Determined Date: 20000814
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20010102
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20001116
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20001023
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Permits - Application
Violation Type: 270.B
Violation Determined Date: 20000814
Scheduled Compliance Date:
Return to Compliance: Documented

Actual Return to Compl: 20010102
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20001023
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 125
Enforcement Type Description:
Enforcement Action Date: 20001116
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: F - 264.10-18.B
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19981118
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19981124
Violation Responsible Agency: State

Violation Details

Found Violation: Yes
Citation: F - 264.30-37.C
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19981118
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19981124
Violation Responsible Agency: State

Violation Details

Found Violation: Yes
Citation: F - 262.50-60
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19960523
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19970605
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19960523
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: F - 264.10-18.B
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19960523
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19970605
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19960523
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: F - 270
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19960523
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19970605
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19960523
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: F - 264.30-37.C
Violation Short Description: TSD - General

Violation Type: 264.A
Violation Determined Date: 19960523
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19970605
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19960523
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 261.5
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19950421
Scheduled Compliance Date: 19950809
Return to Compliance: Observed
Actual Return to Compl: 19950615
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19950421
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 262.20-23.B
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19950421
Scheduled Compliance Date: 19950809
Return to Compliance: Observed
Actual Return to Compl: 19950615
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19950421
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State

Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 264.30-37.C
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19950421
Scheduled Compliance Date: 19950809
Return to Compliance: Observed
Actual Return to Compl: 19950615
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19950421
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 264.10-18.B
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19950421
Scheduled Compliance Date: 19950809
Return to Compliance: Observed
Actual Return to Compl: 19950615
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19950421
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 264.170-177.I
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19950328
Scheduled Compliance Date: 19950809
Return to Compliance: Observed
Actual Return to Compl: 19950328
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19950421
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 262.50-60
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19921203
Scheduled Compliance Date: 19930311
Return to Compliance: Observed
Actual Return to Compl: 19930706
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19921207
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 264.50-56.D
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19921203
Scheduled Compliance Date: 19930311
Return to Compliance: Observed
Actual Return to Compl: 19930706
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19921207
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 264.10-18.B
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19921203
Scheduled Compliance Date: 19930311
Return to Compliance: Observed
Actual Return to Compl: 19930706
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19921207
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 264.30-37.C
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19921203
Scheduled Compliance Date: 19930311
Return to Compliance: Observed
Actual Return to Compl: 19930706
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19921207
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 264.110-120.G
Violation Short Description: TSD - Closure/Post-Closure
Violation Type: 264.G
Violation Determined Date: 19921203
Scheduled Compliance Date: 19930311
Return to Compliance: Observed
Actual Return to Compl: 19930706
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL

Enforcement Action Date: 19921207
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - FEA
Violation Short Description: Formal Enforcement Agreement or Order
Violation Type: FEA
Violation Determined Date: 19840418
Scheduled Compliance Date: 19840520
Return to Compliance: Observed
Actual Return to Compl: 19921027
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19840410
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 262.10-12.A
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19831005
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19840418
Violation Responsible Agency: State

Evaluation Details

Evaluation Start Date: 20180313
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20180307
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20170404
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20170307
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20170307
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 20170525
Evaluation Agency: State

Evaluation Start Date: 20160708
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20160620
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20150821
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20150610
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20150610
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20121106
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20120625
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20110627
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20110210
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20110124
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Container Use and Management

Return to Compliance Date: 20110627
Evaluation Agency: State

Evaluation Start Date: 20110124
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: State Statute or Regulation
Return to Compliance Date: 20120309
Evaluation Agency: State

Evaluation Start Date: 20110124
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: State Statute or Regulation
Return to Compliance Date: 20110627
Evaluation Agency: State

Evaluation Start Date: 20110124
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Manifest/Records/Reporting
Return to Compliance Date: 20110627
Evaluation Agency: State

Evaluation Start Date: 20110124
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Permits - Conditions
Return to Compliance Date: 20110627
Evaluation Agency: State

Evaluation Start Date: 20110124
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Universal Waste - Destination Facilities
Return to Compliance Date: 20110413
Evaluation Agency: State

Evaluation Start Date: 20110124
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Permits - Application
Return to Compliance Date: 20110627
Evaluation Agency: State

Evaluation Start Date: 20110124
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 20121016
Evaluation Agency: State

Evaluation Start Date: 20110124
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Universal Waste - General
Return to Compliance Date: 20110413
Evaluation Agency: State

Evaluation Start Date: 20110124
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Tank System Standards
Return to Compliance Date: 20110627
Evaluation Agency: State

Evaluation Start Date: 20110124
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20110124
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 20110627
Evaluation Agency: State

Evaluation Start Date: 20110124
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: State Statute or Regulation
Return to Compliance Date: 20110311
Evaluation Agency: State

Evaluation Start Date: 20100311
Evaluation Type Description: FOLLOW-UP INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20100203
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 20100412
Evaluation Agency: State

Evaluation Start Date: 20091223
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20091028
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: State Statute or Regulation
Return to Compliance Date: 20091124
Evaluation Agency: State

Evaluation Start Date: 20091028
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20091028
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Manifest/Records/Reporting
Return to Compliance Date: 20091223
Evaluation Agency: State

Evaluation Start Date: 20091028
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Universal Waste - Large Quantity Handlers
Return to Compliance Date: 20091214
Evaluation Agency: State

Evaluation Start Date: 20091028
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD IS-Closure/Post-Closure
Return to Compliance Date: 20091223
Evaluation Agency: State

Evaluation Start Date: 20091028
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: State Statute or Regulation
Return to Compliance Date: 20091214
Evaluation Agency: State

Evaluation Start Date: 20091028
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Tank System Standards
Return to Compliance Date: 20091223
Evaluation Agency: State

Evaluation Start Date: 20091028
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: State Statute or Regulation

Return to Compliance Date: 20091223
Evaluation Agency: State

Evaluation Start Date: 20091021
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20090130
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20080911
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20080731
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: State Statute or Regulation
Return to Compliance Date: 20080731
Evaluation Agency: State

Evaluation Start Date: 20080501
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description: TSD IS-Financial Requirements
Return to Compliance Date: 20080522
Evaluation Agency: State

Evaluation Start Date: 20080501
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description: TSD IS-Financial Requirements
Return to Compliance Date: 20080516
Evaluation Agency: State

Evaluation Start Date: 20071022
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 20071105
Evaluation Agency: State

Evaluation Start Date: 20071003
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: State Statute or Regulation
Return to Compliance Date: 20071004
Evaluation Agency: State

Evaluation Start Date: 20061219
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 20061219
Evaluation Agency: State

Evaluation Start Date: 20061129
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 20070111
Evaluation Agency: State

Evaluation Start Date: 20060927
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: State Statute or Regulation
Return to Compliance Date: 20061004
Evaluation Agency: State

Evaluation Start Date: 20060927
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: State Statute or Regulation
Return to Compliance Date: 20061011
Evaluation Agency: State

Evaluation Start Date: 20060926
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20090130
Evaluation Agency: State

Evaluation Start Date: 20060926
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Manifest/Records/Reporting
Return to Compliance Date: 20090130
Evaluation Agency: State

Evaluation Start Date: 20060926
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20060926
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20061004
Evaluation Agency: State

Evaluation Start Date: 20060616
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20060511
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20060131
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 20060511
Evaluation Agency: State

Evaluation Start Date: 20060131
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20060131
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 20060926
Evaluation Agency: State

Evaluation Start Date: 20060110
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20051012
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - General

Return to Compliance Date: 20051021
Evaluation Agency: State

Evaluation Start Date: 20050727
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date:
Evaluation Agency: State Contractor/Grantee

Evaluation Start Date: 20050204
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20041220
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 20050103
Evaluation Agency: State

Evaluation Start Date: 20040528
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 20040924
Evaluation Agency: State

Evaluation Start Date: 20030725
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20030616
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 20030725
Evaluation Agency: State

Evaluation Start Date: 20030616
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20030416
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20000814
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 20010102
Evaluation Agency: State

Evaluation Start Date: 20000814
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Transporters - Manifest System and Recordkeeping
Return to Compliance Date: 20010102
Evaluation Agency: State

Evaluation Start Date: 20000814
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Permits - Application
Return to Compliance Date: 20010102
Evaluation Agency: State

Evaluation Start Date: 19981118
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19981124
Evaluation Agency: State

Evaluation Start Date: 19971217
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19970617
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19960523
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19970605
Evaluation Agency: State

Evaluation Start Date: 19960523
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19970605
Evaluation Agency: State

Evaluation Start Date: 19960417
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19950328
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19950615
Evaluation Agency: State

Evaluation Start Date: 19950328
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19950615
Evaluation Agency: State

Evaluation Start Date: 19950328
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19950328
Evaluation Agency: State

Evaluation Start Date: 19921106
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19921027
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19930706
Evaluation Agency: State

Evaluation Start Date: 19921027
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Closure/Post-Closure

Return to Compliance Date: 19930706
Evaluation Agency: State

Evaluation Start Date: 19921027
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19930706
Evaluation Agency: State

Evaluation Start Date: 19840418
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Formal Enforcement Agreement or Order
Return to Compliance Date: 19921027
Evaluation Agency: State

Evaluation Start Date: 19831005
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19840418
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19830219
Handler Name: ALL METALS INC DBA ECS REFINING
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900430
Handler Name: E C S REFINING (DBA)
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19920228
Handler Name: E C S REFINING (DBA)
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19960901
Handler Name: ALL METALS INC DBA ECS REFINING
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20020330
Handler Name: ECS REFINING
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: 171
Waste Code Description:

Hazardous Waste Code: 172
Waste Code Description:

Hazardous Waste Code: 181
Waste Code Description:

Hazardous Waste Code: 541
Waste Code Description:

Hazardous Waste Code: D008
Waste Code Description:

Hazardous Waste Code: D011
Waste Code Description:

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20040220
Handler Name: ECS REFINING
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description:

Hazardous Waste Code: D011
Waste Code Description:

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20060228
Handler Name: ECS REFINING

Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: 132
Waste Code Description:

Hazardous Waste Code: 141
Waste Code Description:

Hazardous Waste Code: 171
Waste Code Description:

Hazardous Waste Code: 172
Waste Code Description:

Hazardous Waste Code: 181
Waste Code Description:

Hazardous Waste Code: 272
Waste Code Description:

Hazardous Waste Code: 491
Waste Code Description:

Hazardous Waste Code: 541
Waste Code Description:

Hazardous Waste Code: 551
Waste Code Description:

Hazardous Waste Code: 591
Waste Code Description:

Hazardous Waste Code: D008
Waste Code Description:

Hazardous Waste Code: D011
Waste Code Description:

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20080228
Handler Name: ECS REFINING
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description:

Hazardous Waste Code: D011
Waste Code Description:

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100707
Handler Name: ECS REFINING

Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 132
Waste Code Description:

Hazardous Waste Code: 181
Waste Code Description:

Hazardous Waste Code: 541
Waste Code Description:

Hazardous Waste Code: D008
Waste Code Description:

Hazardous Waste Code: D011
Waste Code Description:

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20120305
Handler Name: ECS REFINING LLC
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: 121
Waste Code Description:

Hazardous Waste Code: 132
Waste Code Description:

Hazardous Waste Code: 141
Waste Code Description:

Hazardous Waste Code: 171
Waste Code Description:

Hazardous Waste Code: 172
Waste Code Description:

Hazardous Waste Code: 181
Waste Code Description:

Hazardous Waste Code: 221
Waste Code Description:

Hazardous Waste Code: 491
Waste Code Description:

Hazardous Waste Code: 541
Waste Code Description:

Hazardous Waste Code: 551
Waste Code Description:

Hazardous Waste Code: 591
Waste Code Description:

Hazardous Waste Code: D004
Waste Code Description:

Hazardous Waste Code: D005
Waste Code Description:

Hazardous Waste Code: D006
Waste Code Description:

Hazardous Waste Code: D007
Waste Code Description:

Hazardous Waste Code: D008
Waste Code Description:

Hazardous Waste Code: D010
Waste Code Description:

Hazardous Waste Code: D011
Waste Code Description:

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20120911
Handler Name: ECS REFINING
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 121
Waste Code Description:

Hazardous Waste Code: 132
Waste Code Description:

Hazardous Waste Code: 133
Waste Code Description:

Hazardous Waste Code: 135
Waste Code Description:

Hazardous Waste Code: 141
Waste Code Description:

Hazardous Waste Code: 171
Waste Code Description:

Hazardous Waste Code: 172
Waste Code Description:

Hazardous Waste Code: 181
Waste Code Description:

Hazardous Waste Code: 221
Waste Code Description:

Hazardous Waste Code: 223
Waste Code Description:

Hazardous Waste Code: 541
Waste Code Description:

Hazardous Waste Code: 551
Waste Code Description:

Hazardous Waste Code: 591
Waste Code Description:

Hazardous Waste Code: D008
Waste Code Description:

Hazardous Waste Code: D011
Waste Code Description:

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20140301
Handler Name: ECS REFINING, LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 121
Waste Code Description:

Hazardous Waste Code: 132
Waste Code Description:

Hazardous Waste Code: 133
Waste Code Description:

Hazardous Waste Code: 135
Waste Code Description:

Hazardous Waste Code: 141
Waste Code Description:

Hazardous Waste Code: 171
Waste Code Description:

Hazardous Waste Code: 172
Waste Code Description:

Hazardous Waste Code: 181
Waste Code Description:

Hazardous Waste Code: 221
Waste Code Description:

Hazardous Waste Code: 223
Waste Code Description:

Hazardous Waste Code: 541
Waste Code Description:

Hazardous Waste Code: 551
Waste Code Description:

Hazardous Waste Code: 591
Waste Code Description:

Hazardous Waste Code: D008
Waste Code Description:

Hazardous Waste Code: D009
Waste Code Description:

Hazardous Waste Code: D010

Waste Code Description:

Hazardous Waste Code: D011
Waste Code Description:

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20161031
Handler Name: ECS REFINING, LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 132
Waste Code Description:

Hazardous Waste Code: 181
Waste Code Description:

Hazardous Waste Code: 221
Waste Code Description:

Hazardous Waste Code: D001
Waste Code Description:

Hazardous Waste Code: D008
Waste Code Description:

Hazardous Waste Code: D011
Waste Code Description:

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20180214
Handler Name: ECS REFINING
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 171
Waste Code Description:

Hazardous Waste Code: 172
Waste Code Description:

Hazardous Waste Code: 181
Waste Code Description:

Hazardous Waste Code: 221
Waste Code Description:

Hazardous Waste Code: 223
Waste Code Description:

Hazardous Waste Code: D001
Waste Code Description:

Hazardous Waste Code: D004

Waste Code Description:

Hazardous Waste Code: D005
Waste Code Description:

Hazardous Waste Code: D007
Waste Code Description:

Hazardous Waste Code: D008
Waste Code Description:

Hazardous Waste Code: D010
Waste Code Description:

Hazardous Waste Code: D011
Waste Code Description:

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20200814
Handler Name: FORMER ECS 705 REED ST
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: 135
Waste Code Description:

Hazardous Waste Code: 181
Waste Code Description:

Hazardous Waste Code: 331
Waste Code Description:

Hazardous Waste Code: D001
Waste Code Description:

Hazardous Waste Code: D006
Waste Code Description:

Hazardous Waste Code: D008
Waste Code Description:

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: HUBERT D. FORSYTH
Date Became Current: 19550101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report update with Notification
Street No: 221
Street 1: MONTGOMERY STREET
Street 2:
City: SAN FRANCISCO
State: CA
Country: US
Zip Code: 94104

Owner/Operator Ind: Current Owner
Type: Private
Name: KEN TAGGART
Date Became Current: 19800201
Date Ended Current:
Phone: 408-200-7000
Source Type: Annual/Biennial Report update with Notification
Street No:
Street 1: 705 REED STREET
Street 2:
City: SANTA CLARA
State: CA
Country: US
Zip Code: 95050

Owner/Operator Ind: Current Operator
Street No:

Type:	Private	**Street 1:**	
Name:	ECS REFINING LLC	**Street 2:**	
Date Became Current:	20120206	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	705 REED STREET
Name:	ECS REFINING TEXAS, LLC	**Street 2:**	
Date Became Current:	20030101	**City:**	SANTA CLARA
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	95050
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	705 REED ST
Name:	ECS REFINING	**Street 2:**	
Date Became Current:		**City:**	SANTA CLARA
Date Ended Current:		**State:**	CA
Phone:	408-988-4386	**Country:**	
Source Type:	Implementer	**Zip Code:**	95050
Owner/Operator Ind:	Current Owner	**Street No:**	705
Type:	Private	**Street 1:**	REED STREET
Name:	MS. LAURA BOLIN	**Street 2:**	
Date Became Current:	19801001	**City:**	SANTA CLARA
Date Ended Current:		**State:**	CA
Phone:	408-556-0200	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	95050
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	705 REED STREET
Name:	ECS REFINING	**Street 2:**	
Date Became Current:	19800201	**City:**	SANTA CLARA
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	95050
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ECS REFINING	**Street 2:**	
Date Became Current:	19800201	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	221 MONTGOMERY STREET
Name:	HUBERT D. FORSYTH	**Street 2:**	
Date Became Current:	19550101	**City:**	SAN FRANCISCO
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	94104
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	JIM TAGGART	**Street 2:**	
Date Became Current:	19801001	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	4020
Type:	Private	**Street 1:**	MOORPARK AVENUE
Name:	FORSYTH BOLIN PROPERTY MANAGEMENT LLC	**Street 2:**	SUITE 218
Date Became Current:	20110101	**City:**	SAN JOSE
Date Ended Current:		**State:**	CA

Phone:	408-556-0200	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	95117
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ECS REFINING	**Street 2:**	
Date Became Current:	19800201	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	
Owner/Operator Ind:	Current Operator	**Street No:**	705
Type:	Private	**Street 1:**	REED STREET
Name:	ECS REFINING	**Street 2:**	
Date Became Current:	19800201	**City:**	SANTA CLARA
Date Ended Current:		**State:**	CA
Phone:	408-200-7000	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	95050
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	705 REED STREET
Name:	HUBERT FORSYTH	**Street 2:**	
Date Became Current:	19550101	**City:**	SANTA CLARA
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	95050
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	220 MONTGOMERY ST
Name:	PEARL FORSYTH HUBERT D FORSYTH TRUSTEE	**Street 2:**	
Date Became Current:		**City:**	SAN FRANCISCO
Date Ended Current:		**State:**	CA
Phone:	415-392-2914	**Country:**	
Source Type:	Notification	**Zip Code:**	94104
Owner/Operator Ind:	Current Operator	**Street No:**	24212
Type:	Private	**Street 1:**	SE 40TH PL
Name:	FORSYTH BOLIN PROPERTY MANAGEMENT, LLC	**Street 2:**	
Date Became Current:	20190901	**City:**	ISSAQUAH
Date Ended Current:		**State:**	WA
Phone:	425-221-5517	**Country:**	US
Source Type:	Notification	**Zip Code:**	98029
Owner/Operator Ind:	Current Owner	**Street No:**	24212
Type:	Private	**Street 1:**	SE 40TH PL
Name:	FORSYTH BOLIN PROPERTY MANAGEMENT LLC	**Street 2:**	
Date Became Current:		**City:**	ISSAQUAH
Date Ended Current:		**State:**	WA
Phone:	425-221-5517	**Country:**	US
Source Type:	Notification	**Zip Code:**	98029
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	221 MONTGOMERY ST
Name:	HUBERT FORSYTH	**Street 2:**	
Date Became Current:	19550101	**City:**	SAN FRANCISCO
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	94105

Historical Handler Details

Receive Dt:	20180214
Generator Code Description:	Small Quantity Generator
Handler Name:	ECS REFINING

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Receive Dt: 20161031
Generator Code Description: Large Quantity Generator
Handler Name: ECS REFINING, LLC

Receive Dt: 20140301
Generator Code Description: Large Quantity Generator
Handler Name: ECS REFINING, LLC

Receive Dt: 20120911
Generator Code Description: Large Quantity Generator
Handler Name: ECS REFINING

Receive Dt: 20120305
Generator Code Description: Small Quantity Generator
Handler Name: ECS REFINING LLC

Receive Dt: 20100707
Generator Code Description: Large Quantity Generator
Handler Name: ECS REFINING

Receive Dt: 20080228
Generator Code Description: Large Quantity Generator
Handler Name: ECS REFINING

Receive Dt: 20060228
Generator Code Description: Large Quantity Generator
Handler Name: ECS REFINING

Receive Dt: 20040220
Generator Code Description: Large Quantity Generator
Handler Name: ECS REFINING

Receive Dt: 20020330
Generator Code Description: Large Quantity Generator
Handler Name: ECS REFINING

Receive Dt: 19960901
Generator Code Description: Small Quantity Generator
Handler Name: ALL METALS INC DBA ECS REFINING

Receive Dt: 19920228
Generator Code Description: Small Quantity Generator
Handler Name: E C S REFINING (DBA)

Receive Dt: 19900430
Generator Code Description: Small Quantity Generator
Handler Name: E C S REFINING (DBA)

Receive Dt: 19830219
Generator Code Description: Large Quantity Generator
Handler Name: ALL METALS INC DBA ECS REFINING

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66 | ***2 of 5*** | ***ENE*** | ***0.67 / 3,555.44*** | ***54.92 / -21*** | ***FORMER ECS 705 REED ST***
705 REED ST
SANTA CLARA CA 95050 | ***INSP***
COMP ENF

EPA ID: CAD003963592
Geotracker Address: 705 REED ST
Geotracker City: SANTA CLARA
County: SANTA CLARA
Geotracker Lat: 37.359708
Geotracker Long: -121.945473
Report URL: https://www.envirostor.dtsc.ca.gov/public/eerp_profile_report?global_id=3000014

Inspection Information

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: Minor
Inspection Date: 3/7/2017
Return to Compliance: 5/25/2017

Report Sent Date: 5/5/2017

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Violations: No Violations
Inspection Date: 1/10/2006
Return to Compliance:
Report Sent Date: 1/13/2006

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: Class 1, Class 2
Inspection Date: 1/31/2006
Return to Compliance: 9/26/2006
Report Sent Date: 8/17/2006

Inspection Type: Follow-up Inspection - Universal Waste Electronics Recycler
Violations: No Violations
Inspection Date: 3/11/2010
Return to Compliance:
Report Sent Date: 1/6/2011

Inspection Type: Financial Records Review - Standardized Permit
Violations: No Violations
Inspection Date: 8/21/2015
Return to Compliance:
Report Sent Date: 8/21/2015

Inspection Type: Financial Records Review - Standardized Permit
Violations: No Violations
Inspection Date: 4/4/2017
Return to Compliance:
Report Sent Date: 4/4/2017

Inspection Type: Financial Records Review - Universal Waste Electronics Recycler
Violations: No Violations
Inspection Date: 3/13/2018
Return to Compliance:
Report Sent Date: 3/13/2018

Inspection Type: Financial Records Review - Standardized Permit
Violations: No Violations
Inspection Date: 2/4/2005
Return to Compliance:
Report Sent Date: 2/17/2005

Inspection Type: Financial Records Review - Universal Waste Electronics Recycler
Violations: No Violations
Inspection Date: 7/8/2016
Return to Compliance:
Report Sent Date: 7/8/2016

Inspection Type: Focused Compliance Inspection - Universal Waste Electronics Recycler
Violations: No Violations
Inspection Date: 3/7/2017
Return to Compliance:
Report Sent Date: 3/9/2017

Inspection Type: Focused Compliance Inspection - Universal Waste Electronics Recycler
Violations: Minor
Inspection Date: 12/20/2004
Return to Compliance: 1/3/2005
Report Sent Date: 12/20/2004

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: Class 1, Class 2
Inspection Date: 1/24/2011
Return to Compliance: 10/16/2012
Report Sent Date: 3/9/2012

Inspection Type: Focused Compliance Inspection - Universal Waste Electronics Recycler

Violations: Class 1, Class 2
Inspection Date: 1/24/2011
Return to Compliance: 4/13/2011
Report Sent Date: 3/9/2012

Inspection Type: Focused Compliance Inspection - Universal Waste Electronics Recycler
Violations: No Violations
Inspection Date: 3/7/2018
Return to Compliance:
Report Sent Date: 3/7/2018

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: Class 2
Inspection Date: 8/14/2000
Return to Compliance: 1/2/2001
Report Sent Date: 11/16/2000

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: No Violations
Inspection Date: 4/16/2003
Return to Compliance:
Report Sent Date: 7/28/2003

Inspection Type: Financial Records Review - Standardized Permit
Violations: Class 1
Inspection Date: 6/16/2003
Return to Compliance: 7/25/2003
Report Sent Date: 7/29/2003

Inspection Type: Focused Compliance Inspection - Universal Waste Electronics Recycler
Violations: No Violations
Inspection Date: 6/25/2012
Return to Compliance:
Report Sent Date: 11/6/2012

Inspection Type: Focused Compliance Inspection - Universal Waste Electronics Recycler
Violations: No Violations
Inspection Date: 6/20/2016
Return to Compliance:
Report Sent Date: 6/20/2016

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: Class 2
Inspection Date: 5/28/2004
Return to Compliance: 9/24/2004
Report Sent Date: 7/14/2004

Inspection Type: Focused Compliance Inspection - Universal Waste Electronics Recycler
Violations: Class 2
Inspection Date: 10/12/2005
Return to Compliance: 10/21/2005
Report Sent Date: 10/12/2005

Inspection Type: Compliance Evaluation Inspection - Generator
Violations: Class 2
Inspection Date: 10/3/2007
Return to Compliance: 10/4/2007
Report Sent Date: 10/4/2007

Inspection Type: Focused Compliance Inspection - Universal Waste Electronics Recycler
Violations: Class 2
Inspection Date: 10/28/2009
Return to Compliance: 12/14/2009
Report Sent Date: 11/24/2009

Inspection Type: Financial Records Review - Standardized Permit
Violations: Minor
Inspection Date: 2/3/2010
Return to Compliance: 4/12/2010

Report Sent Date: 2/8/2010

Inspection Type: Financial Records Review - Standardized Permit
Violations: No Violations
Inspection Date: 2/10/2011
Return to Compliance:
Report Sent Date: 2/10/2011

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: No Violations
Inspection Date: 6/10/2015
Return to Compliance:
Report Sent Date: 4/20/2016

Inspection Type: Focused Compliance Inspection - Universal Waste Electronics Recycler
Violations: Class 1, Class 2
Inspection Date: 9/27/2006
Return to Compliance: 10/11/2006
Report Sent Date: 2/23/2007

Inspection Type: Financial Records Review - Generator
Violations: Class 2, Minor
Inspection Date: 5/1/2008
Return to Compliance: 5/22/2008
Report Sent Date: 5/5/2008

Inspection Type: Focused Compliance Inspection - Universal Waste Electronics Recycler
Violations: Minor
Inspection Date: 7/31/2008
Return to Compliance: 7/31/2008
Report Sent Date: 7/31/2008

Inspection Type: Compliance Evaluation Inspection - Standardized Permit
Violations: Class 1, Class 2, Minor
Inspection Date: 10/28/2009
Return to Compliance: 12/23/2009
Report Sent Date: 5/10/2010

Inspection Type: Financial Records Review - Universal Waste Electronics Recycler
Violations: No Violations
Inspection Date: 11/6/2012
Return to Compliance:
Report Sent Date: 11/6/2012

Inspection Type: Focused Compliance Inspection - Universal Waste Electronics Recycler
Violations: No Violations
Inspection Date: 6/10/2015
Return to Compliance:
Report Sent Date: 6/10/2015

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Violations: No Violations
Inspection Date: 6/16/2006
Return to Compliance:
Report Sent Date: 6/19/2006

Inspection Type: Compliance Evaluation Inspection - Generator
Violations: Class 1, Class 2, Minor
Inspection Date: 9/26/2006
Return to Compliance: 1/30/2009
Report Sent Date: 2/22/2007

Inspection Type: Financial Records Review - Universal Waste Electronics Recycler
Violations: No Violations
Inspection Date: 9/11/2008
Return to Compliance:
Report Sent Date: 9/15/2008

Inspection Type: Financial Records Review - Universal Waste Electronics Recycler

Violations: Class 2
Inspection Date: 11/29/2006
Return to Compliance: 1/11/2007
Report Sent Date: 12/1/2006

Enforcement Information (ENVIROSTOR ICE Sites Data Download)

Enforcement Type: Enforcement Order Issued (210)
Enforcement Date: 12/15/2006

Enforcement Type: Final Administrative Settlement (310)
Enforcement Date: 10/30/2007

Enforcement Type: Enforcement Order Issued (210)
Enforcement Date: 1/7/2009

Enforcement Type: Final Administrative Settlement (310)
Enforcement Date: 5/12/2009

Enforcement Type: Consent Order with Enforcement and Settlement - Federal CA/FO (385)
Enforcement Date: 4/8/2015

Permitting

Site Code: 200247
Program Type: HAZARDOUS WASTE FACILITY
Facility Type: HIST PERMITTED
Calenviro Screen Percentile Sc: 76-80%
Site Facility Type: NON-OPERATING - PERMIT AUTHORITY: Standardized
Assembly District: 25
Senate District: 10
Census Tract: 6085505202
Facility History:

QUARTERLY UPDATE
Quarterly Update Period: January to March 2021
Facility Closure
DTSC received the final certified closure report and accepted the closure certification. Hazardous waste is no longer being treated or stored at this location and the final facility closure is complete. The facility previously operated under a Standardized Hazardous Waste Facility permit that expired on January 8, 2019. The facility ceased operations on June 29, 2018 during bankruptcy proceedings.
FACILITY DESCRIPTION/HISTORY
ECS Refining was located at 705 Reed Street in Santa Clara. ECS was a metal recycler that operated a hazardous waste storage and treatment facility to reclaim precious and base metals from photochemical wastes, metal-bearing wastewaters, tin/lead solder dross and related wastes from electronic manufacturing, and other metal-bearing solid hazardous waste. The site was entirely paved and fenced. The facility was located in a developed industrialized area near the San Jose International Airport. The area is zoned for heavy industry by the City of Santa Clara. The facility transported hazardous wastes to the facility for recycling. Two company trucks picked up hazardous and non-hazardous wastes throughout Northern California daily. In addition, third party trucks made pickups and deliveries of hazardous and non-hazardous wastes several times daily. ECS had been operating at this location since 1979. The City of Santa Clara Historical District, a mixed use residential and commercial area, is located approximately 0.5 mile southwest, the University of Santa Clara is located within 1 mile southeast, and there are a few residences located 0.25 mile from this former facility.
PERMITTING REGULATORY DESCRIPTION/HISTORY
ECS received Standardized Permit Interim Status in 1993 and was issued a Standardized Hazardous Waste Facility Permit with an effective date of December 30, 1997. The permit expired on December 30, 2007. ECS submitted a timely renewal application in December 2006 . A renewal Standardized Permit was issued on January 9, 2009 with an expiration of January 8, 2019. The Series A Standardized Permit authorized ECS to operate a hazardous waste storage and treatment facility to reclaim precious and base metals from photochemical wastes, metal-bearing wastewaters, tin/lead solder dross and related wastes from electronic manufacturing, and other metal-bearing solid hazardous wastes. Since the permit was issued in 1997, the Facility submitted four Class 1 modifications for minor operational changes and permit application updates, and had closed most of the 27 permitted units, including administrative closure of six units never operated or constructed.

DTSC Investigation Compliance Enforcement Sites

Envirostor ID: 3000014
Status: No Action
FID Ice Sites Sp: 246
FID T1: 1040
Local Enviro Screen 3.0 Tract: 6085505202
Local Env Screen 3.0 Pctlran: 76 - 80%
Site Type: INSPECTION
Latitude: 37.359708
Longitude: -121.945473

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site Details from REST Service

Envirostor ID:	3000014	***Latitude:***	37.359708
Status:	No Action	***Longitude:***	-121.945473
Site Type:	INSPECTION		

Site Details (Download)

Envirostor ID:	3000014	***Address:***	705 REED ST
Site Type:	INSPECTION	***City:***	SANTA CLARA
Status:	No Action	***Zip:***	95050
County:	SANTA CLARA		
Project Name:	FORMER ECS 705 REED ST		

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66 | ***3 of 5*** | ***ENE*** | ***0.67 / 3,555.44*** | ***54.92 / -21*** | ***ECS REFINING (DBA)***
705 REED ST
SANTA CLARA CA 950500000 | ***ENVIROSTOR***

Estor/EPA ID:	80001527	***Assembly District:***	25
Site Code:	200247	***Senate District:***	10
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	224-38-024	***Public Partici Spclst:***	
Census Tract:	6085505202	***Project Manager:***	
Site Type:	CORRECTIVE ACTION	***County:***	SANTA CLARA
Address Description:	705 REED ST	***Latitude:***	37.359708
Office:	CLEANUP BERKELEY	***Longitude:***	-121.945473
Special Program:		***Acres:***	0.01 ACRES
Funding:		***Supervisor:***	MARK PIROS
Cleanup Status:	INACTIVE - NEEDS EVALUATION AS OF 1/1/2008		
Cleanup Oversight Agencies:	RWQCB 2 - SAN FRANCISCO BAY - LEAD AGENCY		
School District:			
Past Use that Caused Contam:	NONE SPECIFIED		
Potential Media Affected:	NONE SPECIFIED		
Potential Contamin of Concern:			

NONE SPECIFIED

Site History:

ECS Refining (ECS) is a metal recycler. ECS is currently permitted under a Standardized Hazardous Waste Facility Permit, Series A. The Standardized Hazardous Waste Facility Permit became effective on December 30, 1997 and expired on December 30, 2007. A renewal Standardized Permit was issued on January 9, 2009 with an expiration of January 8, 2019. The Series A Standardized Permit authorizes ECS to operate a hazardous waste storage and treatment facility to reclaim precious and base metals from photochemical wastes, metal-bearing wastewaters, tin/lead solder dross and related wastes from electronic manufacturing, and other metal-bearing solid hazardous waste.

Status:	INACTIVE - NEEDS EVALUATION
A2 Program Type:	CORRECTIVE ACTION
CalEnviroScreen Score:	76-80%
Summary Link:	https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80001527

Completed Activities

Title:	Other Instrument
Title Link:	
Area Name:	PROJECT WIDE
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	* Other Instrument
Date Completed:	1/1/1990
Comments:	

Title:	STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION (CA225NR)
Title Link:	
Area Name:	PROJECT WIDE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Area Link:
Sub Area:
Sub Area Link:
Document Type: Interim Measures Questionnaire
Date Completed: 3/30/1992
Comments: This information may require further investigation.

Title: RFA COMPLETED (CA050PA)
Title Link:
Area Name: PROJECT WIDE
Area Link:
Sub Area:
Sub Area Link:
Document Type: RCRA Facility Assessment Report
Date Completed: 2/24/1992
Comments: This information may require further investigation.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
66	4 of 5	ENE	0.67 / 3,555.44	54.92 / -21	FORMER ECS 705 REED ST 705 REED ST SANTA CLARA CA 950500000	ENVIROSTOR

Estor/EPA ID: CAD003963592
Site Code: 200247
Nat Priority List:
APN:
Census Tract: 6085505202
Site Type: NON-OPERATING
- PERMIT AUTHORITY: Standardized

Address Description: 705 REED ST
Office:
Special Program:
Funding:
Cleanup Status:
Cleanup Oversight Agencies:
School District:
Past Use that Caused Contam:
Potential Media Affected:
Potential Contamin of Concern:

Assembly District: 25
Senate District: 10
Permit Renewal Lead: ELENA ESPADA
Public Partici Spclst:
Project Manager: ELENA ESPADA
County: SANTA CLARA

Latitude: 37.359708
Longitude: -121.945473
Acres:
Supervisor:

Site History:

Status: NO ACTION
A2 Program Type: INSPECTION
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/eerp_profile_report?global_id=3000014

Status: NON-OPERATING
A2 Program Type: HAZ WASTE - Standardized
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_profile_report?global_id=CAD003963592

Permit Units - Completed Activities

Date: 12/9/2008
Event Description: RENEWAL - WITH CHANGES - PUBLIC COMMENT (PUBLIC MEETING)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 11/6/2008
Event Description: RENEWAL - WITH CHANGES - TECHNICAL COMPLETE LETTER
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/8482206046/ECS%5FTechComp%2Epdf
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?

cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 12/21/2006
Event Description: RENEWAL - WITH CHANGES - APPLICATION PART A RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 11/15/1993
Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Unit: CONTAIN1
Doc Link:
Unit Link:

Date: 3/30/1993
Event Description: NEW OPERATING PERMIT - APPLICATION PART B RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 4/6/1990
Event Description: NEW OPERATING PERMIT - RESPONSE TO 1ST NOD RECEIVED
Unit: CONTAIN1
Doc Link:
Unit Link:

Date: 8/29/2012
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EFFECTIVE)
Unit:
Doc Link:
Unit Link:

Date: 8/29/2012
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION
Unit:
Doc Link:
Unit Link:

Date: 7/17/2012
Event Description: *MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION
Unit:
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=734&document_category=FINAL+PERMIT&event_description=%2AMod+Class+1+%2D+No+Prior+Approval+Required+%2D+FINAL+PERMIT+MODIFICATION+&mytype=pa
Unit Link:

Date: 11/10/2008
Event Description: RENEWAL - WITH CHANGES - PUBLIC COMMENT (BEGIN)
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=5405&document_category=PUBLIC+COMMENT&event_description=Renewal+%2D+With+Changes+%2D+PUBLIC+COMMENT+%28BEGIN%29&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 12/21/2006
Event Description: RENEWAL - WITH CHANGES - APPLICATION PART B RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 9/15/2003
Event Description: *MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EFFECTIVE)
Unit:
Doc Link:
Unit Link:

Date: 5/8/1996
Event Description: NEW OPERATING PERMIT - 2ND NOTICE OF DEFICIENCY ISSUED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 1/8/2019
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EXPIRES)
Unit:
Doc Link:
Unit Link:

Date: 1/8/2019
Event Description: *MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EXPIRES)
Unit:
Doc Link:
Unit Link:

Date: 4/23/2013
Event Description: *MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EXPIRES)
Unit:
Doc Link:
Unit Link:

Date: 4/23/2013
Event Description: *MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION
Unit:
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=601&document_category=FINAL+PERMIT&event_description=%2AMod+Class+1%2A+%2D+Prior+Approval+Required+%2D+FINAL+PERMIT+MODIFICATION+&mytype=pa
Unit Link:

Date: 4/23/2013
Event Description: *MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EFFECTIVE)
Unit:
Doc Link:
Unit Link:

Date: 11/10/2008
Event Description: RENEWAL - WITH CHANGES - DRAFT PERMIT RENEWAL
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=5405&document_category=DRAFT+PERMIT&event_description=Renewal+%2D+With+Changes+%2D+DRAFT+PERMIT+RENEWAL+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 12/30/2007
Event Description: *MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EXPIRES)
Unit:
Doc Link:
Unit Link:

Date: 1/9/2009
Event Description: RENEWAL - WITH CHANGES - FINAL CEQA
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=5405&document_category=CEQA&event_description=Renewal+%2D+With+Changes+%2D+FINAL+CEQA+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 12/30/2007
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EXPIRES)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?

cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 8/22/2007
Event Description: RENEWAL - WITH CHANGES - 1ST NOTICE OF DEFICIENCY ISSUED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/2269712150/ECS%201st%20NOD%20Aug%2022%20%2Epdf
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 12/8/1997
Event Description: NEW OPERATING PERMIT - PUBLIC COMMENT (END)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 10/24/1997
Event Description: NEW OPERATING PERMIT - PUBLIC COMMENT (BEGIN)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 10/24/1997
Event Description: NEW OPERATING PERMIT - DRAFT PERMIT
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 11/15/1989
Event Description: NEW OPERATING PERMIT - APPLICATION PART B RECEIVED
Unit: CONTAIN1
Doc Link:
Unit Link:

Date: 10/1/1990
Event Description: NEW OPERATING PERMIT - 2ND NOTICE OF DEFICIENCY ISSUED
Unit: CONTAIN1
Doc Link:
Unit Link:

Date: 6/29/2018
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL - WITHDRAWAL REQUEST ACKNOWLEDGED
Unit: STORAGEAREAIV
Doc Link:
Unit Link:

Date: 9/21/2011
Event Description: *MOD CLASS 1* - PRIOR APPROVAL REQUIRED - PUBLIC NOTICE BY PERMITTEE
Unit:
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=601&document_category=PUBLIC+NOTICE+BY+PERMITTEE&event_description=%2AMod+Class+1%2A+%2D+Prior+Approval+Required+%2D+PUBLIC+NOTICE+BY+PERMITTEE+&mytype=pa
Unit Link:

Date: 1/9/2009
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL (EFFECTIVE)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 12/16/1997
Event Description: NEW OPERATING PERMIT - PUBLIC COMMENT (PUBLIC HEARING)
Unit: MULTIPLE UNITS
Doc Link:

Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 10/5/1995
Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Unit: CONTAIN1
Doc Link:
Unit Link:

Date: 3/23/2015
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - RESPONSE TO 1ST REQUEST FOR FUTHER INFORMATION RECEIVED
Unit:
Doc Link:
Unit Link:

Date: 8/29/2012
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - 1ST REQUEST FOR FURTHER INFORMATION
Unit:
Doc Link:
Unit Link:

Date: 7/17/2012
Event Description: *MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EFFECTIVE)
Unit:
Doc Link:
Unit Link:

Date: 1/9/2009
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=5405&document_category=FINAL+PERMIT&event_description=Renewal+%2D+With+Changes+%2D+FINAL+PERMIT+RENEWAL+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 12/30/1997
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EFFECTIVE)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 1/8/2019
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL (EXPIRES)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 4/9/1996
Event Description: NEW OPERATING PERMIT - 1ST NOTICE OF DEFICIENCY ISSUED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 11/6/2008
Event Description: RENEWAL - WITH CHANGES - FINAL PART A & PART B RECEIVED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=5405&document_category=FINAL+PART+A+%26+PART+B+RECEIVED&event_description=Renewal+%2D+With+Changes+%2D+FINAL+PART+A+%26+PART+B+RECEIVED+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 9/15/2003
Event Description: *MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION

Unit:
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/9873585343/27%20ECS%20REFINING%5FDTSC%20ACKNOWLEDGMENT%5FCLASS%201%20PERMIT%20MOD%5F09%5F15%5F2003%2Epdf
Unit Link:

Date: 12/30/1997
Event Description: NEW OPERATING PERMIT - FINAL PERMIT
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/7967771232/ECS%20Refining%20permit%20for%20envirostor%2Epdf
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 12/24/2008
Event Description: RENEWAL - WITH CHANGES - PUBLIC COMMENT (END)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Units Undergoing Closure

Date: 3/12/2021
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/6676563858/2021%2D03%2D12%20ECS%20Santa%20Clara%20Closure%20Ackn%20LK%2DDTSC%5FADA%2Epdf

Date: 6/29/2018
Event Description: CLOSURE ADMINISTRATIVE - ISSUE CLOSURE VERIFICATION
Unit: CRT GLASS WASHING UNIT
Doc Link:

Date: 7/10/2014
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: VACUUMEVAPORATION
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/4368375480/Final%20Acknowledgement%20Letter%20for%20Evaporator%2007%2D10%2D2014%2Epdf

Date: 3/17/2014
Event Description: CLOSURE - RECEIVE CLOSURE CERTIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/2750775992/ECS%20Refining%2DTank%20A%20B%203%20Closure%20%2D%20Final%20Report%2Dfor%20Envirostor%20signed%2Epdf

Date: 1/3/2014
Event Description: CLOSURE ADMINISTRATIVE - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/5300977408/27%20ECS%20REFINING%5FDTSC%20ACKNOWLEDGMENT%5FCLASS%201%20PERMIT%20MOD%5F09%5F15%5F2003%2Epdf

Date: 2/2/2012
Event Description: CLOSURE - RECEIVE CLOSURE CERTIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/5129865348/3%5FECS%20Refining%5FClosure%20Certification%5FUnit%201%20Tanks%5FClosure%20Certif%2E%5FPE%5Fdated%5F2%2D2%2D2012%2Epdf

Date: 1/9/2020
Event Description: CLOSURE - CLOSURE PLAN RECEIVED
Unit: MULTIPLE UNITS
Doc Link:

Date: 6/26/2019
Event Description: CLOSURE - CLOSURE PLAN REQUESTED
Unit: MULTIPLE UNITS
Doc Link:

Date: 7/8/2013
Event Description: CLOSURE ADMINISTRATIVE - ISSUE CLOSURE VERIFICATION
Unit: CONTAIN1
Doc Link:

Date: 1/24/2006
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link:

Date: 1/17/2020
Event Description: CLOSURE - FINAL CEQA
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/5701664566/2020%2D1%2D17%20AddendumND%5FECS%20Closure%20Plan%20Amendment%20%28LK%2DDTSC%29%5FRedacted%2Epdf

Date: 4/20/2005
Event Description: CLOSURE - RECEIVE CLOSURE CERTIFICATION
Unit: MULTIPLE UNITS
Doc Link:

Date: 2/17/2021
Event Description: CLOSURE - RECEIVE CLOSURE CERTIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/8343778312/2021%2D02%2D17%20705%20Reed%20St%20Santa%20Clara%20Closure%20Report%20rev%20Roux%2DFBPM%2Epdf

Date: 1/22/2020
Event Description: CLOSURE - CEQA DETERMINATION
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/1926212906/2008112030%5F2020%2D1%2D17%20Notice%20of%20Determination%5FECS%20Closure%20Plan%20Amendment%20%28LK%2DDTSC%29%2Epdf

Date: 1/17/2020
Event Description: CLOSURE - CLOSURE PLAN APPROVED
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/4457914054/2020%2D1%2D17%20ECS%20Santa%20Clara%20Closure%20Plan%20Amendment%20Approval%20%28EE%2DDTSC%29%2Epdf

Date: 2/17/2012
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=673&document_category=CLOSURE+VERIFICATION&event_description=Closure+%2D+ISSUE+CLOSURE+VERIFICATION+&mytype=pa

Date: 3/29/2011
Event Description: CLOSURE - CLOSURE PLAN RECEIVED
Unit: VACUUMEVAPORATION
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/7419828116/1%5FECS%20Refining%5FClosure%20Report%20for%20Unit%203%2DEvaporator%5F3%2D29%2D2011%2Epdf

Date: 6/29/2018
Event Description: CLOSURE - CLOSURE NOTICE RECEIVED
Unit: MULTIPLE UNITS
Doc Link:

Date: 12/30/2007
Event Description: CLOSURE ADMINISTRATIVE - ISSUE CLOSURE VERIFICATION
Unit: SHREDDER
Doc Link:

Date: 1/30/2015
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/8801496207/Final%20Acknowledgement%20Letter%20for%20Tanks%20A%2C%20B%2C%20and%203%2001%2D30%2D2015%20AG%2Epdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date: 3/17/2014
Event Description: CLOSURE - CLOSURE NOTICE RECEIVED
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/1235212028/PE%20Certificatin%20for%20Unit%201%20tanks%20A%20B%20and%203%2Epdf

Date: 6/1/1997
Event Description: CLOSURE - CLOSURE PLAN RECEIVED
Unit: MULTIPLE UNITS
Doc Link:

Date: 3/29/2011
Event Description: CLOSURE - RECEIVE CLOSURE CERTIFICATION
Unit: VACUUMEVAPORATION
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=1096&document_category=CLOSURE+CERTIFICATION&event_description=Closure+%2D+RECEIVE+CLOSURE+CERTIFICATION+&mytype=pa

Permit Maintenance - Completed Activities

Title: Fee for Service Notification
Title Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&doc_id=60007883&version=5
Document Type: CORRESPONDENCE
Date Completed: 10/27/2016

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
66	5 of 5	ENE	0.67 / 3,555.44	54.92 / -21	FORMER ECS 705 REED ST 705 REED ST SANTA CLARA CA 950500000	HWP

Estor/EPA ID: CAD003963592
Site Code: 200247
Nat Priority List:
Acres:
Special Program:
Funding:
Assembly District: 25
Senate District: 10
School District:
APN:
Cleanup Status:
Cleanup Oversight Agencies:
Site Type: NON-OPERATING
- PERMIT AUTHORITY: Standardized

Office:
Past Use that Caused Contam:
Potential Media Affected:
Potential Contamin of Concern:

Site History:

Permit Renewal Lead: ELENA ESPADA
Project Manager: ELENA ESPADA
Supervisor:
Public Partici Spclst:
Census Tract: 6085505202
County: SANTA CLARA
Latitude: 37.359708
Longitude: -121.945473

Status: NON-OPERATING
Program Type: HAZ WASTE - Standardized
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_profile_report?global_id=CAD003963592

Status: NO ACTION
Program Type: INSPECTION
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/eerp_profile_report?global_id=3000014

Permit Units - Completed Activities

Date: 8/29/2012
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EFFECTIVE)

Unit:
Doc Link:
Unit Link:

Date: 11/10/2008
Event Description: RENEWAL - WITH CHANGES - PUBLIC COMMENT (BEGIN)
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=5405&document_category=PUBLIC+COMMENT&event_description=Renewal+%2D+With+Changes+%2D+PUBLIC+COMMENT+%28BEGIN%29&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 6/29/2018
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL - WITHDRAWAL REQUEST ACKNOWLEDGED
Unit: STORAGEAREAIV
Doc Link:
Unit Link:

Date: 9/15/2003
Event Description: *MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION
Unit:
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/9873585343/27%20ECS%20REFINING%5FDTSC%20ACKNOWLEDGMENT%5FCLASS%201%20PERMIT%20MOD%5F09%5F15%5F2003%2Epdf
Unit Link:

Date: 10/24/1997
Event Description: NEW OPERATING PERMIT - PUBLIC COMMENT (BEGIN)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 5/8/1996
Event Description: NEW OPERATING PERMIT - 2ND NOTICE OF DEFICIENCY ISSUED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 12/9/2008
Event Description: RENEWAL - WITH CHANGES - PUBLIC COMMENT (PUBLIC MEETING)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 7/17/2012
Event Description: *MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION
Unit:
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=734&document_category=FINAL+PERMIT&event_description=%2AMod+Class+1+%2D+No+Prior+Approval+Required+%2D+FINAL+PERMIT+MODIFICATION+&mytype=pa
Unit Link:

Date: 11/6/2008
Event Description: RENEWAL - WITH CHANGES - FINAL PART A & PART B RECEIVED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=5405&document_category=FINAL+PART+A+%26+PART+B+RECEIVED&event_description=Renewal+%2D+With+Changes+%2D+FINAL+PART+A+%26+PART+B+RECEIVED+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 1/8/2019
Event Description: *MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EXPIRES)
Unit:
Doc Link:

Unit Link:

Date: 8/29/2012
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - 1ST REQUEST FOR FURTHER INFORMATION
Unit:
Doc Link:
Unit Link:

Date: 12/30/2007
Event Description: *MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EXPIRES)
Unit:
Doc Link:
Unit Link:

Date: 1/9/2009
Event Description: RENEWAL - WITH CHANGES - FINAL CEQA
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=5405&document_category=CEQA&event_description=Renewal+%2D+With+Changes+%2D+FINAL+CEQA+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 12/30/2007
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EXPIRES)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 9/15/2003
Event Description: *MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EFFECTIVE)
Unit:
Doc Link:
Unit Link:

Date: 11/6/2008
Event Description: RENEWAL - WITH CHANGES - TECHNICAL COMPLETE LETTER
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/8482206046/ECS%5FTechComp%2Epdf
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 11/15/1993
Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Unit: CONTAIN1
Doc Link:
Unit Link:

Date: 3/30/1993
Event Description: NEW OPERATING PERMIT - APPLICATION PART B RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 12/21/2006
Event Description: RENEWAL - WITH CHANGES - APPLICATION PART B RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 9/21/2011
Event Description: *MOD CLASS 1* - PRIOR APPROVAL REQUIRED - PUBLIC NOTICE BY PERMITTEE
Unit:
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=601&document_category=PUBLIC+NOTICE+BY+PERMITTEE&event_descri

ption=%2AMod+Class+1%2A+%2D+Prior+Approval+Required+%2D+PUBLIC+NOTICE+BY+PERMITTEE+&mytype=pa
Unit Link:

Date: 10/24/1997
Event Description: NEW OPERATING PERMIT - DRAFT PERMIT
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 11/15/1989
Event Description: NEW OPERATING PERMIT - APPLICATION PART B RECEIVED
Unit: CONTAIN1
Doc Link:
Unit Link:

Date: 10/1/1990
Event Description: NEW OPERATING PERMIT - 2ND NOTICE OF DEFICIENCY ISSUED
Unit: CONTAIN1
Doc Link:
Unit Link:

Date: 3/23/2015
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - RESPONSE TO 1ST REQUEST FOR FUTHER INFORMATION RECEIVED
Unit:
Doc Link:
Unit Link:

Date: 7/17/2012
Event Description: *MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EFFECTIVE)
Unit:
Doc Link:
Unit Link:

Date: 1/9/2009
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=5405&document_category=FINAL+PERMIT&event_description=Renewal+%2D+With+Changes+%2D+FINAL+PERMIT+RENEWAL+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 12/21/2006
Event Description: RENEWAL - WITH CHANGES - APPLICATION PART A RECEIVED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 4/9/1996
Event Description: NEW OPERATING PERMIT - 1ST NOTICE OF DEFICIENCY ISSUED
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 8/29/2012
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION
Unit:
Doc Link:
Unit Link:

Date: 4/23/2013
Event Description: *MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EXPIRES)
Unit:
Doc Link:

Unit Link:

Date: 10/5/1995
Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Unit: CONTAIN1
Doc Link:
Unit Link:

Date: 1/8/2019
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EXPIRES)
Unit:
Doc Link:
Unit Link:

Date: 4/23/2013
Event Description: *MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION
Unit:
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=601&document_category=FINAL+PERMIT&event_description=%2AMod+Class+1%2A+%2D+Prior+Approval+Required+%2D+FINAL+PERMIT+MODIFICATION+&mytype=pa
Unit Link:

Date: 8/22/2007
Event Description: RENEWAL - WITH CHANGES - 1ST NOTICE OF DEFICIENCY ISSUED
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/2269712150/ECS%201st%20NOD%20Aug%2022%20%2Epdf
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 1/9/2009
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL (EFFECTIVE)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 12/24/2008
Event Description: RENEWAL - WITH CHANGES - PUBLIC COMMENT (END)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 12/30/1997
Event Description: NEW OPERATING PERMIT - FINAL PERMIT
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/7967771232/ECS%20Refining%20permit%20for%20envirostor%2Epdf
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 11/10/2008
Event Description: RENEWAL - WITH CHANGES - DRAFT PERMIT RENEWAL
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=5405&document_category=DRAFT+PERMIT&event_description=Renewal+%2D+With+Changes+%2D+DRAFT+PERMIT+RENEWAL+&mytype=pa
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 4/6/1990
Event Description: NEW OPERATING PERMIT - RESPONSE TO 1ST NOD RECEIVED
Unit: CONTAIN1
Doc Link:
Unit Link:

Date: 1/8/2019
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL (EXPIRES)
Unit: MULTIPLE UNITS

Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5405

Date: 12/16/1997
Event Description: NEW OPERATING PERMIT - PUBLIC COMMENT (PUBLIC HEARING)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 12/30/1997
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EFFECTIVE)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 12/8/1997
Event Description: NEW OPERATING PERMIT - PUBLIC COMMENT (END)
Unit: MULTIPLE UNITS
Doc Link:
Unit Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_showunits?cmd=showpaunits&global_id=CAD003963592&link_key=5365

Date: 4/23/2013
Event Description: *MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EFFECTIVE)
Unit:
Doc Link:
Unit Link:

Units Undergoing Closure

Date: 6/29/2018
Event Description: CLOSURE ADMINISTRATIVE - ISSUE CLOSURE VERIFICATION
Unit: CRT GLASS WASHING UNIT
Doc Link:

Date: 2/2/2012
Event Description: CLOSURE - RECEIVE CLOSURE CERTIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/5129865348/3%5FECS%20Refining%5FClosure%20Certification%5FUnit%201%20Tanks%5FClosure%20Certif%2E%5FPE%5Fdated%5F2%2D2%2D2012%2Epdf

Date: 1/24/2006
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link:

Date: 2/17/2012
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=673&document_category=CLOSURE+VERIFICATION&event_description=Closure+%2D+ISSUE+CLOSURE+VERIFICATION+&mytype=pa

Date: 3/17/2014
Event Description: CLOSURE - CLOSURE NOTICE RECEIVED
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/1235212028/PE%20Certificatin%20for%20Unit%201%20tanks%20A%20B%20and%203%2Epdf

Date: 2/17/2021
Event Description: CLOSURE - RECEIVE CLOSURE CERTIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/8343778312/2021%2D02%2D17%20705%20Reed%20St%20Santa%20Clara%20Closure%20Report%20rev%20Roux%2DFBPM%2Epdf

Date: 1/22/2020
Event Description: CLOSURE - CEQA DETERMINATION
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/1926212906/2008112030%5F2020%2D1%2D17%20Notice%20of%20Determination%5FECS%20Closure%20Plan%20Amendment%20%28LK%2DDTSC%29%2Epdf

Date: 6/29/2018
Event Description: CLOSURE - CLOSURE NOTICE RECEIVED
Unit: MULTIPLE UNITS
Doc Link:

Date: 1/3/2014
Event Description: CLOSURE ADMINISTRATIVE - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/5300977408/27%20ECS%20REFINING%5FDTSC%20ACKNOWLEDGMENT%5FCLASS%201%20PERMIT%20MOD%5F09%5F15%5F2003%2Epdf

Date: 7/8/2013
Event Description: CLOSURE ADMINISTRATIVE - ISSUE CLOSURE VERIFICATION
Unit: CONTAIN1
Doc Link:

Date: 1/30/2015
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/8801496207/Final%20Acknowledgement%20Letter%20for%20Tanks%20A%2C%20B%2C%20and%203%2001%2D30%2D2015%20AG%2Epdf

Date: 6/1/1997
Event Description: CLOSURE - CLOSURE PLAN RECEIVED
Unit: MULTIPLE UNITS
Doc Link:

Date: 1/9/2020
Event Description: CLOSURE - CLOSURE PLAN RECEIVED
Unit: MULTIPLE UNITS
Doc Link:

Date: 6/26/2019
Event Description: CLOSURE - CLOSURE PLAN REQUESTED
Unit: MULTIPLE UNITS
Doc Link:

Date: 1/17/2020
Event Description: CLOSURE - FINAL CEQA
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/5701664566/2020%2D1%2D17%20AddendumND%5FECS%20Closure%20Plan%20Amendment%20%28LK%2DDTSC%29%5FRedacted%2Epdf

Date: 3/12/2021
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/6676563858/2021%2D03%2D12%20ECS%20Santa%20Clara%20Closure%20Ackn%20LK%2DDTSC%5FADA%2Epdf

Date: 1/17/2020
Event Description: CLOSURE - CLOSURE PLAN APPROVED
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/4457914054/2020%2D1%2D17%20ECS%20Santa%20Clara%20Closure%20Plan%20Amendment%20Approval%20%28EE%2DDTSC%29%2Epdf

Date: 3/29/2011
Event Description: CLOSURE - CLOSURE PLAN RECEIVED
Unit: VACUUMEVAPORATION
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/7419828116/1%5FECS%20Refining%5FClosure%20Report%20for%20Unit%203%2DEvaporator%5F3%2D29%2D2011%2Epdf

Date: 3/29/2011

Event Description: CLOSURE - RECEIVE CLOSURE CERTIFICATION
Unit: VACUUMEVAPORATION
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&link_key=1096&document_category=CLOSURE+CERTIFICATION&event_description=Closure+%2D+RECEIVE+CLOSURE+CERTIFICATION+&mytype=pa

Date: 4/20/2005
Event Description: CLOSURE - RECEIVE CLOSURE CERTIFICATION
Unit: MULTIPLE UNITS
Doc Link:

Date: 3/17/2014
Event Description: CLOSURE - RECEIVE CLOSURE CERTIFICATION
Unit: MULTIPLE UNITS
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/2750775992/ECS%20Refining%2DTank%20A%20B%203%20Closure%20%2D%20Final%20Report%2Dfor%20Envirostor%20signed%2Epdf

Date: 12/30/2007
Event Description: CLOSURE ADMINISTRATIVE - ISSUE CLOSURE VERIFICATION
Unit: SHREDDER
Doc Link:

Date: 7/10/2014
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Unit: VACUUMEVAPORATION
Doc Link: https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/4368375480/Final%20Acknowledgement%20Letter%20for%20Evaporator%2007%2D10%2D2014%2Epdf

Permit Maintenance - Completed Activities

Title: Fee for Service Notification
Title Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAD003963592&doc_id=60007883&version=5
Document Type: CORRESPONDENCE
Date Completed: 10/27/2016

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67 | **1 of 1** | **SE** | **0.69 / 3,647.93** | **85.67 / 10** | **HUBBLE QUARRY AND MILL**
SANTA CLARA COUNTY
SANTA CLARA CA 95050 | **MRDS**

Dep ID: 10189377
Dev Status: UNKNOWN
Code List: GRT
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10189377
I1: 28
Latitude: 37.346313
Longitude: -121.946777

Commodity

I1: 48
Code: GRT
Commodity: Granite
Commodity Type: Non-metallic
Commodity Group: Stone
Importance: Primary
Line: 1
Inserted By: MAS migration
Insert Date: 29-OCT-02
Updated By: USGS
Update Date: 29-OCT-02

Names

I1: 13
Status: Current
Site Name: Hubble Quarry and Mill
Line: 1
Inserted By: MAS migration
Insert Date: 29-OCT-02
Updated By: USGS
Update Date: 29-OCT-02

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68 | **1 of 1** | **ENE** | **0.70 / 3,694.51** | **57.53 / -18** | **DEVCO METAL FINISHING, INC.**
1745 GRANT STREET #3
SANTA CLARA CA 95050 | **ENVIROSTOR**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Estor/EPA ID: 71002359
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6085505202
Site Type: TIERED PERMIT
Address Description: 1745 GRANT STREET #3
Office: CLEANUP BERKELEY
Special Program:
Funding:
Assembly District:
Senate District:
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SANTA CLARA
Latitude: 37.3578316
Longitude: -121.9435064
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: INACTIVE - NEEDS EVALUATION
A2 Program Type: TIERED PERMIT
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71002359

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
69	1 of 1	ENE	0.71 / 3,723.45	55.02 / -20	BRADFORD MANUFACTURING-REED AND GRANT STREETS PROPERTY SOUTHWEST CORNER OF REED AND GRANT STREETS SANTA CLARA CA 95050	ENVIROSTOR

Estor/EPA ID: 60001129
Site Code: 201844
Nat Priority List: NO
APN: 224-02-002, 224-02-013, 224-02-014, 224-02-020, 224-02-023, 22402002, 22402013, 22402014, 22402020, 22402023
Census Tract: 6085505202
Site Type: VOLUNTARY CLEANUP
Address Description: SOUTHWEST CORNER OF REED AND GRANT STREETS
Office: CLEANUP BERKELEY
Special Program:
Funding: SITE PROPONENT
Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: CLAUDE JEMISON
County: SANTA CLARA
Latitude: 37.3587406653143
Longitude: -121.944894932541
Acres: 8.75 ACRES
Supervisor: CHERYL PROWELL
Cleanup Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY AS OF 4/22/2013
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: ABOVE GROUND STORAGE TANKS, DEGREASING FACILITY, FOUNDRY, MACHINE SHOP, MANUFACTURING - INDUSTRIAL MACHINERY, METAL PLATING - CHROME, METAL PLATING - OTHER
Potential Media Affected: OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL
Site History:

The Site includes the following physical addresses; 1710, 1720, 1730, 1740, 1744, 1746, 1748, 1850, Grant Street and 720, 780 Reed Street in Santa Clara, California. The site consists of five land parcels. The Site is presently occupied by numerous commercial / industrial buildings utilized as warehouses / shops with associated paved and unpaved parking lots and drive - through areas. Business activities at the Site, currently and in the past, included auto repair / auto wrecking and dismantling, metal forging, recycling services, roofing, and painting operations.

Potential Contamin of Concern:

ARSENIC
TPH-MOTOR OIL
TPH-DIESEL
UNDER INVESTIGATION

Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY - LAND USE RESTRICTIONS
A2 Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001129

Land Use Restrictions

Site Management Requirements:
DAY CARE CENTER PROHIBITED
ELDER CARE CENTER PROHIBITED
HOSPITAL USE PROHIBITED
LAND USE COVENANT
NO EXCAVATION OF CONTAMINATED SOILS WITHOUT AGENCY REVIEW AND APPROVAL
NO EXCAVATION OR ACTIVITIES WHICH DISTURB THE SOIL BELOW A SPECIFIED DEPTH (SEE COVENANT FOR DEPTH) WITHOUT AGENCY REVIEW AND APPROVAL OF A SOIL MANAGEMENT PLAN
NO GROUNDWATER EXTRACTION AT ANY DEPTH WITHOUT APPROVAL
NO OIL OR GAS EXTRACTION AT ANY DEPTH
NOTIFY AFTER CHANGE OF PROPERTY OWNER
NOTIFY PRIOR TO CHANGE IN LAND USE
NOTIFY PRIOR TO DEVELOPMENT
NOTIFY PRIOR TO SUBSURFACE WORK
PERFORM H&S PLAN PRIOR TO SUBSURFACE WORK
PUBLIC OR PRIVATE SCHOOL FOR PERSONS UNDER 21 PROHIBITED
RAISING OF FOOD PROHIBITED
RESIDENCE USE PROHIBITED
Title: Bradford Manufacturing Company-Reed and Grant Streets Property LUC
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?cmd=radocuments&global_id=60001129&enforcement_id=60253588
Date Recorded: 3/21/2013

Future Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Due Date: 2021

Completed Activities

Title: Annual Oversight Cost Estimate
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/24/2019
Comments:

Title: Land Use Restriction Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&doc_id=60404998
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 1/25/2017
Comments:

Title: 2014 Annual LUC Restriction Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=60321002
Area Name:
Area Link:
Sub Area:
Sub Area Link:

Document Type: * Land Use Restriction Monitoring Report
Date Completed: 2/26/2014
Comments: The Site owner performed an annual inspection to verify compliance with the Land Use Covenant and sent a letter to DTSC conveying that no violations to the Land Use Covenant were observed or were reported during the reporting period covered by this inspection.

Title: 2013/14 DTSC Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=60336701
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/2/2013
Comments: The estimated annual oversight cost for the 2013/14 fiscal year is $1,088.

Title: Bradford Manufacturing Company-Reed and Grant Streets Property RA Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&doc_id=60253580
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 3/1/2013
Comments: The Report documents the removal action, which consisted of excavating soil contaminated with arsenic and total petroleum hydrocarbons in the first two feet of soil, backfilling with clean imported fill, and confirmation soil sampling. Since residual soil contamination above levels that allow for unrestricted land use remains deeper than two feet below the ground surface, the remedy includes a Land Use Covenant restricting sensitive land uses on the site and requiring a soil management plan if soil deeper than two feet is disturbed.

Title: Supplemental Site Investigation Work Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&doc_id=6028582
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Workplan
Date Completed: 9/7/2010
Comments: DTSC approval the Supplemental Investigation Workplan. The results of this investigation will help DTSC determine what type(s) of remediation is needed at the site.

Title: Annual Oversight Cost Estimate FY20/21
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=60489041
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/6/2020
Comments: Emailed annual cost estimate letter on 10/6/2020.
-EC

Title: Annual Oversight Cost Estimate Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=60431429
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/9/2017
Comments: DTSC oversight cost estimate for fiscal year 2017/2018 (July 1, 2017 - June 30, 2018)

Title: Reed and Grant Streets Property Site Additional Groundwater Investigation Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&doc_id=60262070
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Investigation Workplan

Date Completed: 3/9/2011
Comments: Groundwater Investigation Workplan was prepared to fill in data gaps necessary to help define the extent of TPH contamination in the groundwater in the Northeastern portion of the Site.

Title: Supplemental Site Investigation
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 10/22/2010
Comments: Field work to implement the Supplemental Site Investigation Work Plan was completed.

Title: Bradford Manufacturing Company-Reed and Grant Streets Property Supplemental Investigation Report extension request
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&doc_id=60256353
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: *Correspondence - Received
Date Completed: 10/7/2010
Comments: The extension is being requested because delays in completing the building demolition and debris disposal continue to prevent access to soil sampling locations. Extension request was granted. New due date for the Supplemental Site Investigation Report is December 1, 2010.

Title: Bradford Manufacturing Company-Reed and Grant Streets Property LUC
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=60253588
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 3/21/2013
Comments: Residential and other sensitive land uses are prohibited on the Site by the Land Use Covenant.

Title: Bradford Manufacturing Company-Reed and Grant Streets Property Community Survey
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=60255922
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 10/18/2010
Comments: Community Survey completed.

Title: Correspondance
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 8/13/2018
Comments:

Title: Soil Management Plan and Health and Safety Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&doc_id=60408798
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Soils Management Plan
Date Completed: 4/26/2016
Comments:

Title: Land Use Restriction Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&doc_id=60469267

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction Monitoring Report
Date Completed: 2/25/2021
Comments: DTSC reviewed and approved the Land Use Covenant (LUC) Annual Inspection (Report) dated January 8, 2021 for the Bradford Manufacturing Reed and Grant Streets Property located at 750 Reed St, Santa Clara, CA. The Report documents the Site inspection performed on January 8, 2021 and meets the inspection and reporting requirements of the 2013 Land Use Covenant.
-EC

Title: Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=60448667
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/4/2018
Comments:

Title: Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=60395991
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/9/2015
Comments:

Title: LUC Restrictions Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&doc_id=60380951
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 3/17/2015
Comments: City of Santa Clara personnel performed an inspection of the site on 2/10/2015 to verify compliance with the Land Use Covenant restrictions. No violations of the Land Use Covenant were observed during the inspection or were reported during the reporting period.

Title: Bradford Manufacturing Company-Reed and Grant Streets Property Certification
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=60253589
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Certification
Date Completed: 4/22/2013
Comments: Remedial action completed at the Site. Residential and other sensitive land uses are prohibited by the Land Use Covenant. If soil deeper than two feet below the ground surface is disturbed, a DTSC-approved soil management plan is required.

Title: Bradford Manufacturing Company-Reed and Grant Streets Property RAW
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&doc_id=60253576
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Workplan
Date Completed: 5/10/2012
Comments: 30-day public comment period ended on April 30, 2012. No comments received. DTSC approved the Removal Action Workplan without modifications.

Title: Bradford Manufacturing Company-Reed and Grant Streets Property Notice of Exemption (CEQA)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=60290289

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Notice of Exemption
Date Completed: 5/8/2012
Comments:

Title: Bradford Manufacturing Company-Reed and Grant Streets Property RAW Fact Sheet
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&doc_id=60262068
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fact Sheets
Date Completed: 3/30/2012
Comments: The fact sheet announces the Grant & Reed Streets Property Draft RAW public comment period from March 30, 2012 through April 30, 2012.

Title: Reed and Grant - Supplemental Site Investigation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&doc_id=60189354
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Date Completed: 1/21/2011
Comments: Investigation indicated that soil and groundwater at the Site are impacted with elevated concentrations of TPH. Further investigation to determine the extent of the contamination is necessary.

Title: Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=60395992
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/30/2016
Comments:

Title: 2014/2015 DTSC Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=60380709
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/26/2014
Comments:

Title: RAW Implementation
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 12/14/2012
Comments: Removal Action Workplan implementation completed.

Title: 2012/13 Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=60310444
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/10/2012
Comments: The estimated annual oversight cost for the 2012/13 fiscal year for the Reed and Grant Street Site is $17,097.

Title: Reed and Grant Street Site 2011/2012 Annual Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=60285175
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 11/22/2011
Comments: 2011/2012 Annual DTSC Oversight Cost Estimate completed.

Title: Reed & Grant Streets VCA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&enforcement_id=6015438
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 10/5/2009
Comments: The Voluntary Cleanup Agreement between Bradford Manufacturing and DTSC was fully executed.

Title: Site Investigation Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&doc_id=6028599
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Date Completed: 6/1/2009
Comments: Report was prepared prior to DTSC oversight of the project and is included as part of the Site record.

Title: Transfer of Title
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 10/16/2014
Comments:

Title: Bradford Manufacturing Company-Reed and Grant Streets Property Community Profile
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&doc_id=60259428
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Community Profile
Date Completed: 12/29/2010
Comments: Site Community Profile completed. The Community Profile describes the community and identifies community concerns regarding the investigation of environmental conditions of the Bradford Manufacturing, Reed and Grant Streets Site.

Title: Soil Management Plan
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Soils Management Plan
Date Completed: 2/5/2018
Comments:

Title: Land Use Restriction Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001129&doc_id=60405000
Area Name:
Area Link:
Sub Area:
Sub Area Link:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Land Use Restriction Monitoring Report
Date Completed: 1/21/2016
Comments:

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70 *1 of 1* *ENE* *0.74 / 3,895.88* *58.58 / -17*

SANTA CLARA PLATING CO., INC.
1773 GRANT STREET
SANTA CLARA CA 95050

ENVIROSTOR

Estor/EPA ID: 71002588
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6085505202
Site Type: TIERED PERMIT
Address Description: 1773 GRANT STREET
Office: CLEANUP BERKELEY
Special Program:
Funding:
Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SANTA CLARA
Latitude: 37.3581829
Longitude: -121.9434567
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: INACTIVE - NEEDS EVALUATION
A2 Program Type: TIERED PERMIT
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71002588

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71 *1 of 1* *N* *0.75 / 3,942.67* *48.76 / -27*

SWIFT METAL FINISHING
1161 RICHARD AVENUE
SANTA CLARA CA 95050

ENVIROSTOR

Estor/EPA ID: 71002965
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6085505202
Site Type: TIERED PERMIT
Address Description: 1161 RICHARD AVENUE
Office: CLEANUP BERKELEY
Special Program:
Funding:
Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SANTA CLARA
Latitude: 37.3651677
Longitude: -121.9549506
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: INACTIVE - NEEDS EVALUATION
A2 Program Type: TIERED PERMIT
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71002965

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
72	1 of 1	N	0.75 / 3,979.19	49.17 / -26	EXCEL CIRCUITS 1415 RICHARD AVENUE SANTA CLARA CA 95050	ENVIROSTOR

Estor/EPA ID: 71002821
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6085505202
Site Type: TIERED PERMIT
Address Description: 1415 RICHARD AVENUE
Office: CLEANUP BERKELEY
Special Program:
Funding:
Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SANTA CLARA
Latitude: 37.365111
Longitude: -121.955439
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: INACTIVE - NEEDS EVALUATION
A2 Program Type: TIERED PERMIT
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71002821

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
73	1 of 1	N	0.77 / 4,043.04	49.30 / -26	PYRAMID CIRCUITS, INC. 1405 RICHARD AVENUE SANTA CLARA CA 95050	ENVIROSTOR

Estor/EPA ID: 71003063
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6085505202
Site Type: TIERED PERMIT
Address Description: 1405 RICHARD AVENUE
Office: CLEANUP BERKELEY
Special Program:
Funding:
Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: NICOLE YUEN
County: SANTA CLARA
Latitude: 37.36533
Longitude: -121.9551
Acres: 0.46 ACRES
Supervisor: MARK PIROS
Cleanup Status: NO FURTHER ACTION AS OF 12/11/2015
Cleanup Oversight Agencies: SANTA CLARA, CITY OF - LEAD AGENCY
School District:
Past Use that Caused Contam: HAZARDOUS MATERIAL - TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, MANUFACTURING - ELECTRONIC, METAL PLATING - OTHER
Potential Media Affected: SOIL
Potential Contamin of Concern:

ARSENIC
COPPER AND COMPOUNDS
CYANIDE (FREE)

Site History:

Pyramid Circuits filed for closure in October 2014 with Streamline Circuits, Inc. leasing and continuing operations at the site. California Environmental Management Service Company submitted a report detailing the site closure. Minor copper contamination was excavated, removed, and confirmed by confirmation sampling. The site has no documented releases.

Status: NO FURTHER ACTION
A2 Program Type: TIERED PERMIT
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003063

Completed Activities

Title: Inspection - Phase I Non-Submittal
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase I Non-Submittal
Date Completed: 8/19/1999
Comments:

Title: DTSC Memo regarding No Further Action Determination
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71003063&enforcement_id=60403714
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 12/11/2015
Comments: California Environmental Management, the consultant to the owner of Pyramid Circuits, submitted an "Environmental Assessment for Closure" report to DTSC to provide the basis for changing the site status to no further action. The DTSC memorandum summarizes the information provided in this report and the reasons why DTSC determined that the site status should be changed to "No Further Action" on the Envirostor database.

Title: Environmental Closure Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=71003063&doc_id=60403717
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1 Addendum
Date Completed: 12/11/2015
Comments: California Environmental Management, the consultant to the owner of Pyramid Circuits, submitted an "Environmental Assessment for Closure" report to DTSC to provide the basis for changing the site status to no further action. The report details the regulatory closure of the Pyramid Circuits facility under the oversight of the Santa Clara Fire Department (the Certified Unified Program Agency with jurisdiction), the cleanup and removal of minor copper contamination in soil, and the cyanide detections in soil and evaluation of the results. No releases at the site have been documented and hazardous materials usage occurred within a designated section of the building with containment. The cyanide detected in soil was at levels well below screening levels that are protective of human health.

Title: Phase I Non-Submittal
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1 Non-Submittal
Date Completed: 10/31/2001
Comments:

74	1 of 1	NW	0.80 / 4,229.53	58.20 / -17	2330 MONROE STREET AFFORDABLE HOUSING PROJECT 2330 MONROE STREET SANTA CLARA CA 95050	ENVIROSTOR

Estor/EPA ID:	60002982	***Assembly District:***	, 25
Site Code:	202306	***Senate District:***	, 10
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	22437068	***Public Partici Spclst:***	KERRY RASMUSSEN
Census Tract:	6085505303	***Project Manager:***	JAYANTHA RANDENI
Site Type:	VOLUNTARY CLEANUP	***County:***	SANTA CLARA
Address Description:	2330 MONROE STREET	***Latitude:***	37.3625830143012
Office:	CLEANUP BERKELEY	***Longitude:***	-121.966547781754
Special Program:	VOLUNTARY CLEANUP PROGRAM	***Acres:***	2.5 ACRES

Funding: SITE PROPONENT ***Supervisor:*** JULIE PETTIJOHN
Cleanup Status: ACTIVE AS OF 4/1/2020
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential Media Affected: SOIL
Potential Contamin of Concern:

ARSENIC
DDE
LEAD

Site History:

The Site was used for agricultural orchards beginning in 1939 until 1963. The Site has used for a construction staging area from 2009 to 2011 and a parking lot from 2013 to 2016. Agricultural use of pesticides may have impacted Site soils. Soil sampling found that lead, arsenic and pesticide (DDE) at elevated levels. The recommended cleanup is to leave the contaminated soil in place underneath a protective "cap" and land use controls. Contaminated soil that is left onsite would be buried beneath future foundations and structures including, buildings, parking lots, and two feet of clean soil in landscaped areas. 8/5/2020 JSR

Status: ACTIVE
A2 Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 46-50%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60002982

Future Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Due Date: 2021

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Due Date: 2022

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Certification
Due Date: 2023

Completed Activities

Title: Community Profile
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002982&doc_id=60477681
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Community Profile
Date Completed: 7/24/2020
Comments: Community Profiles completed.

Title: Notice Of Determination
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002982&enforcement_id=60477652
Area Name:
Area Link:
Sub Area:
Sub Area Link:

Document Type:	CEQA - Responsible Agency Review
Date Completed:	10/22/2020
Comments:	NOD filed with state clearing house.
Title:	Removal Action Workplan
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002982&doc_id=60477683
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Removal Action Workplan
Date Completed:	10/22/2020
Comments:	Removal action workplan approved with capping and land use covenant as the remedy.
Title:	Fact Sheet
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002982&doc_id=60477693
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Fact Sheets
Date Completed:	7/31/2020
Comments:	Comment Period starts on August 12, 2020.
Title:	Request for Agency Oversight
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002982&doc_id=60477633
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Application
Date Completed:	4/16/2020
Comments:	Request for Agency Oversight Application submitted to determine the appropriate agency for oversight.
Title:	Annual Oversight Cost estimate
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002982&enforcement_id=60483019
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Annual Oversight Cost Estimate
Date Completed:	9/25/2020
Comments:	
Title:	Public Notice
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002982&doc_id=60477695
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Public Notice
Date Completed:	7/31/2020
Comments:	Comment Period Start on August 12, 2020.
Title:	Standard Voluntary Agreement
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60002982&enforcement_id=60477637
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Standard Voluntary Agreement
Date Completed:	4/30/2020
Comments:	SVA fully executed.

75	1 of 1	NE	0.82 / 4,351.15	49.53 / -26	600 MATHEW STREET 600 MATHEW STREET SANTA CLARA CA 95050	ENVIROSTOR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Estor/EPA ID:	43320044	**Assembly District:**	25
Site Code:	201352	**Senate District:**	10
Nat Priority List:	NO	**Permit Renewal Lead:**	
APN:	224-03-70, 224-03-71, 224-03-79, 224-03-80, 224-03-81, 224-03-82	**Public Partici Spclst:**	
Census Tract:	6085505202	**Project Manager:**	
Site Type:	VOLUNTARY CLEANUP	**County:**	SANTA CLARA
Address Description:	600 MATHEW STREET	**Latitude:**	37.3631423
Office:	CLEANUP BERKELEY	**Longitude:**	-121.9461923
Special Program:	VOLUNTARY CLEANUP PROGRAM	**Acres:**	11 ACRES
Funding:	SITE PROPONENT	**Supervisor:**	DENISE TSUJI

Cleanup Status: NO FURTHER ACTION AS OF 3/21/2001
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: NONE
Potential Media Affected: NO MEDIA AFFECTED
Potential Contamin of Concern:

NO CONTAMINANTS FOUND

Site History:

Used for agriculture until 1939 when the western portion was developed as a tile manufacturer. The eastern portion remained agricultural until the 1960s. A trucking company occupied the entire site from 1975 to 1995 when a wood recovery company took over the site until 1998. Since then the property has not been used.

Status: NO FURTHER ACTION
A2 Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=43320044

Completed Activities

Title: Preliminary Endangerment Assessment Report
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 3/21/2001
Comments: DTSC review of PEA found no further action required.

Title: Order
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43320044&enforcement_id=5003228
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 12/13/2000
Comments: Signed VCA with Sharp LaFayette LLC to perform PEA.

Title: VCA Complete
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: *Voluntary Cleanup Agreement Completion
Date Completed: 3/21/2001
Comments:

76	1 of 1	NNW	0.85 / 4,466.84	49.66 / -26	SANTA CLARA CIRCUITS 1881 MARTIN STREET SANTA CLARA CA 95050	ENVIROSTOR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Estor/EPA ID: 43360007
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6085505202
Site Type: * HISTORICAL
Address Description: 1881 MARTIN STREET
Office: CLEANUP BERKELEY
Special Program:
Funding:
Cleanup Status: REFER: RWQCB AS OF 3/21/1995
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SANTA CLARA
Latitude: 37.3661111111111
Longitude: -121.959166666667
Acres: NONE SPECIFIED
Supervisor:

AQUEOUS SOLUTION 2<PH<12.5, WITH REACTIVE ANIONS
HALOGENATED SOLVENTS
LEAD
NICKEL

Site History:

Status: REFER: RWQCB
A2 Program Type: HISTORICAL
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=43360007

Completed Activities

Title: Site Screening
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 10/6/1987
Comments: DHS. EXTREMELY HZD PERMITS-WASTESTREAM VOLUME IS 2000GAL/YR. WASTES IS GENERATD BY PALTING DEPARTMENT. SITE SCREENING DONE MORE INFO NEEDED.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
77	1 of 1	E	0.90 / 4,751.99	65.03 / -10	SANTA CLARA POLICE STATION 501 EL CAMINO REAL SANTA CLARA CA 95050	ENVIROSTOR

Estor/EPA ID: 43360129
Site Code: 201015
Nat Priority List: NO
APN: 230-06-052
Census Tract: 6085505203
Site Type: VOLUNTARY CLEANUP
Address Description: 501 EL CAMINO REAL
Office: CLEANUP BERKELEY
Special Program: VOLUNTARY CLEANUP PROGRAM
Funding: SITE PROPONENT
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE AS OF 12/8/2000
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: MANUFACTURED GAS PLANT, RAILROAD RIGHT OF WAY
Potential Media Affected: SOIL
Potential Contamin of Concern:

Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: CLAUDE JEMISON
County: SANTA CLARA
Latitude: 37.354062
Longitude: -121.939069
Acres: 4.7 ACRES
Supervisor: CHERYL PROWELL

LEAD
NICKEL
POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)

Site History:

The 4.7-acre Site was used by the City of Santa Clara as a utility yard from approximately 1890 through the 1960s. Coal gas used to power gas street lights and to generate electricity was generated onsite from the 1890s through the 1930s. The City of Santa Clara remains the current owner of the property, which is currently used as the Santa Clara Police Headquarters building.

Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
A2 Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 56-60%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=43360129

Land Use Restrictions

Site Management Requirements: ACTIVITIES PROHIBITED WHICH DISTURB THE REMEDY AND MONITORING SYSTEMS WITHOUT APPROVAL
ASPHALT COVER NOT TO BE DISTURBED WITHOUT APPROVAL
DAY CARE CENTER PROHIBITED
HOSPITAL USE PROHIBITED
LAND USE COVENANT
NO EXCAVATION OF CONTAMINATED SOILS WITHOUT AGENCY REVIEW AND APPROVAL
NOTIFY AFTER CHANGE OF PROPERTY OWNER
NOTIFY PRIOR TO SUBSURFACE WORK
PERFORM H&S PLAN PRIOR TO SUBSURFACE WORK
PUBLIC OR PRIVATE SCHOOL FOR PERSONS UNDER 21 PROHIBITED
RESIDENCE USE PROHIBITED
Title: Deed Restriction / Land Use Covenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/1461118400/SantaClara%2EPolice%2EDeedRestrict%2Epdf
Date Recorded: 9/29/2000

Future Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Due Date: 2022

Completed Activities

Title: 2007 RP Annual Inspection Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=6012383
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 1/16/2007
Comments:

Title: Removal Action Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=5002463
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 5/4/1999
Comments: The remedial actions consisted of debris removal, excavation and encapsulation of 5,560 cubic yards of lampblack and metal contaminated soil in two onsite consolidation areas, excavation and offsite disposal of approximately 5,720 cubic yards of hydrocarbon impacted soil, removal of a 400-gallon underground storage tank and other concrete debris, as well as proper closure and destruction of four previously unknown onsite abandoned water supply wells. A two-foot cap of clean material including the parking lot baserock layer asphalt concrete layer was

then installed over the excavated and consolidated lampblack impacted soil. The impacted soils were consolidated under an asphalt parking area.

Title: Annual Oversight Cost Estimate Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=60416242
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/5/2020
Comments: Emailed cost estimate letter on 10/5/2020.
-EC, 10/5/2020

Title: Five-Year Review Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=60194787
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 3/23/2016
Comments: ATC, on the behalf of the City of Santa Clara, performed a 5-year review of the capped consolidation cells. A site visit was conducted on December 14, 2015 to assess the City's compliance with the Land Use Covenant and the Operation and Maintenance Agreement requirements for the consolidation cells. The asphalt consolidation area cap appeared to be well- maintained and in good condition, and there appeared to be no significant drainage problem affecting the consolidation cells. Based on a technical assessment as part of the 5-year review, it was concluded that the site remedial actions remain protective of human health and the environment.

Title: Annual Oversight Cost Estimate Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=60337730
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/13/2015
Comments:

Title: Annual Oversight Cost Estimate Letter
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/16/2014
Comments:

Title: 2007 RP Annual Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=6014527
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 2/4/2008
Comments: DTSC has no comments and hereby approves the report.

Title: Health and Safety Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=6009496
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 3/10/1998
Comments:

Title: CEQA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=5002461
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Notice of Exemption
Date Completed: 1/26/1998
Comments: CEQA Notice of Exemption appoved.

Title: Removal Action Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=5002464
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Workplan
Date Completed: 1/26/1998
Comments: Sample results from a soil quality evaluation conducted in 1997 under DTSC oversight indicated lead, nickel, and polynuclear aromatic hydrocarbons (PAHs) including but not limited to anthracene, benzo(a)pyrene, and pyrene were found in soil. Lead contaminated soil was found to be the major issue, with concentrations up to 4,100 mg/kg. The RAW required consolidation and capping of impacted soil as well as underground tank removal and capping.

Title: Annual Oversight Cost Estimate Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=60337731
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/14/2016
Comments:

Title: RP Annual Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=60193638
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Land Use Restriction Monitoring Report
Date Completed: 5/24/2010
Comments:

Title: 2008 RP Annual Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=6014528
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/23/2009
Comments: DTSC has no comments.

Title: Certification
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=5002462
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Certification
Date Completed: 12/8/2000
Comments: Certified Removal Action Workplan implementation as described in the Removal Action Completion Report.

Title: Deed Restriction / Land Use Covenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=5002458
Area Name:
Area Link:
Sub Area:
Sub Area Link:

Document Type: Land Use Restriction
Date Completed: 9/29/2000
Comments: Recorded Deed Restriction limiting future land use to commercial / industrial uses onsite.

Title: Annual Inspection Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=60416239
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 1/10/2020
Comments:

Title: Annual Oversight Cost Estimate Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=60337732
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/3/2017
Comments:

Title: Annual Oversight Cost Estimate Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=60337728
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/28/2013
Comments:

Title: Annual Oversight Cost Estimate letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=60302574
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/13/2012
Comments:

Title: RP Annual Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=60279340
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 3/6/2012
Comments: The City of Santa Clara submitted its Annual Summary Report as required by the Land Use Covenant and Operation and Maintenance Agreement. The cap was observed to be in good condition during a January 24, 2012 inspection.

Title: Annual Inspection Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=60396534
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 1/16/2019
Comments: City of San Jose personnel performed an annual cap inspection on the December 27, 2018 of the parking lot where impacted soil remains on the site. Sealing of the asphalt concrete pavement was performed during the calendar year 2018. The cap conditions were found to be satisfactory and the site was found to be in compliance with the Land Use Covenant.

Title: Annual Inspection Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=60396532
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 2/13/2017
Comments:

Title: 2009 DTSC Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=6017456
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/13/2009
Comments:

Title: 2009 Annual Inspection Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=6011977
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction - Site Inspection/Visit
Date Completed: 3/25/2009
Comments: It was observed that the asphalt surface of the cap was in very good condition, with no signs of cracking or deterioration observed.

Title: 2007 DTSC Cap Inspection and Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=6008819
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction - Site Inspection/Visit
Date Completed: 1/24/2007
Comments:

Title: 5 Year Review Reports
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=5002457
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 2/23/2006
Comments: Implemented remedy (Cap) continues to be adequately protective of human health and the environment.

Title: Voluntary Cleanup Agreement (VCA)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=5002465
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 10/10/1997
Comments: The City of Santa Clara signed the VCA for DTSC to oversee remediation activities onsite.

Title: Annual Inspection Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=60396533
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 2/2/2018

Comments:

Title: 5 Year Review Reminder letter
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 9/14/2015
Comments: DTSC sent an email to the City of Santa Clara providing a reminder of the Five-Year Review Report due to be submitted by December 14, 2015.

Title: RP Annual Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=60279342
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 3/11/2014
Comments: The City of Santa Clara performed an annual inspection of the parking lot of the City police station where contaminated soil remains in place. During the inspection, the parking lot pavement that serves as a cap was observed to be in good condition with a approximately 20 lineal feet of minor visible cracks. No significant deterioration that would allow surface water to penetrate to cap was observed..

Title: Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=60287382
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 12/15/2011
Comments:

Title: DTSC Annual Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=60254680
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Land Use Restriction Monitoring Report
Date Completed: 3/23/2011
Comments: It was observed that the asphalt surface of the cap was in very good condition, with no signs of cracking or deterioration observed.

Title: 2008 DTSC Annual Inspection/Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=6010502
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction - Site Inspection/Visit
Date Completed: 2/1/2008
Comments: The Asphalt surface of the cap was in good condition.

Title: RP Annual Inspection Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=6010295
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 2/7/2006
Comments:

Title: Fact Sheet
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=6010046

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fact Sheets
Date Completed: 12/10/1997
Comments: Fact Sheet approved and distributed to the mailing list 12/11/1997.

Title: Annual Oversight Cost Estimate Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=60337733
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/14/2018
Comments:

Title: RP Annual Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=60279341
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 2/19/2013
Comments: The City of Santa Clara conducted an annual inspection and submitted the annual summary report as required by section 1.02 of the Land Use Covenant and section 2.4 of the Operation and Maintenance Agreement. About 20 feet of small cracks were observed in the asphalt of the parking lot over the cells where contaminated soil is contained. The cracks are small and will not let significant water penetrate the asphalt. The City Street Department plans to seal the cracks when the weather is drier and warmer.

Title: Second 5-Year Review Report
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 3/29/2011
Comments:

Title: Operation and Maintenance Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=5002460
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation & Maintenance Order/Agreement
Date Completed: 9/12/2000
Comments: Approved requiring annual inspection of the cap for signs of deterioration and repair of significant deterioration within thirty days of inspection.

Title: Operations and Maintenance Plan
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Plan
Date Completed: 9/12/2000
Comments: O&M Plan approved describing required cap maintenance activities.

Title: Phase I Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=6009499
Area Name:
Area Link:
Sub Area:
Sub Area Link:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Phase 1
Date Completed: 9/3/1997
Comments: Phase I Report submitted.

Title: RP Annual Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=60279343
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Operation and Maintenance Report
Date Completed: 2/5/2015
Comments: The annual inspection was conducted as required by the Land Use Covenant and Operation and Maintenance Plan/Agreement. The cap was observed to be in good condition and showed no signs of significant deterioration that would allow surface water to penetrate through the cap.

Title: 2010 DTSC Annual Site Inspection and Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&enforcement_id=6013848
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction - Site Inspection/Visit
Date Completed: 7/8/2010
Comments:

Title: Public Notice
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=43360129&doc_id=6010047
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Public Notice
Date Completed: 12/10/1997
Comments: Published in the Santa Clara Weekly, December 10-16, 1997.

78	1 of 1	NNW	0.92 / 4,855.23	48.12 / -27	SANMINA CORP. - PLANT #3 2539 SCOTT BOULEVARD SANTA CLARA CA 95050	ENVIROSTOR

Estor/EPA ID: 71003041
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6085505202
Site Type: TIERED PERMIT
Address Description: 2539 SCOTT BOULEVARD
Office: CLEANUP BERKELEY
Special Program:
Funding:
Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SANTA CLARA
Latitude: 37.3673008
Longitude: -121.9592338
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: INACTIVE - NEEDS EVALUATION
A2 Program Type: TIERED PERMIT
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003041

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
79	1 of 1	NE	0.93 / 4,922.23	43.93 / -32	LOMBARDO DIAMOND CORE DRILLING CO., INC. 585 ROBERT AVENUE SANTA CLARA CA 95050	ENVIROSTOR

Estor/EPA ID: 43160003
Site Code:
Nat Priority List: NO
APN: 230-03-071
Census Tract: 6085505202
Site Type: * HISTORICAL
Address Description: 585 ROBERT AVENUE
Office: CLEANUP BERKELEY
Special Program:
Funding:
Cleanup Status: REFER: RWQCB AS OF 8/17/1995
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

CONTAMINATED SOIL
LEAD
ORGANIC LIQUIDS WITH METALS

Site History:

Assembly District: 25
Senate District: 10
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SANTA CLARA
Latitude: 37.3648420128643
Longitude: -121.945054214813
Acres: NONE SPECIFIED
Supervisor:

Status: REFER: RWQCB
A2 Program Type: HISTORICAL
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=43160003

Completed Activities

Title: Site Screening
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 4/8/1993
Comments: The Lombardo site is approximately 2 acres in size and used for parking and storage of vehicles, heavy equipment and supplies by the company in its concrete cutting business. Lombardo has owned this property since April 1985. Historical information indicates that from the 1960's to the 1970's, metal coating company, a galvanizing facility operated onsite. Available information likewise indicates that metal coating may have discharged waste pickling and washing solution on-site, resulting to soil and ground- water contamination prior to Lombardo's purchase of the property in 1985. Sampling results in 1991 showed zinc in soil as high as 34,000 ppm; and 364 ppm in groundwater. The San Francisco Regional Water Quality Control Board (SF RWQCB) is currently providing direct oversight in remedial activities at the site. Site cleanup requirements (order 92-052) was issued on May 20, 1992 to Lombardo and outlines specific tasks needed to be complied with.

Title: Site Screening
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 8/17/1995
Comments: RWQCB is overseeing the site

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
80	1 of 1	NNW	0.94 / 4,959.68	47.91 / -28	SPECTRA, INC. 2230 MARTIN AVENUE SANTA CLARA CA 95050	ENVIROSTOR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Estor/EPA ID:	71003754	***Assembly District:***	25
Site Code:		***Senate District:***	10
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	NONE SPECIFIED	***Public Partici Spclst:***	
Census Tract:	6085505202	***Project Manager:***	
Site Type:	TIERED PERMIT	***County:***	SANTA CLARA
Address Description:	2230 MARTIN AVENUE	***Latitude:***	37.3669081
Office:	CLEANUP BERKELEY	***Longitude:***	-121.9635485
Special Program:		***Acres:***	NONE SPECIFIED
Funding:		***Supervisor:***	

Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Site History:

Potential Contamin of Concern:

NONE SPECIFIED

Status: INACTIVE - NEEDS EVALUATION
A2 Program Type: TIERED PERMIT
CalEnviroScreen Score: 76-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003754

Unplottable Summary

Total: 15 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
CHMIRS	NRC	Lincoln Ave. ***Control No* | *Notified Date:*** 17-0771 |	San Jose CA		860466482
CHMIRS	NRC	LINCOLN AVE ***Control No* | *Notified Date:*** 20-4556 | 8/20/2020 3:54:00 PM	San Jose CA		885761070
CHMIRS	NRC	EL CAMINO REAL ***Control No* | *Notified Date:*** 17-1843 |	Carlsbad CA		860463303
CLEANUP SITES	EL CAMINO PLAZA	1053 EL CAMINO REAL, SUITE 7 ***Status* | *Site Facility Type:*** OPEN - SITE ASSESSMENT | CLEANUP PROGRAM SITE	SUNNYVALE CA	94087	867301641
EMISSIONS	CITY OF SANTA CLARA	1500 WARBURTON AVENUE, IT	SANTA CLARA CA	95050	861193305
ERNS		LINCOLN AVE ***NRC Report No:*** 1285117	SAN JOSE CA		886694765
ERNS		LINCOLN AVE. ***NRC Report No:*** 1169431	SAN JOSE CA		858627463
ERNS		EL CAMINO REAL ***NRC Report No:*** 1172349	CARLSBAD CA		867609673
FINDS/FRS	EVANS POINT	NONE EL CAMINO REAL ***Registry ID:*** 110066431837	CARLSBAD CA	92009	840052958
HAZ SANJOSE	T-MOBILE WEST CORPORATION SF0451A	MONROE ST CELL@FOREST AVE	SAN JOSE CA	95128	860757868
HAZNET	JACK HENTHORNE ASSOC	EL CAMINO REAL	CARLSBAD CA	922090000	826584838

HAZNET	CALABASAS HILL II LLC	EL CAMINO REAL	CARLSBAD CA	92008	826278161
HHSS	FARM	SAME AS ABOVE LINCOLN AVE	NONE CA	93706	822961119
HMIRS		EL CAMINO REAL	SANTA CLARA CA		818306415
HMIRS		EL CAMINO REAL	SUNNYVALE CA		818529720

Unplottable Report

Site: ***NRC***
Lincoln Ave. San Jose CA

CHMIRS

Control No:	17-0771	***Notified Date:***	
Notified Date Time:		***Year:***	2017
County:	Santa Clara County		
URL:	https://w3.calema.ca.gov/operational/malhaz.nsf/f1841a103c102734882563e200760c4a/918c451f38d0ec63882580b300056f1e?OpenDocument		

Spill Report View

Amount 1:		***Creation Date:***	01/24/2017 04:59 PM
Amount 2:		***Received By:***	
Amount 3:		***Admin Agency:***	
Type:	RAILROAD	***Admin Agency 2:***	
Water:		***Additional County:***	
On Scene:		***Phone No:***	
Other on Scene:		***Ext:***	
Other Notified:		***Pag Cell:***	
Document Title:	SPILL Report		
Spill Site:	Rail Road		
Cause Desc for Other:			
Person Notifying Cal OES:			

Hazardous Materials Spill Report

Control Cal OES:	17-0771	***Type 3:***	
Control NRC:	1169431	***Other 3:***	
Date :	01/24/2017	***Pipeline 3:***	No
Incident Date:	01/24/2017	***Ves >= 300 Tons 3:***	No
Time:	1659	***Name:***	
Incident Time:	1450	***Phone:***	
Water Involved:	No	***Ext:***	
Drink Wtr Impact:	No	***Pag Cell:***	
Qty 1:	=	***PRS Name:***	
Measure 1:	N/A	***PRS Phone:***	
Type 1:	RAILROAD	***PRS Ext:***	
Pipeline 1:	No	***PRS Pag Cell:***	
Ves >= 300 Tons 1:	No	***Received By:***	
Qty 2:	=	***Header Unknown:***	BAY AREA AQMD
Amount 2:		***Incident Desc:***	
Measure 2:		***R R Crssing < 50 Ft:***	Yes
Type 2:		***Uprr Rim :***	
Other 2:		***Notification Info:***	
Pipeline 2:	No	***Notification List:***	
Vessel >= 300 Tns 2:	No	***DOG Unit:***	
Qty 3:	=	***RWQCB Unit:***	2
Amount 3:		***Injuries:***	No
Measure 3:		***Fatality:***	No
Incident Location:	Lincoln Ave.		
Reported Cause:	Other Description for Other : Downed Powerline		
Amount 1:	N/A		
Substance 1:	Downed Powerline		
Substance 2:			
Substance 3:			
Waterway:			
Contained:	Unknown		
Known Impact:	Unknown		
Other 1:			

Detail for Other:	
Site:	Rail Road
On Scene:	
Other on Scene:	
Other Notified:	Sheriff's Department, Police Department
Evacuation:	No
Cleanup By:	Unknown
Agency:	NRC
PRS Agency:	Santa Clara Valley Transit Authority
Admin Agency:	Santa Clara County Department of Environmental Health
Sec Agency:	
Additional County:	
Admin Agency 2:	
Description:	Per the NRC, "CALLER IS MAKING A REPORT INVOLVING A DOWNED OVERHEAD WIRE CAUSING A DISRUPTION TO THE MAIN SERVICE RAILROAD LINE AT A GRADE CROSSING. A SERVICE DELAY IS STILL ONGOING." "POWER CREW IS REPAIRING THE OVERHEAD LINE AT THIS TIME."

Site: ***NRC***
LINCOLN AVE San Jose CA

CHMIRS

Control No:	20-4556	***Notified Date:***	8/20/2020 3:54:00 PM
Notified Date Time:		***Year:***	2020
County:	Santa Clara County		
URL:			

Spill Report View

Amount 1:		***Creation Date:***	08/20/2020 03:54 PM
Amount 2:		***Received By:***	
Amount 3:		***Admin Agency:***	
Type:	RAILROAD	***Admin Agency 2:***	
Water:		***Additional County:***	
On Scene:		***Phone No:***	
Other on Scene:		***Ext:***	
Other Notified:		***Pag Cell:***	
Document Title:	SPILL Report		
Spill Site:	Rail Road		
Cause Desc for Other:			
Person Notifying Cal OES:			

Hazardous Materials Spill Report

Control Cal OES:	20-4556	***Type 3:***	
Control NRC:	1285117	***Other 3:***	
Date :	08/20/2020	***Pipeline 3:***	No
Incident Date:	08/20/2020	***Ves >= 300 Tons 3:***	No
Time:	1554	***Name:***	
Incident Time:	1402	***Phone:***	
Water Involved:	No	***Ext:***	
Drink Wtr Impact:	No	***Pag Cell:***	
Qty 1:	=	***PRS Name:***	
Measure 1:	N/A	***PRS Phone:***	
Type 1:	RAILROAD	***PRS Ext:***	
Pipeline 1:	No	***PRS Pag Cell:***	
Ves >= 300 Tons 1:	Unknown	***Received By:***	
Qty 2:	=	***Header Unknown:***	BAY AREA AQMD
Amount 2:		***Incident Desc:***	
Measure 2:		***R R Crssing < 50 Ft:***	Unknown
Type 2:		***Uprr Rim :***	
Other 2:		***Notification Info:***	
Pipeline 2:	No	***Notification List:***	
Vessel >= 300 Tns 2:	No	***DOG Unit:***	
Qty 3:	=	***RWQCB Unit:***	2
Amount 3:		***Injuries:***	Yes Injuries #: 1
Measure 3:		***Fatality:***	No
Incident Location:	LINCOLN AVE		
Reported Cause:	Unknown		
Amount 1:	N/A		

Substance 1:	Train vs. passenger
Substance 2:	
Substance 3:	
Waterway:	
Contained:	Other
Known Impact:	Other Reason for Other : Delay passangers were provided a bus for transportation.
Other 1:	
Detail for Other:	Railroad
Site:	Rail Road
On Scene:	
Other on Scene:	
Other Notified:	CAPUC
Evacuation:	No
Cleanup By:	Unknown
Agency:	NRC
PRS Agency:	SANTA CLARA VALLEY TRANSPORTATION AUTH
Admin Agency:	Santa Clara County Department of Environmental Health
Sec Agency:	
Additional County:	
Admin Agency 2:	
Description:	CALLER REPORTED A TRAIN STRUCK A PASSENGER CAR AT A GRADE CROSSING. THERE WAS ONE REPORTED INJURY THAT WAS TRANSPORTED TO THE HOSPITAL AS A PRECAUTION. TRAIN # 927.

California Hazardous Material Incident Report System (2020)

Incident Date:	8/20/2020	***Dog No:***	
Time:	1402	***A2 Substance:***	
Spill Site:	Rail Road	***A2 Quantity:***	
Site:		***A2 Measure:***	
Contained:	Other	***A2 Type:***	
Water:	No	***A2 Other:***	
Water Way:		***A2 Pipeline:***	No
Injuries Yes/No:	Yes	***A2 Vessel 300 Tons:***	No
Injuries No:	1	***A3 Substance:***	
Fatals Yes/No:	No	***A3 Quantity:***	
Fatals No:		***A3 Measure:***	
Evacs Yes/No:	No	***A3 Type:***	
Evacs No:		***A3 Other:***	
Cleanup:	Unknown	***A3 Pipeline:***	No
Cause:	Unknown	***A3 Vessel 300 Tons:***	No
A1 Substance:	Train vs. passenger	***Cause Other:***	
A1 Other:		***Drinking Water Impact:***	No
A1 Quantity:	N/A	***Known Impact:***	Other - Delay passangers were provided a bus for transportation.
A1 Measure:	N/A	***City:***	San Jose
A1 Type:	RAILROAD	***County:***	Santa Clara County
A1 Pipeline:	No	***Zip:***	
A1 Vessel 300 Tons:	Unknown		
Admin Agency:	Santa Clara County Department of Environmental Health		
Notification Area:	AA/CUPA,DTSC,RWQCB,US EPA,USFWS,PUC		
Description:	CALLER REPORTED A TRAIN STRUCK A PASSENGER CAR AT A GRADE CROSSING. THERE WAS ONE REPORTED INJURY THAT WAS TRANSPORTED TO THE HOSPITAL AS A PRECAUTION. TRAIN # 927.		
Location:	LINCOLN AVE		

Site: ***NRC***
EL CAMINO REAL Carlsbad CA CHMIRS

Control No:	17-1843	***Notified Date:***	
Notified Date Time:		***Year:***	2017
County:	San Diego County		
URL:	https://w3.calema.ca.gov/operational/malhaz.nsf/f1841a103c102734882563e200760c4a/63e4ff2034eb231c882580d8000391c5?OpenDocument		

Spill Report View

Amount 1:		***Creation Date:***	03/02/2017 04:38 PM

Amount 2:
Amount 3:
Type: PETROLEUM
Water:
On Scene:
Other on Scene:
Other Notified:
Document Title: SPILL Report
Spill Site: Road
Cause Desc for Other:
Person Notifying Cal OES:
Received By:
Admin Agency:
Admin Agency 2:
Additional County:
Phone No:
Ext:
Pag Cell:

Hazardous Materials Spill Report

Control Cal OES: 17-1843
Control NRC: 1172349
Date : 03/02/2017
Incident Date: 03/02/2017
Time: 1638
Incident Time: 1245
Water Involved: No
Drink Wtr Impact: No
Qty 1: =
Measure 1: Gal(s)
Type 1: PETROLEUM
Pipeline 1: No
Ves >= 300 Tons 1: No
Qty 2: =
Amount 2:
Measure 2:
Type 2:
Other 2:
Pipeline 2: No
Vessel >= 300 Tns 2: No
Qty 3: =
Amount 3:
Measure 3:
Incident Location: EL CAMINO REAL
Reported Cause: Other
Description for Other : Fire
Amount 1: 12
Substance 1: OIL: DIESEL
Substance 2:
Substance 3:
Waterway:
Contained: Yes
Known Impact: None
Other 1:
Detail for Other:
Site: Road
On Scene: Fire Dept., Police Dept.
Other on Scene:
Other Notified: NRC
Evacuation: No
Cleanup By: CIty and Company Crews
Agency: NRC
PRS Agency: PEPSI
Admin Agency: San Diego County Health Services Department
Sec Agency:
Additional County:
Admin Agency 2:
Description: Per the NRC Report: CALLER IS REPORTING THAT A TRUCK CAUGHT FIRE RESULTING IN THE DISCHARGE OF DIESEL FUEL ONTO THE GROUND. MADE NOTIFICATIONS. COMPANY AND CITY PERSONNEL RESPONDED FOR CLEAN UP.
Type 3:
Other 3:
Pipeline 3: No
Ves >= 300 Tons 3: No
Name:
Phone:
Ext:
Pag Cell:
PRS Name:
PRS Phone:
PRS Ext:
PRS Pag Cell:
Received By:
Header Unknown: SAN DIEGO COUNTY APCD
Incident Desc:
R R Crssing < 50 Ft:
Uprr Rim :
Notification Info:
Notification List:
DOG Unit:
RWQCB Unit: 9
Injuries: No
Fatality: No

Site: ***EL CAMINO PLAZA***
1053 EL CAMINO REAL, SUITE 7 SUNNYVALE CA 94087

CLEANUP SITES

Global ID: T10000011653
Latitude: 37.35294

Status: OPEN - SITE ASSESSMENT
Status Date: 8/20/2018
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download
Longitude: -122.00413
County: SANTA CLARA

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: 2018-15s
Begin Date: 4/17/2018
File Location: All Files are on GeoTracker or in the Local Agency Database
Lead Agency: SANTA CLARA COUNTY LOP
Local Agency: SANTA CLARA COUNTY LOP
Potential COC: Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride
Potential Media of Concern: Other Groundwater (uses other than drinking water), Soil, Soil Vapor
How Discovered:
How Discovered Description:
Stop Description:
CalWater Watershed Name: Santa Clara - Palo Alto (205.50)
DWR GW Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community:
CalEnviroScreen Score: 26-30%
Site History:
Stop Method:
CUF Case: NO
Case Worker: TLF

A former dry cleaner operated in Suite 7 from XX to XX. Subsurface investigations have reported PCE in soil vapor beneath the former dry cleaner suite at a max concentration of 23,000 micrograms per cubic meter. Additional assessment is required to define the extent of contamination and develop a remedial strategy.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date: 2020-02-14 00:00:00
Action: Soil Vapor Intrusion Investigation Workplan

Action Type: ENFORCEMENT
Date: 2019-12-13 00:00:00
Action: Staff Letter

Action Type: RESPONSE
Date: 2019-05-01 00:00:00
Action: Site Assessment Report

Action Type: ENFORCEMENT
Date: 2019-02-12 00:00:00
Action: Letter - Notice

Action Type: ENFORCEMENT
Date: 2018-12-05 00:00:00
Action: Email Correspondence

Action Type: ENFORCEMENT
Date: 2018-11-08 00:00:00
Action: Staff Letter

Action Type: RESPONSE
Date: 2018-10-31 00:00:00
Action: Site Investigation Workplan

Action Type: ENFORCEMENT
Date: 2018-08-20 00:00:00
Action: Staff Letter

Action Type: ENFORCEMENT
Date: 2018-05-24 00:00:00
Action: Staff Letter

Action Type: ENFORCEMENT
Date: 2018-05-21 00:00:00
Action: Cost Recovery Agreement / N. of Reimbursement

Action Type: RESPONSE
Date: 2018-04-17 00:00:00
Action: Other Report / Document

Action Type: ENFORCEMENT
Date: 2018-04-17 00:00:00
Action: Letter - Notice

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Site Assessment
Status Date: 2018-08-20 00:00:00

Status: Open - Assessment & Interim Remedial Action
Status Date: 2018-05-21 00:00:00

Status: Open - Case Begin Date
Status Date: 2018-04-17 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: TRAVIS L. FLORA
Phone No: 4089183486
Organization Name: SANTA CLARA COUNTY LOP
Email: travis.flora@cep.sccgov.org
Address: 1555 Berger Dr.
City: SAN JOSE

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of May 29, 2021)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000011653
Cleanup Status Detail: OPEN - SITE ASSESSMENT AS OF 8/20/2018
Potential COC: TETRACHLOROETHYLENE (PCE), TRICHLOROETHYLENE (TCE), VINYL CHLORIDE
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Groundwater Monitoring Frequen:
DWR GW Sub Basin: Santa Clara Valley - Santa Clara (2-009.02)
CalWater Watershed Name: Santa Clara - Palo Alto (205.50)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA CLARA COUNTY LOP (LEAD) - CASE #: 2018-15s
CASEWORKER: TRAVIS L. FLORA
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000011653&tabname=regulatoryhistory
Wdr File No:
Wdr Order No:
WDR Place Type:
Facility Type:
Site History:

A former dry cleaner operated in Suite 7 from XX to XX. Subsurface investigations have reported PCE in soil vapor beneath the former dry cleaner suite at a max concentration of 23,000 micrograms per cubic meter. Additional assessment is required to define the extent of contamination and develop a remedial strategy.

Sites from GeoTracker Search - Regulatory Activities (as of May 29, 2021)

Action Type: Response Requested - Workplans
Action Date: 2/14/2020
Received Issue Date:
Action: Soil Vapor Intrusion Investigation Workplan
Doc Link:

Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 12/13/2019
Received Issue Date: 12/13/2019
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6422742&temptable=ENFORCEMENT
Title Description Comments:

Assessment response and requirement for additional assessment and indoor air sampling

Action Type: Response Requested - Reports
Action Date: *5/1/2019
Received Issue Date: 11/4/2019
Action: Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011653&doc_id=5978800
Title Description Comments:

Action Type: Notices
Action Date: 2/12/2019
Received Issue Date: 2/12/2019
Action: Letter - Notice
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6385218&temptable=ENFORCEMENT
Title Description Comments:

Notice Regarding Revised Environmental Screening Levels

Action Type: Other Regulatory Actions
Action Date: 12/5/2018
Received Issue Date: 12/5/2018
Action: Email Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6378157&temptable=ENFORCEMENT
Title Description Comments:

email re report extension

Action Type: Other Regulatory Actions
Action Date: 11/8/2018
Received Issue Date: 11/8/2018
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6375284&temptable=ENFORCEMENT
Title Description Comments:

Work Plan approval

Action Type: Response Requested - Workplans
Action Date: 10/31/2018
Received Issue Date: 10/31/2018
Action: Site Investigation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011653&doc_id=5972907
Title Description Comments:

Action Type: Other Regulatory Actions
Action Date: 8/20/2018
Received Issue Date: 8/20/2018
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6367197&temptable=ENFORCEMENT
Title Description Comments:

Requirement for additional assessment

Action Type: Other Regulatory Actions
Action Date: 5/24/2018
Received Issue Date: 5/24/2018
Action: Staff Letter
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6359165&temptable=ENFORCEMENT
Title Description Comments:

Opening Letter

Action Type: Agreements
Action Date: 5/21/2018
Received Issue Date: 5/21/2018
Action: Cost Recovery Agreement / N. of Reimbursement
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6358754&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Notices
Action Date: 4/17/2018
Received Issue Date: 4/17/2018
Action: Letter - Notice
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6358755&temptable=ENFORCEMENT
Title Description Comments:

HSC 101480 Notice

Action Type: Response Requested - Other
Action Date: 4/17/2018
Received Issue Date: 4/17/2018
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011653&doc_id=5965266
Title Description Comments:

VCP Application - Request for Oversight

Sites from GeoTracker Search - Documents (as of May 29, 2021)

Document Type: Site Documents ***Submitted:***
Document Date: 12/13/2019 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: ASSESSMENT RESPONSE AND REQUIREMENT FOR ADDITIONAL ASSESSMENT AND INDOOR AIR SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6422742
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 10/25/2019 ***Submitted By:*** KAY PANNELL (AUTH_RP)
Size : 4,941 KB
Title: ADDITIONAL SITE INVESTIGATION REPORT 1053 EL CAMINO REAL OCTOBER 2019
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5772054851/T10000011653.PDF
Type: SITE INVESTIGATION

Document Type: Site Documents ***Submitted:***
Document Date: 2/12/2019 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: NOTICE REGARDING REVISED ENVIRONMENTAL SCREENING LEVELS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6385218
Type: LETTER - NOTICE

Document Type: Site Documents ***Submitted:***
Document Date: 12/5/2018 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: EMAIL RE REPORT EXTENSION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6378157

Type: EMAIL CORRESPONDENCE

Document Type: Site Documents ***Submitted:***
Document Date: 11/8/2018 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: WORK PLAN APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6375284
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 10/30/2018 ***Submitted By:*** KAY PANNELL (AUTH_RP)
Size : 2,258 KB
Title: SOIL VAPOR & GROUNDWATER INVESTIGATION WORK PLAN OCTOBER 2018
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7603042840/T10000011653.PDF
Type: SOIL VAPOR INTRUSION INVESTIGATION WORKPLAN

Document Type: Site Documents ***Submitted:***
Document Date: 8/20/2018 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: REQUIREMENT FOR ADDITIONAL ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6367197
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 5/24/2018 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: OPENING LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6359165
Type: STAFF LETTER

Document Type: Site Documents ***Submitted:***
Document Date: 5/21/2018 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6358754
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT

Document Type: Site Documents ***Submitted:***
Document Date: 4/17/2018 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: VCP APPLICATION - REQUEST FOR OVERSIGHT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&document_id=5965266
Type: OTHER REPORT / DOCUMENT

Document Type: Site Documents ***Submitted:***
Document Date: 4/17/2018 ***Submitted By:*** AARON COSTA (REGULATOR)
Size :
Title: HSC 101480 NOTICE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011653&enforcement_id=6358755
Type: LETTER - NOTICE

Document Type: Site Documents ***Submitted:***
Document Date: 11/10/2017 ***Submitted By:*** KAY PANNELL (AUTH_RP)
Size : 1,608 KB
Title: UNAUTHORIZED RELEASE REPORT NOV. 2017
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8563943684/T10000011653.PDF
Type: UNAUTHORIZED RELEASE FORM

Document Type: Site Documents ***Submitted:***
Document Date: 9/27/2017 ***Submitted By:*** KAY PANNELL (AUTH_RP)
Size : 4,798 KB
Title: REPORT OF ADDITIONAL SOIL VAPOR AND INDOOR AIR INVESTIGATION SEPT 2017
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6024527430/T10000011653.PDF
Type: SITE INVESTIGATION

Document Type: Site Documents ***Submitted:***
Document Date: 6/5/2017 ***Submitted By:*** KAY PANNELL (AUTH_RP)
Size : 6,296 KB
Title: REPORT OF LIMITED PHASE II SOIL VAPOR INVESTIGATION JUNE 2017
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8107599079/T10000011653.PDF
Type: SITE INVESTIGATION

Document Type: Site Documents
Document Date: 4/5/2017
Size : 27,396 KB
Title: PHASE I ESA APRIL 2017
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6225769281/T10000011653.PDF
Type: PHASE I ASSESSMENT REPORT
Submitted:
Submitted By: KAY PANNELL (AUTH_RP)

Document Type: Site Documents
Document Date: 8/27/2000
Size : 180 KB
Title: SUBSURFACE INVESTIGATION REPORT AUGUST 2000
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9087707757/T10000011653.PDF
Type: SITE INVESTIGATION
Submitted:
Submitted By: KAY PANNELL (AUTH_RP)

Sites from GeoTracker Search - Site Maps (as of May 29, 2021)

Title: ADDITIONAL SITE INVESTIGATION 1053 EL CAMINO REAL OCTOBER 2019 (GGW-1)
Size : 104 KB
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6156008243/T10000011653.PDF
Submitted By: KAY PANNELL (AUTH_RP)
Submitted: 11/4/2019

Title: ADDITIONAL SITE INVESTIGATION 1053 EL CAMINO REAL OCTOBER 2019 (GGW-3)
Size : 117 KB
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5311926722/T10000011653.PDF
Submitted By: KAY PANNELL (AUTH_RP)
Submitted: 11/4/2019

Title: ADDITIONAL SITE INVESTIGATION 1053 EL CAMINO REAL OCTOBER 2019 (GGW-2)
Size : 99 KB
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8974465429/T10000011653.PDF
Submitted By: KAY PANNELL (AUTH_RP)
Submitted: 11/4/2019

Title: ADDITIONAL SITE INVESTIGATION 1053 EL CAMINO REAL OCTOBER 2019 (GGW-4)
Size : 123 KB
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9410028278/T10000011653.PDF
Submitted By: KAY PANNELL (AUTH_RP)
Submitted: 11/4/2019

Sites from GeoTracker Search - Cleanup Status History (as of May 29, 2021)

Status: Open - Site Assessment
Date: 8/20/2018

Status: Open - Assessment & Interim Remedial Action
Date: 5/21/2018

Status: Open - Case Begin Date
Date: 4/17/2018

Site: ***CITY OF SANTA CLARA***
1500 WARBURTON AVENUE, IT SANTA CLARA CA 95050

EMISSIONS

2006 Criteria Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .01
ROGT: .008367
COT: .027
NOXT: .124
SOXT: .002
PMT: .009
PM10T: .008784

2006 Toxic Data

Facility ID: 16266
Facility SIC Code: 9199
COID: SCL
DISN: BAY AREA AQMD

CO: 43
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
CHAPIS:
CERR Code:

2007 Criteria Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .001
ROGT: .0008367
COT: .004
NOXT: .019
SOXT: 0
PMT: .001
PM10T: .000976

2007 Toxic Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2008 Criteria Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .002
ROGT: .0016734
COT: .004
NOXT: .019
SOXT: 0
PMT: .001
PM10T: .000976

2008 Toxic Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2009 Criteria Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .001
ROGT: .0008367
COT: .004
NOXT: .019
SOXT: 0
PMT: .001
PM10T: .000976

2009 Toxic Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2010 Toxic Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2011 Criteria Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .001
ROGT: .0008367
COT: .003
NOXT: .014
SOXT: 0
PMT: .00102459016393442622950819672131147540 9836
PM10T: .001

2011 Toxic Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2012 Criteria Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .001
ROGT: .0008367
COT: .003
NOXT: .014
SOXT: 0
PMT: .00102459016393442622950819672131147540 9836
PM10T: .001

2012 Toxic Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2013 Criteria Data

Facility ID:	16266	***CERR Code:***	
Facility SIC Code:	9199	***TOGT:***	.001
CO:	43	***ROGT:***	.0008367
Air Basin:	SF	***COT:***	.003
District:	BA	***NOXT:***	.014
COID:	SCL	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	.001
CHAPIS:		***PM10T:***	.001

2013 Toxic Data

Facility ID:	16266	***COID:***	SCL
Facility SIC Code:	9199	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2014 Criteria Data

Facility ID:	16266	***CERR Code:***	
Facility SIC Code:	9199	***TOGT:***	.001003182
CO:	43	***ROGT:***	
Air Basin:	SF	***COT:***	.0030294
District:	BA	***NOXT:***	.013934602
COID:	SCL	***SOXT:***	.00000646
DISN:	BAY AREA AQMD	***PMT:***	.001037316
CHAPIS:		***PM10T:***	.000995823

2014 Toxic Data

Facility ID:	16266	***COID:***	SCL
Facility SIC Code:	9199	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	16266	***CERR Code:***	
Facility SIC Code:	9199	***TOGT:***	.001185579
CO:	43	***ROGT:***	.001154267
Air Basin:	SF	***COT:***	.003580199
District:	BA	***NOXT:***	.01646816
COID:	SCL	***SOXT:***	.000007634
DISN:	BAY AREA AQMD	***PMT:***	.000235188
CHAPIS:		***PM10T:***	.00022578

2015 Toxic Data

Facility ID:	16266	***COID:***	SCL

Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2016 Criteria Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR CODE:
TOGT: .001185579
ROGT: .0010415311515
COT: .003580199
NOXT: .016468161
SOXT: .000007634
PMT: .000235188
PM10T: .00022578

2016 Toxic Data

Facility ID: 16266
Facility SIC Code: 9199
CERR CODE:
COID: SCL
CO: 43
DISN: BAY AREA AQMD
CHAPIS:
TS:
HRA:
CH Index:
AH Index:
Air Basin: SF
District: BA

2017 Criteria Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .000827541
ROGT: .0007269947685
COT: .002499
NOXT: .011494868
SOXT: .000005329
PMT: .000164162
PM10T: .000157596

2017 Toxic Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2018 Criteria Data

Facility ID: 16266
Facility SIC Code: 9199
CO: 43
Air Basin: SF
District: BA
COID: SCL
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .00082809
ROGT: .000727477065
COT: .002500658
NOXT: .011502495
SOXT: .000005332
PMT: .000164271
PM10T: .000157701

2018 Toxic Data

Facility ID:	16266	***COID:***	SCL
Facility SIC Code:	9199	***DISN:***	BAY AREA AQMD
CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2019 Criteria Data

CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
Facility ID:	16266	***ROGT:***	.000727477065
District:	BA	***COT:***	.002500658
Facility SIC Code:	9199	***NOXT:***	.011502495
CO ID:	SCL	***SOXT:***	.000005332
DISN:	BAY AREA AQMD		
PM10T:	.000157701		
TOGT:	.00082809		
PMT:	.000164271		

2019 Toxic Data

CO:	43	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
Faccility ID:	16266	***TS:***	
District:	BA	***Health Risk Asmt:***	
Facility SIC Code:	9199	***NonCncrChrnicHazInd :***	
COID:	SCL	***NonCncrActeHazInd:***	
DISN:	BAY AREA AQMD		

Site:

LINCOLN AVE SAN JOSE CA ERNS

NRC Report No:	1285117	***Latitude Degrees:***	
Type of Incident:	RAILROAD NON-RELEASE	***Latitude Minutes:***	
Incident Cause:	TRESPASSER	***Latitude Seconds:***	
Incident Date:	8/20/2020 14:02	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Direction from City:		***Location Section:***	
Location County:	SANTA CLARA	***Location Township:***	
Potential Flag:	No	***Location Range:***	
Year:	Year 2020 Reports		

Description of Incident: CALLER REPORTED A TRAIN STRUCK A PASSENGER CAR AT A GRADE CROSSING. THERE WAS ONE REPORTED INJURY THAT WAS TRANSPORTED TO THE HOSPITAL AS A PRECAUTION.

Calls Information

Date Time Received:	8/20/2020 6:46:00 PM	***Responsible City:***	
Date Time Complete:	8/20/2020 6:58:00 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	

Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	U
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	N/A
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	PASSENGERS WERE PROVIDED A BUS BRIDGE.
Type of Fuel:		***Passenger Route:***	YES
DOT Crossing No:	82D-3.90	***Passenger Delay:***	YES
DOT Regulated:	U	***Sub Part C Test Req:***	NO
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:	N/A	***Brakeman Test:***	
Grade Crossing:	Y	***Train Dispat Test:***	
Crossing Device Ty:	GATES/LIGHTS/BELLS	***Signalman Test:***	
Ty Vehicle Involved:	PASSENGER CAR	***Oth Employee Test:***	
Device Operational:	U	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	CAPUC
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:		***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	Y	***Wind Direction:***	
No. Injured:	1	***Wind Speed:***	
No. Hospitalized:	1	***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	NO
Road Closed:	Y	***Passenger Injuries:***	
Road Desc:	LINCOLN AVE	***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	

Major Artery:	No	***Sheen Size Length:***	
Track Closed:	Y	***Sheen Size Length U:***	
Track Desc:	SINGLE MAIN LINE	***Sheen Size Width:***	
Track Closure Time:	1.8	***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:	ALL	***Dir of Sheen Travel:***	
Media Interest:	UNKNOWN	***Sheen Odor Desc:***	
Medium Desc:	RAIL REPORT (N/A)	***Duration Unit:***	
Addl Medium Info:	TRESPASSER	***Additional Info:***	THE SINGLE MAIN LINE IN NORTH AND SOUTH DIRECTIONS ARE CLOSED IN ADDITION THE ADJACENT FRA TRACK IS CLOSED.

Site:

LINCOLN AVE. SAN JOSE CA

ERNS

NRC Report No:	1169431	***Latitude Degrees:***	
Type of Incident:	RAILROAD	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	1/24/2017 2:50:00 PM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Direction from City:		***Location Section:***	
Location County:	SANTA CLARA	***Location Township:***	
Potential Flag:	Yes	***Location Range:***	
Year:	Year 2017 Reports		

Description of Incident: CALLER IS MAKING A REPORT INVOLVING A DOWNED OVERHEAD WIRE CAUSING A DISRUPTION TO THE MAIN SERVICE RAILROAD LINE AT A GRADE CROSSING. A SERVICE DELAY IS STILL ONGOING.

Material Spill Information

Chris Code:	UNK	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:	000000-00-0	***If Reached Water:***	NO
UN No:		***Amount in Water:***	
Name of Material:	UNKNOWN MATERIAL	***Unit Reach Water:***	
Amount of Material:	0		

Calls Information

Date Time Received:	1/24/2017 7:47:22 PM	***Responsible City:***	
Date Time Complete:	1/24/2017 7:54:42 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	U
NPDES:		***Airbag Deployed:***	U
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	U
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	

Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	THEY HAVE A BUS BRIDGE
Type of Fuel:		***Passenger Route:***	YES
DOT Crossing No:	750155L	***Passenger Delay:***	YES
DOT Regulated:	U	***Sub Part C Test Req:***	NO
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:	3.90	***Brakeman Test:***	
Grade Crossing:	Y	***Train Dispat Test:***	
Crossing Device Ty:	GATES	***Signalman Test:***	
Ty Vehicle Involved:	NONE	***Oth Employee Test:***	
Device Operational:	U	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	SHERIFF'S DEPT; POLICE DEPT
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	POWER CREW IS REPAIRING THE OVERHEAD LINE AT THIS TIME.	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	CLEAR
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	NO
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	Y	***Sheen Size Length U:***	
Track Desc:	MAIN LINE	***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	UNKNOWN	***Sheen Odor Desc:***	
Medium Desc:	RAIL REPORT (N/A)	***Duration Unit:***	
Addl Medium Info:		***Additional Info:***	THE TRACK IS CLOSED FOR REPAIR.

Site:

EL CAMINO REAL CARLSBAD CA

ERNS

NRC Report No:	1172349	***Latitude Degrees:***	
Type of Incident:	MOBILE	***Latitude Minutes:***	
Incident Cause:	OTHER	***Latitude Seconds:***	
Incident Date:	3/2/2017 12:45:00 PM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Direction from City:		***Location Section:***	
Location County:	SAN DIEGO	***Location Township:***	
Potential Flag:	No	***Location Range:***	
Year:	Year 2017 Reports		

Description of Incident: CALLER IS REPORTING THAT A TRUCK CAUGHT FIRE RESULTING IN THE DISCHARGE OF DIESEL FUEL ONTO THE GROUND.

Material Spill Information

Chris Code:	ODS	***Unit of Measure:***	GALLON(S)
CAS No:	000000-00-0	***If Reached Water:***	NO
UN No:		***Amount in Water:***	
Name of Material:	OIL: DIESEL	***Unit Reach Water:***	
Amount of Material:	12		

Calls Information

Date Time Received:	3/2/2017 7:27:27 PM	***Responsible City:***	SAN DIEGO
Date Time Complete:	3/2/2017 7:33:26 PM	***Responsible State:***	CA
Call Type:	INC	***Responsible Zip:***	92111
Resp Company:	PEPSI	***Source:***	TELEPHONE
Resp Org Type:	PRIVATE ENTERPRISE		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	U
NPDES:		***Airbag Deployed:***	U
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	U
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	

Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:		***Brakeman Test:***	
Grade Crossing:	U	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	U	***Unknown Test:***	

Incident Details Information

Release Secured:	Y	***State Agen Report No:***	170013572
Release Rate:		***State Agen on Scene:***	FD, PD
Release Rate Unit:		***State Agen Notified:***	CITY OF CARLSBAD
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	MADE NOTIFICATIONS. COMPANY AND CITY PERSONNEL RESPONDED FOR CLEAN UP.	***Body of Water:***	
Fire Involved:	Y	***Tributary of:***	
Fire Extinguished:	Y	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	CLEAR
Radius of Evacu:		***Air Temperature:***	65
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	NO
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	UNKNOWN	***Sheen Odor Desc:***	
Medium Desc:	LAND	***Duration Unit:***	
Addl Medium Info:	/ ASPHALT	***Additional Info:***	

Site: ***EVANS POINT***
NONE EL CAMINO REAL CARLSBAD CA 92009

FINDS/FRS

Registry ID:	110066431837
FIPS Code:	
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	14-OCT-15
Update Date:	
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	

Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 09
County Name: SAN DIEGO COUNTY
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110066431837
Program Acronyms:

CA-ENVIROVIEW:186957

Site: ***T-MOBILE WEST CORPORATION SF0451A***
MONROE ST CELL@FOREST AVE SAN JOSE CA 95128

HAZ SANJOSE

Occup ID:	603751	***SIC:***	4812
Class:	B	***Hazmat Insp Dis:***	
Prop Use:	639	***Insp Dist:***	2500
Station:	10	***District:***	10
HMMP:	SHORT FORM	***Floors Above:***	1
HMMP Date:	11/29/2016	***Hide:***	FALSE
HMOC:	3		
HMOC Description:	AUTO WRECKING/MISCELLANEOUS SIMPLE FACILITIES		

Site: ***JACK HENTHORNE ASSOC***
EL CAMINO REAL CARLSBAD CA 922090000

HAZNET

SIC Code:		***Mailing City:***	CARLSBAD
NAICS Code:		***Mailing State:***	CA
EPA ID:	CAC001222160	***Mailing Zip:***	920080000
Create Date:	11/18/1996	***Region Code:***	4
Fac Act Ind:	No	***Owner Name:***	JACK HENTHORNE ASSCO
Inact Date:	10/25/2000	***Owner Addr 1:***	5431 ABANITA_____SUITE J
County Code:	37	***Owner Addr 2:***	
County Name:	San Diego	***Owner City:***	CARLSBAD
Mail Name:		***Owner State:***	CA
Mailing Addr 1:	5431 ABANITA_____SUITE J	***Owner Zip:***	920080000
Mailing Addr 2:		***Owner Phone:***	6194384090
Owner Fax:			

Contact Information

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Contact Name:	STAN FREDLANDER
Street Address 1:	5431 ABANITA_____SUITE J
Street Address 2:	
City:	CARLSBAD
State:	CA
Zip:	920080000
Phone:	6194384090
--	--
--	--

Tanner Information

--	--
Generator EPA ID:	CAC001222160
Generator County Code:	37
Generator County:	San Diego
TSD EPA ID:	CAD000088252
TSD County Code:	19

TSD County:	Los Angeles
State Waste Code:	135
State Waste Code Desc.:	Unspecified aqueous solution
Method Code:	H01
Method Description:	Transfer station
Tons:	0.21
Year:	1996
--	--
Generator EPA ID:	CAC001222160
Generator County Code:	37
Generator County:	San Diego
TSD EPA ID:	CAD000088252
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	222
State Waste Code Desc.:	Oil/water separation sludge
Method Code:	H01
Method Description:	Transfer station
Tons:	0.3752
Year:	1996
--	--

Site: ***CALABASAS HILL II LLC***
EL CAMINO REAL CARLSBAD CA 92008

HAZNET

SIC Code:		***Mailing City:***	SAN DIEGO
NAICS Code:		***Mailing State:***	CA
EPA ID:	CAC002610384	***Mailing Zip:***	921066125
Create Date:	11/8/2006	***Region Code:***	4
Fac Act Ind:	No	***Owner Name:***	CALBASAS HILL II LLC
Inact Date:	5/8/2007	***Owner Addr 1:***	2750 WOMBLE RD
County Code:	37	***Owner Addr 2:***	
County Name:	San Diego	***Owner City:***	SAN DIEGO
Mail Name:		***Owner State:***	CA
Mailing Addr 1:	2750 WOMBLE RD	***Owner Zip:***	921066125
Mailing Addr 2:		***Owner Phone:***	6197941252
Owner Fax:			

Contact Information

--	--
Contact Name:	DON MITCHEL
Street Address 1:	2750 WOMBLE RD
Street Address 2:	
City:	SAN DIEGO
State:	CA
Zip:	921066125
Phone:	6197941252
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Tanner Information

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Generator EPA ID:	CAC002610384
Generator County Code:	37
Generator County:	San Diego
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	0.975
Year:	2006
--	--
Generator EPA ID:	CAC002610384
Generator County Code:	37
Generator County:	San Diego
TSD EPA ID:	CAT080013352
TSD County Code:	19

TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	0.275
Year:	2006
--	--
Generator EPA ID:	CAC002610384
Generator County Code:	37
Generator County:	San Diego
TSD EPA ID:	ARD069748192
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H040
Method Description:	INCINERATION--THERMAL DESTRUCTION OTHER THAN USE AS A FUEL
Tons:	0.005
Year:	2006
--	--
Generator EPA ID:	CAC002610384
Generator County Code:	37
Generator County:	San Diego
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H061
Method Description:	FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons:	0.05
Year:	2006
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Site: HHSS

FARM
SAME AS ABOVE LINCOLN AVE NONE CA 93706

County:	
Pdf File Url:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000245bb.pdf

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Site: HMIRS

EL CAMINO REAL SANTA CLARA CA

Incident County:	SANTA CLARA

HMIR Incident Reports

Report No:	I-1990080022	***Fed DOT Agency Nm:***	
Report Type:	A hazardous material incident	***Fed DOT Report No:***	
Date of Incident:	1990-07-06	***Report Submit Src:***	Paper
Time of Incident:	0600	***Inc Multiple Rows:***	No
Haz Class Code:		***Inc Non US State:***	
Hazardous Class:	3	***Mode Transport:***	Highway
Commodity Short Nm:	GASOLINE INCLUDES GASOLI	***Transport Phase:***	Unloading
Commodity Long Nm:	GASOLINE INCLUDES GASOLINE MIXED WITH ETHYL ALCOHOL, WITH NOT MORE THAN 10% ALCOHOL	***Incident Occrrnce:***	
Trade Name:	ARCO CLEAR GASOLINE	***Mat Ship Approval?:***	No
ID No:	UN1203	***Mat Ship Approv No:***	
Haz Waste Ind:	No	***Undecl Hazmat Ship?:***	No
Haz Waste EPA No:		***Packaging Type:***	Cargo Tank Motor Vehicle (CTMV)
HMIS Tox Inhalation?:	No	***Packing Group:***	
TIH Hazard Zone:		***Carrier Reporter:***	ATLANTIC RICHFIELD CO (ARCO)
Qty Released:	5	***CR Street Name:***	1055 W SEVENTH STREET
Unit of Measure:	Liquid - Gallon	***CR City:***	LOS ANGELES

What Failed:	102; 106; 141	***CR State:***	CA
What Failed Desc:	Auxiliary Valve; Bottom Outlet Valve; Piping or Fittings	***CR Postal Code:***	90017
How Failed Code:	305; ;	***CR Non US State:***	
How Failed Desc:	Crushed; ;	***CR Fed DOT ID:***	0
Failure Cause Code:	; ;	***CR Hazmat Reg ID:***	
Failure Cause Desc:	; ;	***CR Country:***	US
Ident. Markings:		***Shipper Name:***	ATLANTIC RICHFIELD CO (ARCO)
Cont1 Pkging Type:		***Shipper Street Name:***	1055 W SEVENTH STREET
Cont1 Const Mat:		***Shipper City:***	LOS ANGELES
Cont1 Head Type:		***Shipper State:***	CA
Cont1 Pkg Capacity:	4200	***Shipper Postal:***	90017
C1 Capacity UOM:	LGA	***Shipper Non US St:***	
Cont1 Pkg Amt:	0	***Shipper Country:***	US
C1 Pkg Amt UOM:		***Shipper Waybill:***	INVOICE #393174
Cont1 Pkg No:	1	***Ship Hazmat Reg ID:***	
C1 Pkg NO Failed:	1	***Origin City:***	SAN JOSE
Cont1 Pkg Mnfctr:	WELD-IT INC	***Origin State:***	CA
Cont1 Pkg Mnfct Dt:	0-00-00 00:00:00	***Origin Postal:***	95131
Cont1 Pkg Serial NO:		***Origin Non US St:***	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	***Origin Country:***	US
C1 Test Const Mat:		***Destination City:***	SANTA CLARA
C1 Pkg Dsign Pres.:	0	***Destination State:***	CALIFORNIA
C1 Dsign Press UOM:		***Destination Postal:***	95050
C1 Pkg Shell Thick:	0	***Destination Non US:***	
C1 Shell Thick UOM:		***Destination Country:***	US
C1 Head Thickness:	0	***Cont2 Package Type:***	
C1 Head Thick UOM:		***Cont2 Const Mat:***	
C1 Pkg Srvc Pres.:	0	***Cont2 Pkg Capacity:***	0
C1 Srvc Press UOM:		***Cont2 Capacity UOM:***	
C1 Valve/Device Fail?:	No	***Cont2 Pkg Amount:***	0
C1 Device Type:		***Cont2 Pkg Amt UOM:***	
C1 Device Mnfctr:		***Cont2 Pkg No:***	0
C1 Device Model:		***Cont2 Pkg No Failed:***	0
NRC No:			

RAM Pkg Category:		***Haz NonHosp Public:***	0
RAM Pkg Cert.:	FALSE	***Haz NonHosp Old:***	
RAM Pkg Cert. NBR:		***Tot Haz Non Hosp Inj:***	
RAM Nuclide S:		***Total Hazmat Injuries:***	0
RAM Transport Index:		***Evacuation Indicator:***	No
RAM UOM:		***Public Evacuated:***	0
RAM Activity Rpted:	0	***Employees Evac:***	0
RAM UOM Rpted:		***Total Evacuated:***	0
RAM Activity:	0	***Total Evacuation Hrs:***	0
RAM Activity UOM:		***Major Artery Closed:***	No
RAM Mat Safety:		***Mjr Artery Hrs Closed:***	0
Spillage Result:	Yes	***Material Involved:***	No
Fire Result:	No	***Estimated Speed:***	0
Explosion Result:	No	***Weather Conditions:***	
Water Sewer Result:	No	***Vehicle Overturn:***	No
Gas Dispersion:	No	***Vehicle Left Roadway:***	No
Environment Damage:	No	***Passenger Aircraft:***	No
No Release Result:	Yes	***Cargo Baggage:***	
Fire EMS Report:	No	***Ship Non Transport:***	No
Fire EMS EMS Report:		***Ship Air First Flight:***	No
Police Report:	No	***Ship Air Subflight:***	No
Police Report No:		***Ship Init Transport:***	No
In House Cleanup:	No	***Ship Phase Transfer:***	No
Other Cleanup:	No	***Contact Name:***	D L MONTGOMERY
Damage > 500:	No	***Contact Title:***	MGR-MOTOR VEHICLE&SAFETY
Material Loss:	5	***Contact Business:***	
Carrier Damage:	0	***Contact Street:***	
Property Damage:	400	***Contact City:***	
Response Cost:	0	***Contact State:***	
Remediation Cost:	0	***Contact Postal:***	
Damage Old Form:	0	***Contact Non US St:***	
Total Damages Amt:	405	***Contact Country:***	US
Hazmat Fatality:	No	***Inc. Report Prepared:***	
Haz Fatal Employees:	0	***HMIS Serious Incidnt:***	No
Haz Fatal Respndrs:	0	***HMIS Serious Fatality:***	No

Haz Fatal Gen Public:	0	***HMIS Serious Injury:***	No
Tot Hazmat Fatalities:	0	***HMIS Flight Plan:***	No
Non Hazmat Fatality:	No	***HMIS Serious Evacs:***	No
Non Hazmat Fatals:	0	***HMIS Major Artery:***	No
Hazmat Injury:	No	***HMIS Bulk Release:***	No
Haz Hospital Empl:	0	***HMIS Marine Pollutnt:***	No
Haz Hospital Resp:	0	***HMIS Radioactive:***	No
Haz Hosp Gen Public:	0	***HMIS Gen Pkg Type:***	TANK
Haz Hosp Old Form:	0	***HMIS Container Code:***	MC306
Total Haz Hosp Inj:	0	***HMIS Container Desc:***	Cargo tanks
Haz Non Hosp Empl:	0	***HMIS Bulk Incident:***	Yes
Haz Non Hosp Resp:	0	***Undeclared Shipment:***	No

Description of Events: ARCO TRUCK WAS UNLOADING AT STATION #0606 WHEN A MOTORIST IN A 4X4 BLAZER ENTERED THE STATION AND DROVE AROUND THE UNLOADING FITTINGS AND HOSE TO GET TO THE AIR PUMP. AT THIS TIME, THE ARCO DRIVER STOPPED THE FLOW OF PRODUCT AND WATCHED FROM THE FRONT OF THE TRUCK. AS THE DRIVER OF THE 4X4 BLAZER BACKED UP, HE HIT A FITTING THAT WAS CONNECTED TO THE CLEAR FILL CAUSING IT TO BREAK APART. APPROXIMATELY 5 GALLONS OF GASOLINE SPILLED ON THE CONCRETE AND WAS CLEANED UP BY OUR DRIVER USING SPILL PADS.

Recommend Actions Taken:

Site:

EL CAMINO REAL SUNNYVALE CA

HMIRS

Incident County: SANTA CLARA

HMIR Incident Reports

Report No:	I-2000111136	***Fed DOT Agency Nm:***	
Report Type:	A hazardous material incident	***Fed DOT Report No:***	
Date of Incident:	2000-10-18	***Report Submit Src:***	Paper
Time of Incident:	1145	***Inc Multiple Rows:***	No
Haz Class Code:		***Inc Non US State:***	
Hazardous Class:	3	***Mode Transport:***	Highway
Commodity Short Nm:	ETHYL LACTATE	***Transport Phase:***	In Transit
Commodity Long Nm:	ETHYL LACTATE	***Incident Occrrnce:***	
Trade Name:		***Mat Ship Approval?:***	No
ID No:	UN1192	***Mat Ship Approv No:***	
Haz Waste Ind:	No	***Undecl Hazmat Ship?:***	No
Haz Waste EPA No:		***Packaging Type:***	Non-Bulk
HMIS Tox Inhalation?:	No	***Packing Group:***	
TIH Hazard Zone:		***Carrier Reporter:***	ROADWAY EXPRESS INC
Qty Released:	27	***CR Street Name:***	1077 GORGE BLVD
Unit of Measure:	Liquid - Gallon	***CR City:***	AKRON
What Failed:	109	***CR State:***	OH
What Failed Desc:	Closure (e.g., Cap, Top, or Plug)	***CR Postal Code:***	44310
How Failed Code:		***CR Non US State:***	
How Failed Desc:		***CR Fed DOT ID:***	71821
Failure Cause Code:		***CR Hazmat Reg ID:***	
Failure Cause Desc:		***CR Country:***	US
Ident. Markings:		***Shipper Name:***	PENTA INTERNATIONAL
Cont1 Pkging Type:		***Shipper Street Name:***	50 OKNER PARKWAY
Cont1 Const Mat:		***Shipper City:***	LIVINGSTON
Cont1 Head Type:		***Shipper State:***	NJ
Cont1 Pkg Capacity:	55	***Shipper Postal:***	07039
C1 Capacity UOM:	LGA	***Shipper Non US St:***	
Cont1 Pkg Amt:	0	***Shipper Country:***	US
C1 Pkg Amt UOM:		***Shipper Waybill:***	1112100817
Cont1 Pkg No:	2	***Ship Hazmat Reg ID:***	
C1 Pkg NO Failed:	1	***Origin City:***	
Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER	***Origin State:***	
Cont1 Pkg Mnfct Dt:	0-00-00 00:00:00	***Origin Postal:***	
Cont1 Pkg Serial NO:		***Origin Non US St:***	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	***Origin Country:***	US
C1 Test Const Mat:		***Destination City:***	SUNNYVALE
C1 Pkg Dsign Pres.:	0	***Destination State:***	CALIFORNIA
C1 Dsign Press UOM:		***Destination Postal:***	94089
C1 Pkg Shell Thick:	0	***Destination Non US:***	
C1 Shell Thick UOM:		***Destination Country:***	US
C1 Head Thickness:	0	***Cont2 Package Type:***	

C1 Head Thick UOM:		***Cont2 Const Mat:***	
C1 Pkg Srvc Pres.:	0	***Cont2 Pkg Capacity:***	0
C1 Srvc Press UOM:		***Cont2 Capacity UOM:***	
C1 Valve/Device Fail?:	No	***Cont2 Pkg Amount:***	0
C1 Device Type:		***Cont2 Pkg Amt UOM:***	
C1 Device Mnfctr:		***Cont2 Pkg No:***	0
C1 Device Model:		***Cont2 Pkg No Failed:***	0
NRC No:			
RAM Pkg Category:		***Haz NonHosp Public:***	0
RAM Pkg Cert.:	FALSE	***Haz NonHosp Old:***	
RAM Pkg Cert. NBR:		***Tot Haz Non Hosp Inj:***	
RAM Nuclide S:		***Total Hazmat Injuries:***	0
RAM Transport Index:		***Evacuation Indicator:***	No
RAM UOM:		***Public Evacuated:***	0
RAM Activity Rpted:	0	***Employees Evac:***	0
RAM UOM Rpted:		***Total Evacuated:***	0
RAM Activity:	0	***Total Evacuation Hrs:***	0
RAM Activity UOM:		***Major Artery Closed:***	No
RAM Mat Safety:		***Mjr Artery Hrs Closed:***	0
Spillage Result:	Yes	***Material Involved:***	No
Fire Result:	No	***Estimated Speed:***	0
Explosion Result:	No	***Weather Conditions:***	
Water Sewer Result:	No	***Vehicle Overturn:***	No
Gas Dispersion:	No	***Vehicle Left Roadway:***	No
Environment Damage:	No	***Passenger Aircraft:***	No
No Release Result:	No	***Cargo Baggage:***	
Fire EMS Report:	No	***Ship Non Transport:***	No
Fire EMS EMS Report:		***Ship Air First Flight:***	No
Police Report:	No	***Ship Air Subflight:***	No
Police Report No:		***Ship Init Transport:***	No
In House Cleanup:	No	***Ship Phase Transfer:***	No
Other Cleanup:	No	***Contact Name:***	LORI LEONTI
Damage > 500:	Yes	***Contact Title:***	SAFETY DEPARTMENT
Material Loss:	500	***Contact Business:***	
Carrier Damage:	0	***Contact Street:***	
Property Damage:	0	***Contact City:***	
Response Cost:	0	***Contact State:***	
Remediation Cost:	2000	***Contact Postal:***	
Damage Old Form:	0	***Contact Non US St:***	
Total Damages Amt:	2500	***Contact Country:***	US
Hazmat Fatality:	No	***Inc. Report Prepared:***	
Haz Fatal Employees:	0	***HMIS Serious Incidnt:***	No
Haz Fatal Respndrs:	0	***HMIS Serious Fatality:***	No
Haz Fatal Gen Public:	0	***HMIS Serious Injury:***	No
Tot Hazmat Fatalities:	0	***HMIS Flight Plan:***	No
Non Hazmat Fatality:	No	***HMIS Serious Evacs:***	No
Non Hazmat Fatals:	0	***HMIS Major Artery:***	No
Hazmat Injury:	No	***HMIS Bulk Release:***	No
Haz Hospital Empl:	0	***HMIS Marine Pollutnt:***	No
Haz Hospital Resp:	0	***HMIS Radioactive:***	No
Haz Hosp Gen Public:	0	***HMIS Gen Pkg Type:***	DRUM NON-METAL
Haz Hosp Old Form:	0	***HMIS Container Code:***	DRUM PLS
Total Haz Hosp Inj:	0	***HMIS Container Desc:***	Plastic drum
Haz Non Hosp Empl:	0	***HMIS Bulk Incident:***	No
Haz Non Hosp Resp:	0	***Undeclared Shipment:***	No

Description of Events: WHILE TRAVELING ON EL CAMINO REAL, IN SUNNYVALE, CALIFORNIA, THE DRIVER DISCOVERED FREE PRODUCT LEAKING FROM THE TRAILER. UPON INVESTIGATION, ONE LEAKING, 55-GALLON PLASTIC DRUM WAS DISCOVERED IN THE REAR OF THE TRAILER. APPROXIMATELY 27 GALLONS OF FREE PRODUCT WERE RELEASED. THE SUNNYVALE, CALIFORNIA FIRE DEPARTMENT RESPONDED TO THE SCENE AND ISOLATED THE AREA. FOSS ENVIRONMENTAL OF ALAMEDA, CALIFORNIA RESPONDED TO PERFORM THE CLEANUP. NO INJURIES OR EXPOSURES WERE REPORTED. THE MSDS WAS REQUESTED AND RECEIVED.

Recommend Actions Taken:

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List: NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Jun 25, 2021

National Priority List - Proposed: PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Jun 25, 2021

Deleted NPL: DELETED NPL

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.

Government Publication Date: Jun 25, 2021

SEMS List 8R Active Site Inventory: SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Mar 23, 2021

SEMS List 8R Archive Sites: SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: May 25, 2021

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means 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 this site on the National Priorities List (NPL). This 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 a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jun 14, 2021

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info 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. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Jun 14, 2021

RCRA Generator List: RCRA LQG

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jun 14, 2021

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jun 14, 2021

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jun 14, 2021

RCRA Non-Generators: RCRA NON GEN

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jun 14, 2021

Federal Engineering Controls-ECs: FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Feb 23, 2021

Federal Institutional Controls- ICs: FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Feb 23, 2021

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Nov 9, 2020

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

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 protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Aug 20, 2021

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 2, 2020

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 10, 2020

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Apr 28, 2020

LIEN on Property: SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: May 25, 2021

Superfund Decision Documents: SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Jun 28, 2021

State

State Response Sites: RESPONSE

A list of identified confirmed release sites where the Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. This database is state equivalent NPL.

Government Publication Date: Jun 14, 2021

EnviroStor Database: ENVIROSTOR

The EnviroStor Data Management System is made available by the Department of Toxic Substances Control (DTSC). Includes Corrective Action sites, Tiered Permit sites, Historical Sites and Evaluation/Investigation sites. This database is state equivalent CERCLIS.

Government Publication Date: Jun 14, 2021

Delisted State Response Sites: DELISTED ENVS

Sites removed from the list of State Response Sites made available by the EnviroStor Data Management System, Department of Toxic Substances Control (DTSC).

Government Publication Date: Jun 14, 2021

Solid Waste Information System (SWIS): SWF/LF

The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

Government Publication Date: Jul 20, 2021

Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels: SWRCB SWF

This is a list of solid waste disposal sites identified by California State Water Resources Control Board with waste constituents above hazardous waste levels outside the waste management unit.

Government Publication Date: Sep 20, 2006

EnviroStor Hazardous Waste Facilities: HWP

A list of hazardous waste facilities including permitted, post-closure and historical facilities found in the Department of Toxic Substances Control (DTSC) EnviroStor database.

Government Publication Date: Jun 14, 2021

Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report: SWAT

In a 1993 Memorandum of Understanding, the State Water Resources Control Board (SWRCB) agreed to submit a comprehensive report on the Solid Waste Assessment Test (SWAT) Program to the California Integrated Waste Management Board (CIWMB). This report summarizes the work completed to date on the SWAT Program, and addresses both the impacts that leakage from solid waste disposal sites (SWDS) may have upon waters of the State and the actions taken to address such leakage.

Government Publication Date: Dec 31, 1995

Construction and Demolition Debris Recyclers: C&D DEBRIS RECY

This listing of Construction and Demolition Debris Recyclers is maintained by the California Intergrated Waste Management Board-common C&D materials include lumber, drywall, metals, masonry (brick, concrete, etc.), carpet, plastic, pipe, rocks, dirt, paper, cardboard, or green waste related to land development.

Government Publication Date: Jun 20, 2018

Recycling Centers: RECYCLING

This list of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Nov 2, 2020

Listing of Certified Processors: PROCESSORS

This list of Certified Processors that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Oct 27, 2020

Listing of Certified Dropoff, Collection, and Community Service Programs: CONTAINER RECY

This list of Certified Dropoff, Collection, and Community Service Programs (non-buyback) operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Dec 16, 2020

Land Disposal Sites: LDS

Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.

Government Publication Date: Jun 22, 2021

Leaking Underground Fuel Tank Reports: LUST

List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.

Government Publication Date: Jun 22, 2021

Delisted Leaking Storage Tanks: DELISTED LST

List of Leaking Underground Storage Tanks (LUST) cleanup sites removed from GeoTracker, the State Water Resources Control Board (SWRCB)'s database system, as well as sites removed from the SWRCB's list of UST Case closures.

Government Publication Date: Jun 22, 2021

Permitted Underground Storage Tank (UST) in GeoTracker: UST

List of Permitted Underground Storage Tank (UST) sites made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA).

Government Publication Date: Jul 25, 2021

Proposed Closure of Underground Storage Tank Cases: UST CLOSURE

List of UST cases that are being considered for closure by either the California Environmental Protection Agency, State Water Resources Control Board or the Executive Director that have been posted for a 60-day public comment period.

Government Publication Date: May 5, 2021

Historical Hazardous Substance Storage Information Database: HHSS

The Historical Hazardous Substance Storage database contains information collected in the 1980s from facilities that stored hazardous substances. The information was originally collected on paper forms, was later transferred to microfiche, and recently indexed as a searchable database. When using this database, please be aware that it is based upon self-reported information submitted by facilities which has not been independently verified. It is unlikely that every facility responded to the survey and the database should not be expected to be a complete inventory of all facilities that were operating at that time. This database is maintained by the California State Water Resources Control Board's (SWRCB) Geotracker.

Government Publication Date: Aug 27, 2015

Statewide Environmental Evaluation and Planning System: UST SWEEPS

The Statewide Environmental Evaluation and Planning System (SWEEPS) is a historical listing of active and inactive underground storage tanks made available by the California State Water Resources Control Board (SWRCB).

Government Publication Date: Oct 1, 1994

Aboveground Storage Tanks: AST

A statewide list from 2009 of aboveground storage tanks (ASTs) made available by the Cal FIRE Office of the State Fire Marshal (OSFM). This list is no longer maintained or updated by the Cal FIRE OSFM.

Government Publication Date: Aug 31, 2009

SWRCB Historical Aboveground Storage Tanks: AST SWRCB

A list of aboveground storage tanks made available by the California State Water Resources Control Board (SWRCB). Effective January 1, 2008, the Certified Unified Program Agencies (CUPAs) are vested with the responsibility and authority to implement the Aboveground Petroleum Storage Act (APSA).

Government Publication Date: Dec 1, 2007

Oil and Gas Facility Tanks: TANK OIL GAS

Locations of oil and gas tanks that fall under the jurisdiction of the Geologic Energy Management Division of the California Department of Conservation (CalGEM) (CCR 1760). CalGEM was formerly the Division of Oil, Gas, and Geothermal Resources (DOGGR).

Government Publication Date: Jun 28, 2021

Delisted Storage Tanks: DELISTED TNK

This database contains a list of storage tank sites that were removed by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA) and the Cal FIRE Office of State Fire Marshal (OSFM).

Government Publication Date: Jul 25, 2021

California Environmental Reporting System (CERS) Tanks: CERS TANK

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. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Apr 29, 2021

Delisted California Environmental Reporting System (CERS) Tanks: DELISTED CTNK

This database contains a list of Aboveground Petroleum Storage and Underground Storage Tank sites that were removed from in the California Environmental Protection Agency (CalEPA) Regulated Site Portal.

Government Publication Date: Apr 29, 2021

Historical Hazardous Substance Storage Container Information - Facility Summary: HIST TANK

The State Water Resources Control Board maintained the Hazardous Substance Storage Containers listing and inventory in th 1980s. This facility summary lists historic tank sites where the following container types were present: farm motor vehicle fuel tanks; waste tanks; sumps; pits, ponds, lagoons, and others; and all other product tanks. This set, published in May 1988, lists facility and owner information, as well as the number of containers. This data is historic and will not be updated.

Government Publication Date: May 27, 1988

Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions: LUR

The Department of Toxic Substances Control (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 land use restrictions that are active. Some sites have multiple land use restrictions.

Government Publication Date: Jun 14, 2021

CALSITES Database: CALSITES

This historical database was maintained by the Department of Toxic Substance Control (DTSC) for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

Government Publication Date: May 1, 2004

Hazardous Waste Management Program Facility Sites with Deed / Land Use Restrictions: HLUR

The Department of Toxic Substances Control (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.

Government Publication Date: Feb 18, 2021

Deed Restrictions and Land Use Restrictions: DEED

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

Government Publication Date: Jun 22, 2021

Voluntary Cleanup Program: VCP

List of sites in the Voluntary Cleanup Program made available by the Department of Toxic Substances and Control (DTSC). The Voluntary Cleanup Program was designed to respond to lower priority sites. Under the Voluntary Cleanup Program, DTSC enters site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities, and the project proponents agree to pay DTSC's reasonable costs for those services.

Government Publication Date: Jun 14, 2021

GeoTracker Cleanup Program Sites: CLEANUP SITES

A list of Cleanup Program sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

Government Publication Date: Jun 22, 2021

Delisted County Records: DELISTED COUNTY

Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.

Government Publication Date: Jul 9, 2021

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands: INDIAN LUST
LUSTs on Tribal/Indian Lands in Region 9, which includes California.
Government Publication Date: Apr 8, 2020

Underground Storage Tanks (USTs) on Indian Lands: INDIAN UST
USTs on Tribal/Indian Lands in Region 9, which includes California.
Government Publication Date: Apr 8, 2020

Delisted Tribal Leaking Storage Tanks: DELISTED ILST
Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.
Government Publication Date: Apr 14, 2020

Delisted Tribal Underground Storage Tanks: DELISTED IUST
Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.
Government Publication Date: Apr 14, 2020

County

Santa Clara County - Historic Solvent Case Listing: HSOL SANTACLARA
The Santa Clara Valley Water District was responsible for the oversight of solvent and toxic release cases and maintained a list of historic solvent cases in Santa Clara County.
Government Publication Date: Aug 22, 2016

Santa Clara County - Local Oversight Program Listing: LOP SANTACLARA
A list of Leaking Underground Storage Tanks (LUST) facilities in Santa Clara County Provided by Santa Clara Department of Environmental Health (DEH). Since July 1, 2004 the DEH has served as the oversight agency for investigations and clean-up of petroleum releases from underground storage tanks through implementation of the Local Oversight Program (LOP) contract with the State Water Resources Control Board.
Government Publication Date: Jun 14, 2017

Santa Clara County - Underground Storage Tanks: UST SANTACLARA
List of underground storage tanks made available by the County of Santa Clara's Hazardous Materials Compliance Division.
Government Publication Date: Jun 28, 2021

Santa Clara County - CUPA Facilities List: CUPA SANTACLARA
A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Santa Clara County. This list is made available by Santa Clara County Department of Environmental health (DEH). DEH's Hazardous Materials Compliance Division (HMCD) is CUPA for the county with jurisdiction within the Cities of Los Altos Hills, Monte Sereno, and Saratoga; and in all unincorporated areas of Santa Clara County, including Moffett Field, San Martin, and Stanford.
Government Publication Date: Mar 13, 2021

Santa Clara County - City of San Jose Hazardous Material Facilities: HAZ SANJOSE
A list of facilities with hazardous materials, including underground and aboveground tanks. This list is maintained by the City of San Jose Fire Department.
Government Publication Date: Oct 15, 2020

Santa Clara County - Gilroy City CUPA Facilities List: CUPA GILROY
The Gilroy City Fire Marshal's office maintains a list of CUPA Facilities located in Gilroy City.
Government Publication Date: Sep 21, 2020

Santa Clara County - Sunnyvale City CUPA List: CUPA SUNNYVALE

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Sunnyvale City, Santa Clara County. This list is made available by the Fire Prevention & Hazardous Materials division of the Sunnyvale Department of Public Safety.

Government Publication Date: Jul 16, 2019

Additional Environmental Record Sources

Federal

PFOA/PFOS Contaminated Sites: PFAS NPL

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Mar 1, 2021

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Nov 2, 2020

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Feb 19, 2020

Perfluorinated Alkyl Substances (PFAS) Releases: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Feb 19, 2020

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department") provides this data 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.

Government Publication Date: Oct 5, 2020

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).
Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA
The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.
Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN
An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.
Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP
An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.
Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP
Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.
Government Publication Date: Jun 25, 2021

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER
The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.
Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS
The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.
Government Publication Date: Jun 14, 2021

Drycleaner Facilities: FED DRYCLEANERS
A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.
Government Publication Date: May 5, 2021

Delisted Drycleaner Facilities: DELISTED FED DRY
List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).
Government Publication Date: May 5, 2021

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: May 26, 2021

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Jul 7, 2020

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Nov 3, 2020

Surface Mining Control and Reclamation Act Sites: SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (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 Abandoned Mine Land (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.

Government Publication Date: Dec 18, 2020

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2006

Uranium Mill Tailings Radiation Control Act Sites: URANIUM

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

Government Publication Date: Mar 4, 2017

Alternative Fueling Stations: ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Jul 12, 2021

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Apr 13, 2021

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Nov 19, 2020

State

Dry Cleaning Facilities: DRYCLEANERS

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial, linen supply, commercial laundry, dry cleaning and pressing machines - Coin Operated Laundry and Dry Cleaning. This is provided by the Department of Toxic Substance Control.

Government Publication Date: Feb 22, 2021

Delisted Drycleaners: DELISTED DRYCLEANERS

Sites removed from the list of drycleaner related facilities that have EPA ID numbers, made available by the California Department of Toxic Substance Control.

Government Publication Date: Feb 22, 2021

Non-Toxic Dry Cleaning Incentive Program: DRYC GRANT

A list of grant recipients of the Non-Toxic Dry Cleaning Incentive Program made available by the California Air Resources Board (CARB). The program provides grants to eligible dry cleaning businesses to assist them in transitioning away from PERC machines to alternative non-toxic and non-smog forming technologies.

Government Publication Date: Feb 28, 2018

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

List of sites from the State Water Resources Control Board (SWRCB)'s GeoTracker at which one or more of the potential contaminants of concern are in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Jun 22, 2021

PFOA/PFOS Groundwater: PFAS GW

A list of water wells from the Groundwater Ambient Monitoring and Assessment Program (GAMA) Groundwater Information System with the groundwater chemical perfluorooctanoic acid (PFOA) (NL = 0.014 UG/L) or perfluorooctanoic sulfonate (PFOS) (NL = 0.013 UG/L). The GAMA Groundwater Information System search is made available by California Water Boards.

Government Publication Date: Oct 22, 2020

Hazardous Waste and Substances Site List - Site Cleanup: HWSS CLEANUP

The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. This list is published by California Department of Toxic Substance Control.

Government Publication Date: May 20, 2021

List of Hazardous Waste Facilities Subject to Corrective Action: DTSC HWF

This is a list of hazardous waste facilities identified in Health and Safety Code (HSC) § 25187.5. These facilities are those where Department of Toxic Substances Control (DTSC) has taken or contracted for corrective action because a facility owner/operator has failed to comply with a date for taking corrective action in an order issued under HSC § 25187, or because DTSC determined that immediate corrective action was necessary to abate an imminent or substantial endangerment.

Government Publication Date: Jul 18, 2016

EnviroStor Inspection, Compliance, and Enforcement: INSP COMP ENF

A list of permitted facilities with inspections and enforcements tracked in the Department of Toxic Substance Control (DTSC) EnviroStor.

Government Publication Date: Apr 29, 2021

School Property Evaluation Program Sites: SCH

A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.

Government Publication Date: Jun 14, 2021

California Hazardous Material Incident Report System (CHMIRS): CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Jan 21, 2021

Historical California Hazardous Material Incident Report System (CHMIRS): HIST CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS) prior to 1993. This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Jan 1, 1993

Hazardous Waste Manifest Data: HAZNET

A list of hazardous waste manifests received each year by Department of Toxic Substances Control (DTSC). The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Oct 24, 2016

Historical Hazardous Waste Manifest Data: HIST MANIFEST

A list of historic hazardous waste manifests received by the Department of Toxic Substances Control (DTSC) from year the 1980 to 1992. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Dec 31, 1992

DTSC Registered Hazardous Waste Transporters: HW TRANSPORT

The California Department of Toxic Substances Control (DTSC) maintains this list of Registered Hazardous Waste Transporters.

Government Publication Date: Oct 19, 2020

Registered Waste Tire Haulers: WASTE TIRE

This list of registered waste tire haulers is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Dec 16, 2020

California Medical Waste Management Program Facility List: MEDICAL WASTE

This list of Medical Waste Management Program Facilities is maintained by the California Department of Public Health. The Medical Waste Management Program (MWMP) regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations. This list contains transporters, treatment, and transfer facilities.

Government Publication Date: Dec 31, 2020

Historical Cortese List: HIST CORTESE

List of sites which were once included on the Cortese list. The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements for providing information about the location of hazardous sites.

Government Publication Date: Nov 13, 2008

Cease and Desist Orders and Cleanup and Abatement Orders: CDO/CAO

The California Environment Protection Agency "Cortese List" of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO). This list contains many CDOs and CAOs that do NOT concern the discharge of wastes that are hazardous materials. Many of the listed orders concern, as examples, discharges of domestic sewage, food processing wastes, or sediment that do not contain hazardous materials, but the Water Boards' database does not distinguish between these types of orders.

Government Publication Date: Feb 16, 2012

California Environmental Reporting System (CERS) Hazardous Waste Sites: CERS HAZ

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Feb 9, 2021

Delisted Environmental Reporting System (CERS) Hazardous Waste Sites: DELISTED HAZ

This database contains a list of sites that were removed from the California Environmental Protection Agency (CalEPA) in the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator.

Government Publication Date: Nov 29, 2018

Sites in GeoTracker: GEOTRACKER

GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. This is a list of sites in GeoTracker that aren't otherwise categorized as LUST, Land Disposal Sites (LDS), Cleanup Sites, or sites having Waste Discharge Requirements (WDR). This listing includes program types such as Underground Injection Control (UIC), Confined Animal Facilities (CAF), Irrigated Lands Regulatory Program, plans, and non-case information.

Government Publication Date: Jun 22, 2021

Mines Listing: MINE

This list includes mine site locations extracted from the Mines Online database, maintained by the California Department of Conservation. Mines Online (MOL) is an interactive web map designed with GIS features that provide information such as the mine name, mine status, commodity sold, location, and other mine specific data. Please note: Mine location information is provided to assist experts in determining the location of mine operators in accordance with California Civil Code section 1103.4 and reflects information reported by mine operators in annual reports provided under Public Resources Code section 2207. While the Division of Mine Reclamation (DMR) attempts to populate MOL with accurate location information, the DMR cannot guarantee the accuracy of operator reported location information.

Government Publication Date: Jan 12, 2021

Recorded Environmental Cleanup Liens: LIEN

The California Department of Toxic Substance Control (DTSC) maintains this list of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

Government Publication Date: Nov 16, 2020

Waste Discharge Requirements: WASTE DISCHG

List of sites in California State Water Resources Control Board (SWRCB) Waste Discharge Requirements (WDRs) Program in California, made available by the SWRCB via GeoTracker. The WDR program regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Government Publication Date: Jun 22, 2021

Toxic Pollutant Emissions Facilities: EMISSIONS

A list of criteria and toxic pollutant emissions data for facilities in California made available by the California Environmental Protection Agency - Air Resources Board (ARB). Risk data may be based on previous inventory submittals. The toxics data are submitted to the ARB by the local air districts as requirement of the Air Toxics "Hot Spots" Program. This program requires emission inventory updates every four years.

Government Publication Date: Dec 31, 2019

Clandestine Drug Lab Sites: CDL

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/clandestine drug laboratories.

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental databases were selected to be included in the search.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		21082700544p
Date Completed:		August 28, 2021
Project Number:		575-1902
Project Property:		Office Building 1601 Civic Center Drive Santa Clara CA 95050
Coordinates:		
	Latitude:	37.3538444
	Longitude:	-121.95601019
	UTM Northing:	4134637.77256 Meters
	UTM Easting:	592459.258347 Meters
	UTM Zone:	UTM Zone 10S
	Elevation:	75.51 ft
	Slope Direction:	N

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The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2015)

Quadrangle(s): San Jose West, CA

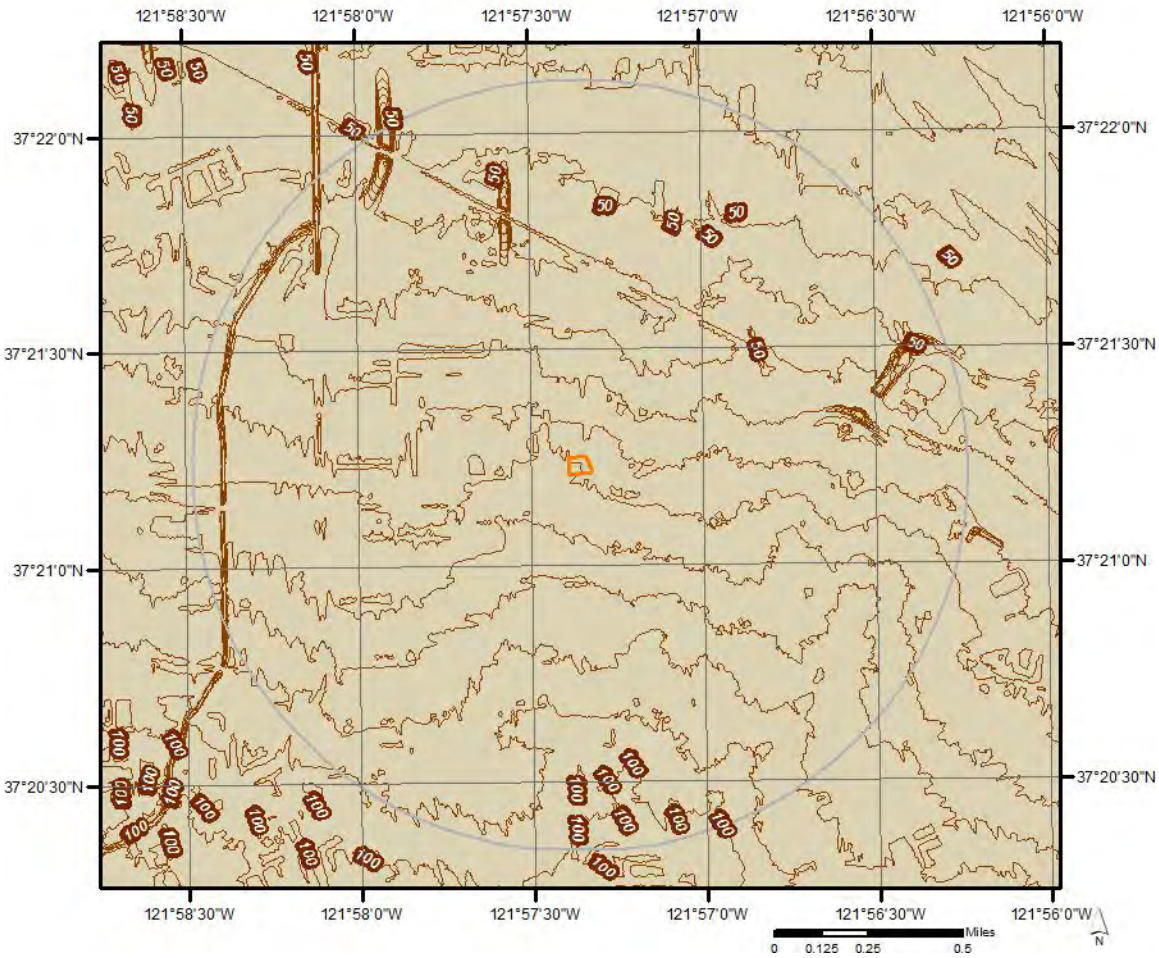
Source: USGS 7.5 Minute Topographic Map

Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation:	75.51 ft
Slope Direction:	N



Hydrologic Information



Wetland

0 0.075 0.15 0.3 Miles

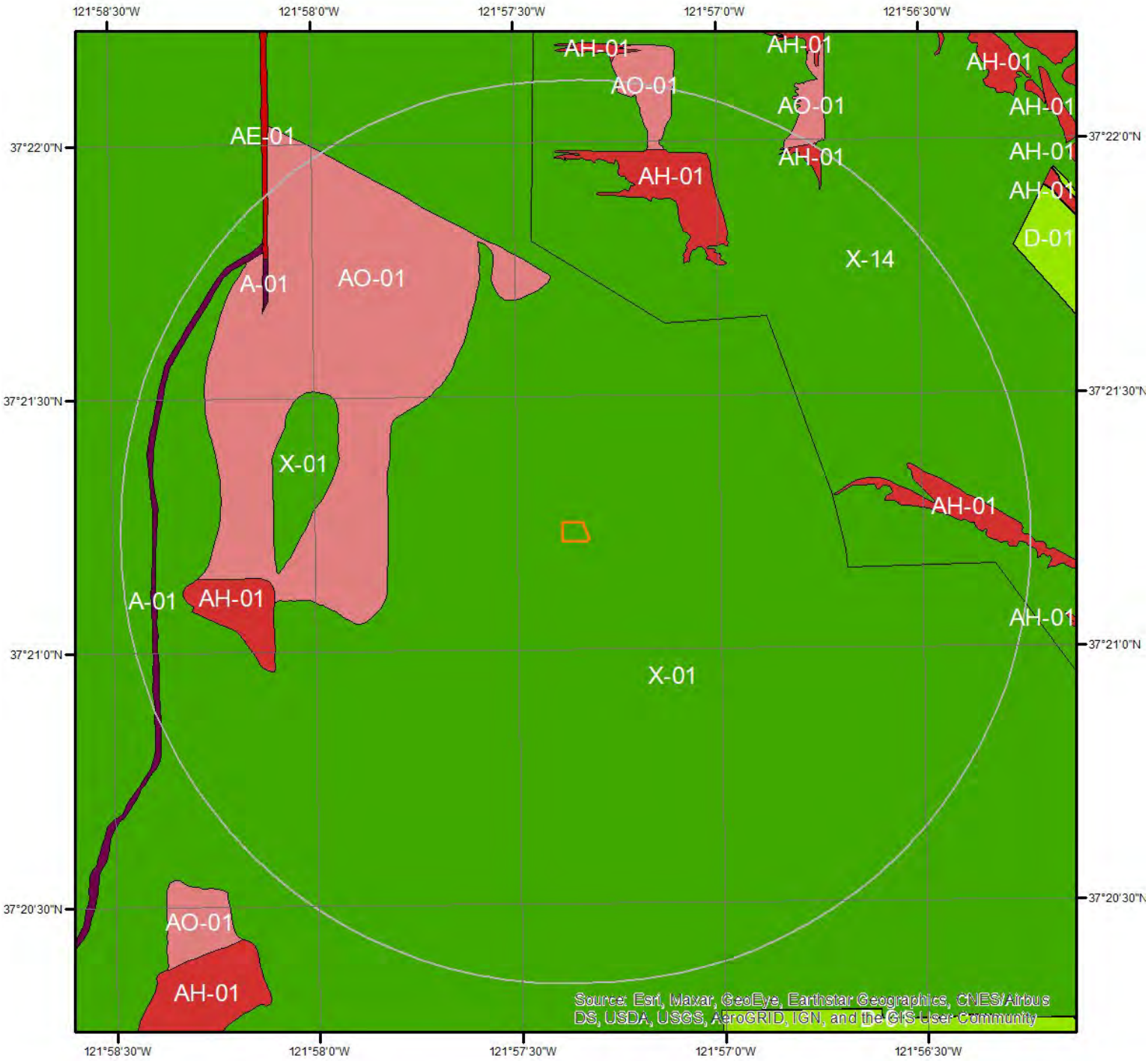
N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



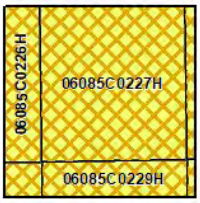
Flood Hazard Zones

Miles
0 0.2 0.4

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

A	AO	X
A99	V	OPEN WATER
AE	VE	NOT POPULATED
AH	D	AREA NOT INCLUDED

N



ERIS

Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.

Available FIRM Panels in area:	06085C0228H(effective:2009-05-18) 06085C0226H(effective:2009-05-18) 06085C0229H(effective:2009-05-18) 06085C0227H(effective:2009-05-18) 06085C0231H(effective:2009-05-18)

Flood Zone A-01

Zone:	A
Zone subtype:	

Flood Zone AE-01

Zone:	AE
Zone subtype:	

Flood Zone AH-01

Zone:	AH
Zone subtype:	

Flood Zone AO-01

Zone:	AO
Zone subtype:	

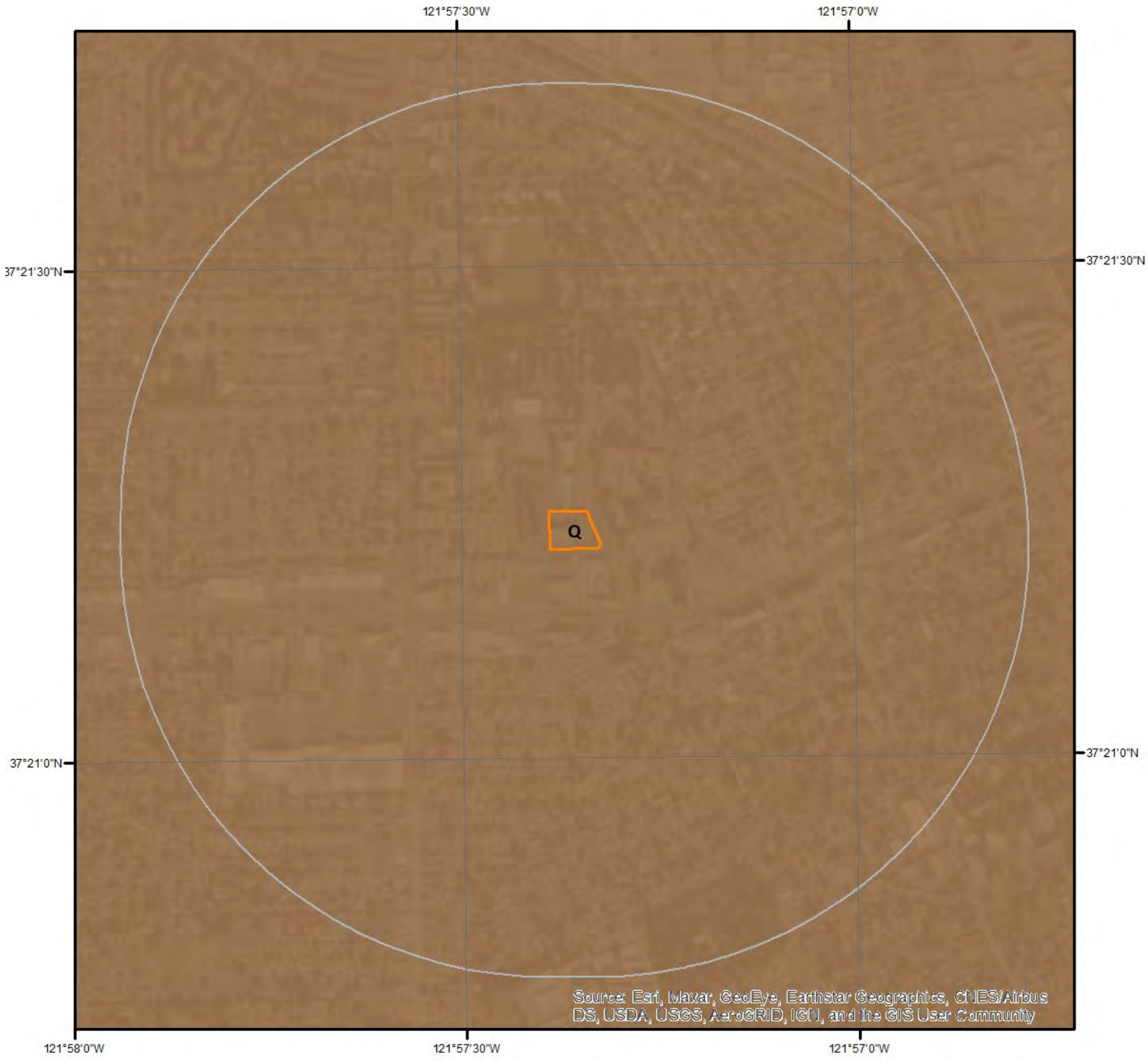
Flood Zone X-01

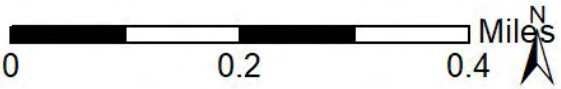
Zone:	X
Zone subtype:	0.2 PCT ANNUAL CHANCE FLOOD HAZARD

Flood Zone X-14

Zone:	X
Zone subtype:	AREA WITH REDUCED FLOOD RISK DUE TO LEVEE

Geologic Information





Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

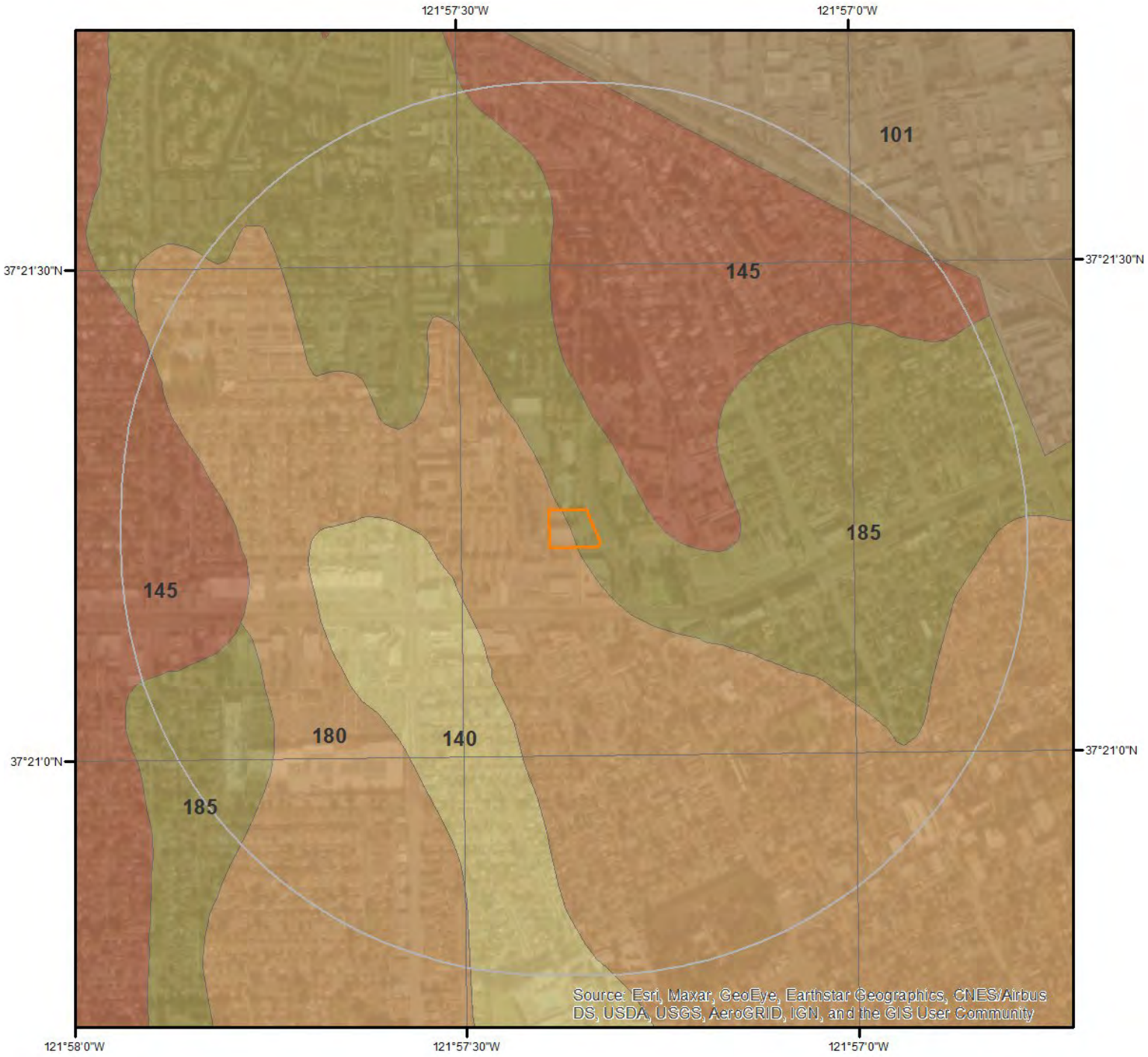
Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

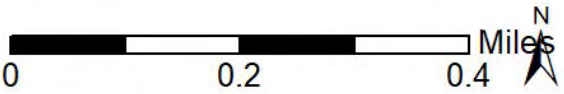
Geologic Unit Q

Unit Name:	Quaternary alluvium and marine deposits
Unit Age:	Pliocene to Holocene
Primary Rock Type:	alluvium
Secondary Rock Type:	terrace
Unit Description:	Alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly nonmarine, but includes marine deposits near the coast.

Soil Information



SSURGO Soils



This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit 101 (52.27%)

Map Unit Name:	Urban land, 0 to 2 percent slopes, basins
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	
Hydrologic Group - Dominant:	

Major components are printed below

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 101 - Urban land, 0 to 2 percent slopes, basins

Component: Urban land (98%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Xerorthents (2%)
Generated brief soil descriptions are created for major components. The Xerorthents soil is a minor component.

Map Unit 140 (13.58%)

Map Unit Name:	Urban land-Flaskan complex, 0 to 2 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	
Hydrologic Group - Dominant:	

Major components are printed below

Flaskan(20%)

horizon Ap(0cm to 6cm)	Sandy loam
horizon ABt(6cm to 17cm)	Sandy clay loam
horizon Bt1(17cm to 43cm)	Gravelly sandy clay loam
horizon Bt2(43cm to 80cm)	Gravelly sandy clay loam
horizon C(80cm to 150cm)	Very gravelly sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 140 - Urban land-Flaskan complex, 0 to 2 percent slopes

Component: Urban land (70%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Flaskan (20%)
The Flaskan component makes up 20 percent of the map unit. Slopes are 0 to 2 percent. This component is on alluvial fans, alluvial plains. The parent material consists of alluvium derived from metamorphic and sedimentary rock and/or alluvium derived from metavolcanics. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3s. Irrigated land

capability classification is 2s. This soil does not meet hydric criteria.

Component: Pachic Haploxerolls (5%)
Generated brief soil descriptions are created for major components. The Pachic Haploxerolls soil is a minor component.

Component: Landelspark (2%)
Generated brief soil descriptions are created for major components. The Landelspark soil is a minor component.

Component: Botella (2%)
Generated brief soil descriptions are created for major components. The Botella soil is a minor component.

Component: Stevenscreek (1%)
Generated brief soil descriptions are created for major components. The Stevenscreek soil is a minor component.

Map Unit 145 (9.63%)

Map Unit Name:	Urbanland-Hangerone complex, 0 to 2 percent slopes, drained
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	
Hydrologic Group - Dominant:	

Major components are printed below

Hangerone(25%)

horizon A1(0cm to 24cm)	Clay
horizon A2(24cm to 42cm)	Clay
horizon Bw(42cm to 68cm)	Clay
horizon Bk(68cm to 88cm)	Clay
horizon Ck(88cm to 115cm)	Clay loam
horizon C(115cm to 183cm)	Gravelly loam
horizon 2Ab(183cm to 225cm)	Clay

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 145 - Urbanland-Hangerone complex, 0 to 2 percent slopes, drained

Component: Urban land (70%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Hangerone (25%)
The Hangerone, drained component makes up 25 percent of the map unit. Slopes are 0 to 2 percent. This component is on urban land, basin floors, basins. The parent material consists of alluvium derived from metamorphic and sedimentary rock and/or alluvium derived from metavolcanics. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3s. Irrigated land capability classification is 2s. This soil meets hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 15 percent. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 1 within 30 inches of the soil surface.

Component: Clear Lake (2%)
Generated brief soil descriptions are created for major soil components. The Clear Lake soil is a minor component.

Component: Bayshore (2%)
Generated brief soil descriptions are created for major soil components. The Bayshore soil is a minor component.

Component: Embarcadero (1%)
Generated brief soil descriptions are created for major soil components. The Embarcadero soil is a minor component.

Soil Information

Map Unit 180 (16.87%)

Map Unit Name:	Urbanland-Newpark complex, 0 to 2 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	
Hydrologic Group - Dominant:	

Major components are printed below

Newpark(20%)

horizon Ap(0cm to 20cm)	Silty clay loam
horizon A1(20cm to 45cm)	Silty clay loam
horizon A2(45cm to 68cm)	Silty clay loam
horizon Ck1(68cm to 91cm)	Silty clay loam
horizon Ck2(91cm to 132cm)	Silty clay loam
horizon C1(132cm to 160cm)	Fine sandy loam
horizon C2(160cm to 200cm)	Fine sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 180 - Urbanland-Newpark complex, 0 to 2 percent slopes

Component: Urban land (70%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Newpark (20%)
The Newpark component makes up 20 percent of the map unit. Slopes are 0 to 2 percent. This component is on alluvial fans, alluvial plains. The parent material consists of alluvium derived from metamorphic and sedimentary rock and/or alluvium derived from metavolcanics. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3s. Irrigated land capability classification is 1 This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 5 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Still (5%)
Generated brief soil descriptions are created for major components. The Still soil is a minor component.

Component: Elpaloalto (5%)
Generated brief soil descriptions are created for major components. The Elpaloalto soil is a minor component.

Map Unit 185 (7.66%)

Map Unit Name:	Urban Land - Bayshore complex, 0 to 2 percent slopes, drained
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	
Hydrologic Group - Dominant:	

Major components are printed below

Bayshore(20%)

horizon A1(0cm to 7cm)	Loam
horizon A2(7cm to 30cm)	Loam
horizon ABt(30cm to 66cm)	Loam
horizon ABtk(66cm to 96cm)	Sandy clay loam
horizon Ck(96cm to 129cm)	Sandy clay loam
horizon C(129cm to 154cm)	Gravelly sandy loam

Soil Information

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 185 - Urban Land - Bayshore complex, 0 to 2 percent slopes, drained

Component: Urban land (70%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Bayshore (20%)
The Bayshore component makes up 20 percent of the map unit. Slopes are 0 to 2 percent. This component is on urban land, basin floors, basins. The parent material consists of alluvium derived from metamorphic and sedimentary rock and/or alluvium derived from metavolcanics. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3s. Irrigated land capability classification is 1 This soil meets hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 15 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Hangerone (10%)
Generated brief soil descriptions are created for major components. The Hangerone soil is a minor component.

Wells and Additional Sources



Wells & Additional Sources

N

0 0.04 0.08 0.16 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
4	CA4310012	635.31	NNE

Safe Drinking Water Information System (SDWIS)

Map Key	PWS ID	Distance (ft)	Direction
4	CA4310012	635.31	NNE

USGS National Water Information System

Map Key	Monitoring Loc Identifier	Distance (ft)	Direction
7	USGS-372121121571001	793.83	NE

State Sources

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Periodic Groundwater Level Measurement Locations

Map Key	ID	Distance (ft)	Direction
	No records found		

Well Completion Reports

Map Key	WCR No	Distance (ft)	Direction
1	WCR2016-014094	145.04	E
2	WCR2002-008280	210.75	WNW
2	WCR2002-008281	210.75	WNW
3	WCR2007-002501	529.29	SSW
5	WCR2007-013404	713.74	SSW
6	WCR2015-000204	765.66	SE
8	WCR2016-010057	919.03	SW
8	WCR2019-001135	919.03	SW
8	WCR2016-017289	919.03	SW
9	WCR1993-004561	949.91	WSW
9	WCR0068676	949.91	WSW
9	WCR0070101	949.91	WSW
9	WCR0048266	949.91	WSW
9	WCR1991-011377	949.91	WSW
9	WCR2003-006161	949.91	WSW
9	WCR1993-004559	949.91	WSW
9	WCR0312553	949.91	WSW

9	WCR1995-002353	949.91	WSW
9	WCR1989-010816	949.91	WSW
9	WCR2015-000196	949.91	WSW
9	WCR2003-007486	949.91	WSW
9	WCR2002-008233	949.91	WSW
9	WCR2003-007490	949.91	WSW
9	WCR2000-005023	949.91	WSW
9	WCR1989-010734	949.91	WSW
9	WCR1992-007148	949.91	WSW
9	WCR1994-004490	949.91	WSW
9	WCR2002-008235	949.91	WSW
9	WCR1989-010818	949.91	WSW
9	WCR1993-004557	949.91	WSW
9	WCR1997-002974	949.91	WSW
9	WCR2003-007375	949.91	WSW
9	WCR2003-006166	949.91	WSW
9	WCR1992-007140	949.91	WSW
9	WCR1992-007143	949.91	WSW
9	WCR1992-007141	949.91	WSW
9	WCR2005-001726	949.91	WSW
9	WCR2007-002502	949.91	WSW
9	WCR0113586	949.91	WSW
9	WCR0237298	949.91	WSW
9	WCR1991-007318	949.91	WSW
9	WCR0203669	949.91	WSW
9	WCR1992-007144	949.91	WSW
9	WCR0101747	949.91	WSW
9	WCR2010-002908	949.91	WSW
9	WCR2004-006637	949.91	WSW
9	WCR2005-001727	949.91	WSW
9	WCR2000-007105	949.91	WSW
9	WCR2005-007068	949.91	WSW
9	WCR1991-008542	949.91	WSW
9	WCR1985-002195	949.91	WSW
9	WCR1990-008244	949.91	WSW
9	WCR2005-007541	949.91	WSW
9	WCR2005-007538	949.91	WSW
9	WCR1995-004405	949.91	WSW
9	WCR1986-003699	949.91	WSW
9	WCR2005-001724	949.91	WSW
9	WCR2005-001721	949.91	WSW
9	WCR1985-002199	949.91	WSW
9	WCR1991-007907	949.91	WSW
9	WCR1990-008481	949.91	WSW
9	WCR1989-010535	949.91	WSW
9	WCR1986-004824	949.91	WSW
9	WCR0109387	949.91	WSW
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9	WCR1990-008350	949.91	WSW
9	WCR1998-004905	949.91	WSW
9	WCR1991-008367	949.91	WSW
9	WCR1992-005239	949.91	WSW

Wells and Additional Sources Summary

9	WCR0198602	949.91	WSW
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9	WCR1990-010247	949.91	WSW
9	WCR2002-008234	949.91	WSW
9	WCR1991-008540	949.91	WSW
9	WCR1995-005359	949.91	WSW
9	WCR1990-010246	949.91	WSW

Wells and Additional Sources Detail Report

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	NNE	0.12	635.31	66.34	PWSV

Address Line 2:
State Code: CA
Zip Code: 95050
City Name: SANTA CLARA
Address Line 1: 1500 Warbuton Avenue
PWS ID: CA4310012
PWS Type Code: CWS
PWS Type Description: Community Water System
Primary Source Code: SWP
Primary Source Desc: Purchased Surface Water
PWS Activity Code: A
PWS Activity Description: Active
PWS Deactivation Date:
Phone Number: 408-615-2014

--Details--
Population Served Count: 117200
City Served: SANTA CLARA
County Served: Santa Clara
State Served: CA
Zip Code Served:

Safe Drinking Water Information System (SDWIS)

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	NNE	0.12	635.31	66.34	SDWIS

PWS ID: CA4310012
PWS Type: Community water system
No of Facilities: 49
No of Violations: 3
No of Site Visits: 18
Cities Served: SANTA CLARA
Counties Served: Santa Clara
Population Served Count: 117,200
Primacy Agency: California
EPA Region: Region 9

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	NE	0.15	793.83	66.19	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	California Coastal Basin aquifers
Well Depth:	810	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	940	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	SANTA CLARA
Construction Date:		Latitude:	37.3557246
Source Map Scale:	24000	Longitude:	-121.9537522
Monitoring Loc Name:	007S001W03H002M		
Monitoring Loc Identifier:	USGS-372121121571001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18050003		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	67		
Vertical Measure Unit:	feet		
Vertical Accuracy:	2.5		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	E	0.03	145.04	70.92	WATER WELLS

WCR No:	WCR2016-014094	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.353889
Decimal Lat(OSWCR):	37.353889	Decimal Longitude:	-121.955
Decim Long(OSWCR):	-121.955		
Location(OSWCR):	CITY OF SANTA CLARA RIGHT-OF-WAY		
City(OSWCR):	SANTA CLARA		
Location:	CITY OF SANTA CLARA RIGHT-OF-WAY		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	WNW	0.04	210.75	75.56	WATER WELLS

WCR No:	WCR2002-008280	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3541667
Decimal Lat(OSWCR):	37.3541667	Decimal Longitude:	-121.9572222
Decim Long(OSWCR):	-121.9572222		
Location(OSWCR):	1656 SCOTT BLVD		
City(OSWCR):	SANTA CLARA		
Location:	1656 SCOTT BLVD		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	WNW	0.04	210.75	75.56	WATER WELLS

WCR No:	WCR2002-008281	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3541667
Decimal Lat(OSWCR):	37.3541667	Decimal Longitude:	-121.9572222
Decim Long(OSWCR):	-121.9572222		
Location(OSWCR):	1655 SCOTT BLVD		
City(OSWCR):	SANTA CLAR		
Location:	1655 SCOTT BLVD		
City:	SANTA CLAR		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SSW	0.10	529.29	78.10	WATER WELLS

WCR No:	WCR2007-002501	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	
Decimal Lat(OSWCR):		Decimal Longitude:	
Decim Long(OSWCR):			
Location(OSWCR):	1810 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1810 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SSW	0.14	713.74	79.58	WATER WELLS

WCR No:	WCR2007-013404	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.351667
Decimal Lat(OSWCR):	37.351667	Decimal Longitude:	-121.957222
Decim Long(OSWCR):	-121.957222		
Location(OSWCR):	1810 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1810 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	SE	0.15	765.66	76.53	WATER WELLS

WCR No:	WCR2015-000204	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	
Decimal Lat(OSWCR):		Decimal Longitude:	
Decim Long(OSWCR):			
Location(OSWCR):	1499 LINCOLN ST		
City(OSWCR):	SANTA CLARA		
Location:	1499 LINCOLN ST		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SW	0.17	919.03	79.02	WATER WELLS

WCR No:	WCR2016-010057	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.352
Decimal Lat(OSWCR):	37.352	Decimal Longitude:	-121.959
Decim Long(OSWCR):	-121.959		
Location(OSWCR):	1990 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1990 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SW	0.17	919.03	79.02	WATER WELLS

WCR No:	WCR2019-001135	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.352
Decimal Lat(OSWCR):	37.352	Decimal Longitude:	-121.959
Decim Long(OSWCR):	-121.959		
Location(OSWCR):	1990 El Camino Real		
City(OSWCR):	Santa Clara		

Wells and Additional Sources Detail Report

Location: 1990 El Camino Real
City: Santa Clara
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SW	0.17	919.03	79.02	WATER WELLS

WCR No: WCR2016-017289
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.352
Decimal Lat(OSWCR): 37.352
Decimal Longitude: -121.959
Decim Long(OSWCR): -121.959
Location(OSWCR): 1990 EL CAMINO REAL
City(OSWCR): SANTA CLARA
Location: 1990 EL CAMINO REAL
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1993-004561
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0068676
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): None
Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0070101	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0048266	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1265 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1265 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1991-011377	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-006161	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-004559	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0312553	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1995-002353	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1989-010816
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2015-000196
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1499 LINCOLN ST
City(OSWCR): SANTA CLARA
Location: 1499 LINCOLN ST
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2003-007486
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1995 WARBURTON AVE
City(OSWCR): SANTA CLARA
Location: 1995 WARBURTON AVE
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2002-008233	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-007490	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1995 WARBURTON AVE		
City(OSWCR):	SANTA CLARA		
Location:	1995 WARBURTON AVE		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2000-005023	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1989-010734	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-007148	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1994-004490	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2002-008235	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1989-010818
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1993-004557
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1997-002974
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-007375	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-006166	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-007140	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-007143	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-007141	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2005-001726	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1795 SCOTT BLVD		
City(OSWCR):	SANTA CLARA		
Location:	1795 SCOTT BLVD		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2007-002502	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1810 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		

Wells and Additional Sources Detail Report

Location: 1810 EL CAMINO REAL
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0113586
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): None
Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0237298
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): None
Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1991-007318
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0203669	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-007144	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0101747	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2010-002908	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1810 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1810 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2004-006637	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1846 LOS PADRES		
City(OSWCR):	SANTA CLARA		
Location:	1846 LOS PADRES		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2005-001727	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1795 SCOTT BLVD		
City(OSWCR):	SANTA CLARA		
Location:	1795 SCOTT BLVD		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2000-007105	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2005-007068
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1995 WARBURTON AVE
City(OSWCR): SANTA CLARA
Location: 1995 WARBURTON AVE
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1991-008542
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1985-002195
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1990-008244	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2005-007541	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	2320 EL CAMINO REAL		
City(OSWCR):	PALO ALTO		
Location:	2320 EL CAMINO REAL		
City:	PALO ALTO		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2005-007538	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	2320 EL CAMINO REAL		
City(OSWCR):	PALO ALTO		
Location:	2320 EL CAMINO REAL		
City:	PALO ALTO		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1995-004405	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1986-003699	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2005-001724	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1795 SCOTT BLVD		
City(OSWCR):	SANTA CLARA		
Location:	1795 SCOTT BLVD		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2005-001721	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1795 SCOTT BLVD		
City(OSWCR):	SANTA CLARA		

Wells and Additional Sources Detail Report

Location: 1795 SCOTT BLVD
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1985-002199
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1991-007907
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1990-008481
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SAN JOSE
Location: None
City: SAN JOSE
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1989-010535	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1986-004824	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0109387	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1265 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1265 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1997-002975	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2002-008760	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1995 WORBURTON		
City(OSWCR):	SANTA CLARA		
Location:	1995 WORBURTON		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1988-008253	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SAN JOSE		
Location:	None		
City:	SAN JOSE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1776-001273	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2003-007485
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1995 WARBURTON AVE
City(OSWCR): SANTA CLARA
Location: 1995 WARBURTON AVE
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2003-007489
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1995 WARBURTON AVE
City(OSWCR): SANTA CLARA
Location: 1995 WARBURTON AVE
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1997-007024
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-005241	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1994-004488	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2001-005893	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2005-001723	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1795 SCOTT BLVD		
City(OSWCR):	SANTA CLARA		
Location:	1795 SCOTT BLVD		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0192804	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1265 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1265 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1991-007500	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-004560	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0070098
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): CIVIC CENTER WARBURTON AVE
City(OSWCR): None
Location: CIVIC CENTER WARBURTON AVE
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0039091
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): None
Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0257229
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): None
Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1985-002887	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1989-010537	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2010-003000	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1810 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1810 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1988-006055	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1995-005360	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-003348	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-007487	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1995 WARBURTON AVE		
City(OSWCR):	SANTA CLARA		

Wells and Additional Sources Detail Report

Location: 1995 WARBURTON AVE
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2003-007370
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1995-006660
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1994-004489
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1989-010735	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0268365	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1991-008543	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1996-002329	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1995-001293	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1986-001464	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1985-002886	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1993-007015
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0203145
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): None
Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0284121
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): None
Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0015224	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0268887	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1995-004404	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-005642	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2015-000201	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1499 LINCOLN ST		
City(OSWCR):	SANTA CLARA		
Location:	1499 LINCOLN ST		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-003347	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-006167	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2010-002997
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1810 EL CAMINO REAL
City(OSWCR): SANTA CLARA
Location: 1810 EL CAMINO REAL
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2007-002499
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1810 EL CAMINO REAL
City(OSWCR): SANTA CLARA
Location: 1810 EL CAMINO REAL
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1997-002973
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2002-000737	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1990-010164	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-006165	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2005-007539	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	2320 EL CAMINO REAL		
City(OSWCR):	PALO ALTO		
Location:	2320 EL CAMINO REAL		
City:	PALO ALTO		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2010-002999	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1810 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1810 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-005233	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0117886	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1265 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		

Location: 1265 EL CAMINO REAL
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2010-002995
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1810 EL CAMINO REAL
City(OSWCR): SANTA CLARA
Location: 1810 EL CAMINO REAL
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2015-000199
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1499 LINCOLN ST
City(OSWCR): SANTA CLARA
Location: 1499 LINCOLN ST
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1993-004562
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1991-005926	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-007139	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1991-001379	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2005-007069	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1995 WARBURTON AVE		
City(OSWCR):	SANTA CLARA		
Location:	1995 WARBURTON AVE		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2015-000200	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1499 LINCOLN ST		
City(OSWCR):	SANTA CLARA		
Location:	1499 LINCOLN ST		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1995-006664	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-007378	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2007-002500
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1810 EL CAMINO REAL
City(OSWCR): SANTA CLARA
Location: 1810 EL CAMINO REAL
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1989-010736
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1992-007238
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-004554	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-005236	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1991-007659	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1995-001296	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1985-002200	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1989-009430	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0141311	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		

Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0203146
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1995 WORBURTON AVE
City(OSWCR): SANTA CLARA
Location: 1995 WORBURTON AVE
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2015-000198
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1499 LINCOLN ST
City(OSWCR): SANTA CLARA
Location: 1499 LINCOLN ST
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2003-007371
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1988-002686	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-005237	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1994-002291	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2005-007537	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	2320 EL CAMINO REAL		
City(OSWCR):	PALO ALTO		
Location:	2320 EL CAMINO REAL		
City:	PALO ALTO		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1996-002330	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1998-004354	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1989-009431	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0018289
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): None
Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0103605
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): None
Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0070100
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): None
Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0120333	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1AA5 WARBURTON AVE		
City(OSWCR):	SANTA CLARA		
Location:	1AA5 WARBURTON AVE		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1991-001476	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1991-001376	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1991-005925	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-007491	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1995 ARBURTON AVE		
City(OSWCR):	SANTA CLARA		
Location:	1995 ARBURTON AVE		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1986-001589	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0156190	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	HARRISON AVENUE WEST OF SCOTT BLVD		
City(OSWCR):	SANTA CLARA		

Wells and Additional Sources Detail Report

Location: HARRISON AVENUE WEST OF SCOTT BLVD
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0188172
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1265 EL CAMINO REAL
City(OSWCR): SANTA CLARA
Location: 1265 EL CAMINO REAL
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1985-002196
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1989-010738
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-005235	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1991-005230	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SAN JOSE		
Location:	None		
City:	SAN JOSE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-007373	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-004555	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-004552	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-007236	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-005238	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2000-007103
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1986-001463
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2003-007488
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1995 WARBURTON AVENUE
City(OSWCR): SANTA CLARA
Location: 1995 WARBURTON AVENUE
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2015-000193	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1499 LINCOLN ST		
City(OSWCR):	SANTA CLARA		
Location:	1499 LINCOLN ST		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1997-003034	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-004558	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-007492	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1995 WARBURTON AVE		
City(OSWCR):	SANTA CLARA		
Location:	1995 WARBURTON AVE		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1996-006165	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-005240	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-007484	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2015-000180
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1499 LINCOLN ST
City(OSWCR): SANTA CLARA
Location: 1499 LINCOLN ST
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1996-002328
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1989-010737
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1997-003565	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-004563	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2011-001039	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1499 LINCOLN ST		
City(OSWCR):	SANTA CLARA		
Location:	1499 LINCOLN ST		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1986-001465	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1989-009549	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0124424	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-007146	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2010-002998
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1810 EL CAMINO REAL
City(OSWCR): SANTA CLARA
Location: 1810 EL CAMINO REAL
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1990-010248
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2003-007372
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2000-007104	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1995-004403	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0187058	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0171223	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-005641	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0192002	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-006163	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2003-006162
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2005-008240
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 2320 EL CAMINO REAL
City(OSWCR): PALO ALTO
Location: 2320 EL CAMINO REAL
City: PALO ALTO
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1991-008541
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-007374	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1995-001295	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1988-006057	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1997-003563	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0117887	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1265 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1265 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-005640	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-007861	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1995 WARBURTON AVE		
City(OSWCR):	SANTA CLARA		

Wells and Additional Sources Detail Report

Location: 1995 WARBURTON AVE
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0111870
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1995 EL CAMINO
City(OSWCR): SANTA CLARA
Location: 1995 EL CAMINO
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0218370
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1265 EL CAMINO REAL
City(OSWCR): SANTA CLARA
Location: 1265 EL CAMINO REAL
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1988-006058
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2005-001722	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1795 SCOTT BLVD		
City(OSWCR):	SANTA CLARA		
Location:	1795 SCOTT BLVD		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-005242	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2010-002996	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1810 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1810 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1989-009550	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-007147	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1995-004484	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1991-011378	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2003-007376
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1997-003562
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1988-004946
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1995-002355	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-007142	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1990-009752	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SAN JOSE		
Location:	None		
City:	SAN JOSE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0229999	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1265 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1265 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-006164	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1995-002354	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1991-005231	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SAN JOSE		

Wells and Additional Sources Detail Report

Location: None
City: SAN JOSE
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2005-007540
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 2320 EL CAMINO REAL
City(OSWCR): PALO ALTO
Location: 2320 EL CAMINO REAL
City: PALO ALTO
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2015-000206
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1499 LINCOLN ST
City(OSWCR): SANTA CLARA
Location: 1499 LINCOLN ST
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1989-010536
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2000-005024	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2002-008232	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1990-009751	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SAN JOSE		
Location:	None		
City:	SAN JOSE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-007145	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1988-006056	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1989-010733	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-007377	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2010-002910
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1810 EL CAMINO REAL
City(OSWCR): SANTA CLARA
Location: 1810 EL CAMINO REAL
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2003-007379
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0235607
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): None
Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2004-006355	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1196 RED ST & JACKSON		
City(OSWCR):	SANTA CLARA		
Location:	1196 RED ST & JACKSON		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2005-001725	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1795 SCOTT BLVD		
City(OSWCR):	SANTA CLARA		
Location:	1795 SCOTT BLVD		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-007368	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-006200	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-007381	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2002-008231	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0128202	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		

Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0111872
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): None
Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1989-010817
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0014903
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): None
Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0198601	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1990-008480	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SAN JOSE		
Location:	None		
City:	SAN JOSE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1988-004056	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SAN JOSE		
Location:	None		
City:	SAN JOSE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2015-000197	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1499 LINCOLN ST		
City(OSWCR):	SANTA CLARA		
Location:	1499 LINCOLN ST		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2005-007536	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	2320 EL CAMINO REAL		
City(OSWCR):	PALO ALTO		
Location:	2320 EL CAMINO REAL		
City:	PALO ALTO		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-007237	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-007177	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1989-009433
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2003-005874
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1991-007660
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1996-002496	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2015-000202	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1499 LINCOLN ST		
City(OSWCR):	SANTA CLARA		
Location:	1499 LINCOLN ST		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2004-002138	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	20025 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	20025 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1995-001294	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1990-010163	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-007369	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1988-007902	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1989-010910
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1999-002325
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2015-000203
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1499 LINCOLN ST
City(OSWCR): SANTA CLARA
Location: 1499 LINCOLN ST
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1990-009753	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-004553	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0230000	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1265 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1265 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2010-003001	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1810 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1810 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1987-001827	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-006168	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1990-008350	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1998-004905
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1991-008367
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1992-005239
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0198602	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0010380	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	LOS PADRES BLVD NO CABRILLO		
City(OSWCR):	SAN JOSE		
Location:	LOS PADRES BLVD NO CABRILLO		
City:	SAN JOSE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1989-009548	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1986-001588	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1993-007178	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0136981	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2002-008230	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1993-005639
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1989-009432
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR0163263
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): None
Location: None
City: None
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0235609	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	None		
Location:	None		
City:	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1999-002324	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1992-005234	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1998-004906	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2003-005875	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2010-002909	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1810 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1810 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1991-001378	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1997-002976
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR2010-002911
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): 1810 EL CAMINO REAL
City(OSWCR): SANTA CLARA
Location: 1810 EL CAMINO REAL
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No: WCR1993-004556
County: Santa Clara
County(OSWCR): Santa Clara
Decimal Latitude: 37.3523
Decimal Lat(OSWCR): 37.3523
Decimal Longitude: -121.95937
Decim Long(OSWCR): -121.95937
Location(OSWCR): None
City(OSWCR): SANTA CLARA
Location: None
City: SANTA CLARA
Original Source: California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1990-010162	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2015-000205	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1499 LINCOLN ST		
City(OSWCR):	SANTA CLARA		
Location:	1499 LINCOLN ST		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR0120335	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	1265 EL CAMINO REAL		
City(OSWCR):	SANTA CLARA		
Location:	1265 EL CAMINO REAL		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1990-010247	County:	Santa Clara

County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR2002-008234	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1991-008540	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1995-005359	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		

Wells and Additional Sources Detail Report

Location:	None
City:	SANTA CLARA
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	WSW	0.18	949.91	78.36	WATER WELLS

WCR No:	WCR1990-010246	County:	Santa Clara
County(OSWCR):	Santa Clara	Decimal Latitude:	37.3523
Decimal Lat(OSWCR):	37.3523	Decimal Longitude:	-121.95937
Decim Long(OSWCR):	-121.95937		
Location(OSWCR):	None		
City(OSWCR):	SANTA CLARA		
Location:	None		
City:	SANTA CLARA		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers), as of Apr 29, 2020; California Department of Water Resources - Well Completion Reports		

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *SANTA CLARA* County: **2**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *SANTA CLARA* County

No Measures/Homes:	77
Geometric Mean:	0.7
Arithmetic Mean:	1.4
Median:	1
Standard Deviation:	1.9
Maximum:	9.2
% >4 pCi/L:	9
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of California conducted during 1989-90. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data — **US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

State Sources

Oil and Gas Wells — **OGW**

A list of Oil and Gas well locations. This is provided by California's Department of Conservation Division of

Appendix

Oil, Gas and Geothermal Resources.

Periodic Groundwater Level Measurement Locations **MONITOR WELLS**

Locations of groundwater level monitoring wells in the Department of Water Resources (DWR)'s Periodic Groundwater Levels dataset. The DWR Periodic Groundwater Levels dataset contains seasonal and long-term groundwater level measurements collected by the Department of Water Resources and cooperating agencies.

Well Completion Reports **WATER WELLS**

List of wells from the Well Completion Reports data made available by the California Department of Water Resources' (DWR) Online System for Well Completion Reports (OSWCR). Please note that the majority of well completion reports have been spatially registered to the center of the 1x1 mile Public Land Survey System section that the well is located in.

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Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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HISTORICAL RESEARCH INFORMATION

ERIS

HISTORICAL AERIALS

Project Property: Office Building
1601 Civic Center Drive
Santa Clara CA 95050

Project No: 575-1902

Requested By: Intertek PSI

Order No: 21082700544

Date Completed: August 30,2021

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
1939	Agriculture and Soil Conservation Service	1" = 500'	
1948	US Geological Survey	1" = 500'	
1956	Agriculture and Soil Conservation Service	1" = 500'	
1960	US Geological Survey	1" = 500'	
1968	US Geological Survey	1" = 500'	
1970	US Geological Survey	1" = 500'	
1974	US Geological Survey	1" = 500'	
1980	US Geological Survey	1" = 500'	
1982	National High Altitude Photography	1" = 500'	Best Copy Available
1987	National Aerial Photography Program	1" = 500'	Best Copy Available
1993	US Geological Survey	1" = 500'	
2003	National Agriculture Information Program	1" = 500'	
2004	National Agriculture Information Program	1" = 500'	
2005	National Agriculture Information Program	1" = 500'	
2006	National Agriculture Information Program	1" = 500'	
2009	National Agriculture Information Program	1" = 500'	
2010	National Agriculture Information Program	1" = 500'	
2012	National Agriculture Information Program	1" = 500'	
2014	National Agriculture Information Program	1" = 500'	
2016	National Agriculture Information Program	1" = 500'	
2018	National Agriculture Information Program	1" = 500'	
2020	National Agriculture Information Program	1" = 500'	



Year: 1939
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 1948
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 1956
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 1960
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 1968
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 1970
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 1974
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 1980
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 1982
Source: NHAP
Scale: 1" = 500'
Comment: Best Copy Available

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 1987
Source: NAPP
Scale: 1" = 500'
Comment: Best Copy Available

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 1993
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 2003
Source: NAIP
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 2004
Source: NAIP
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 2005
Source: NAIP
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 2006
Source: NAIP
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS

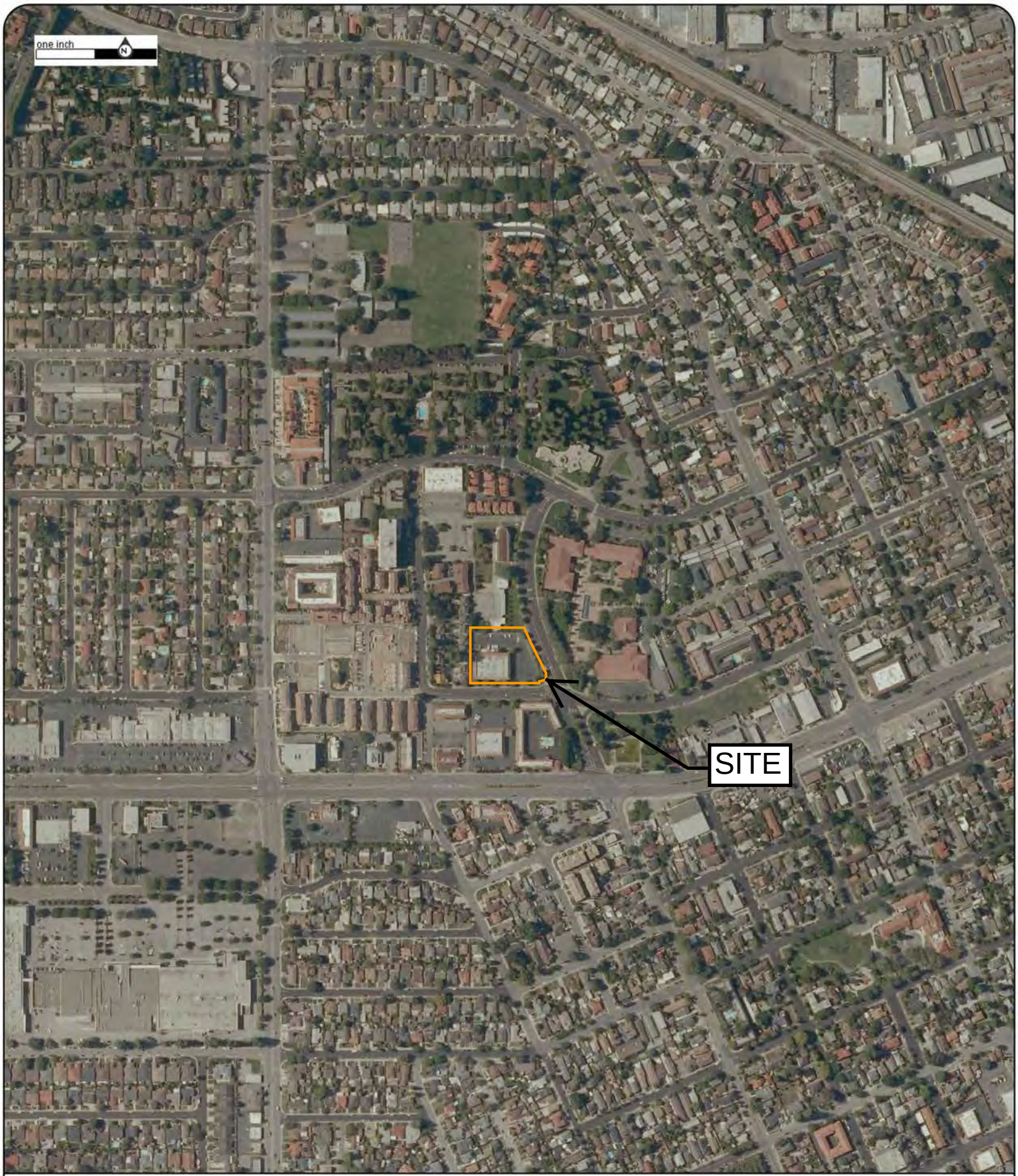


Year: 2009
Source: NAIP
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 2010
Source: NAIP
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS

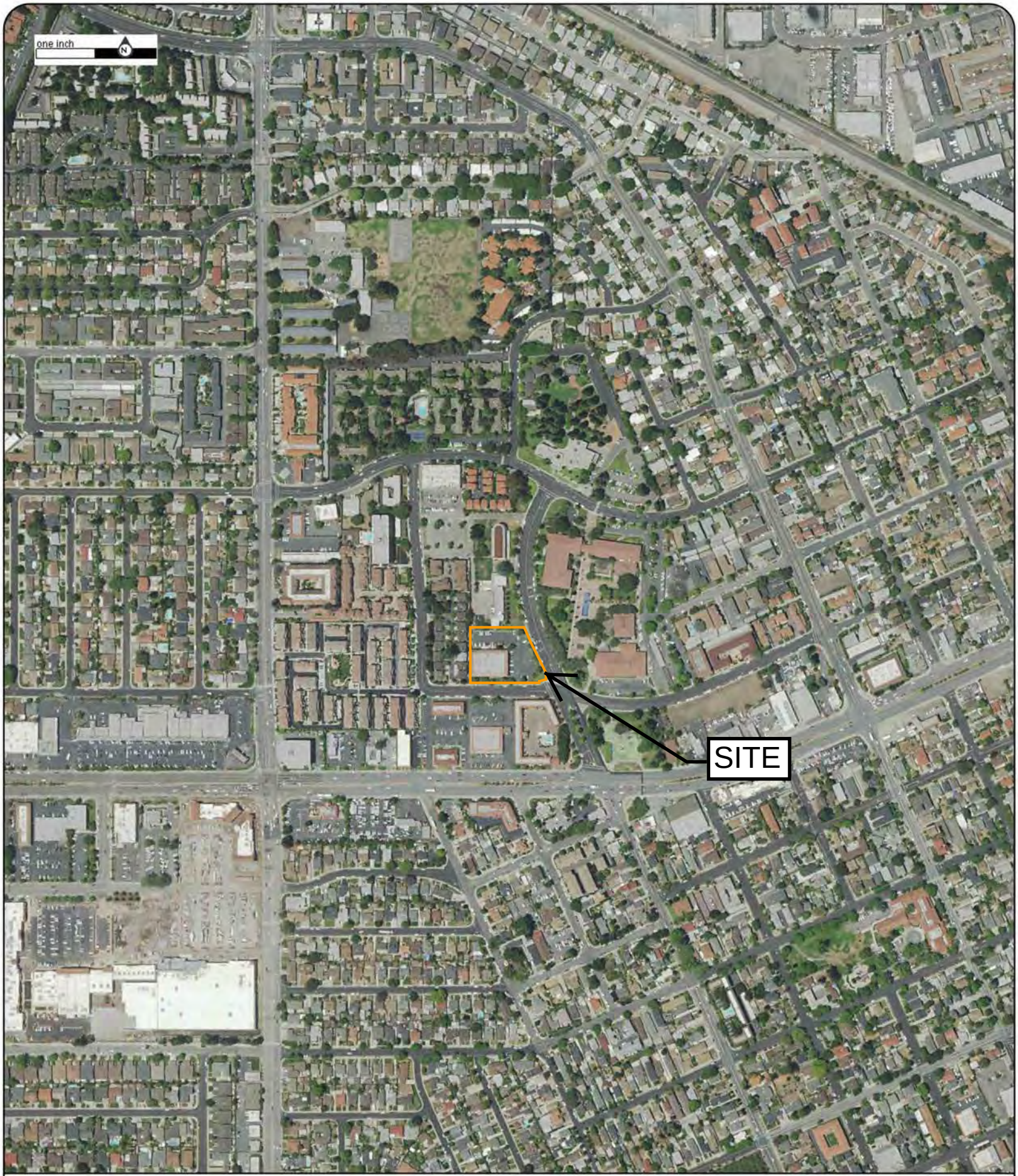


Year: 2012
Source: NAIP
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS

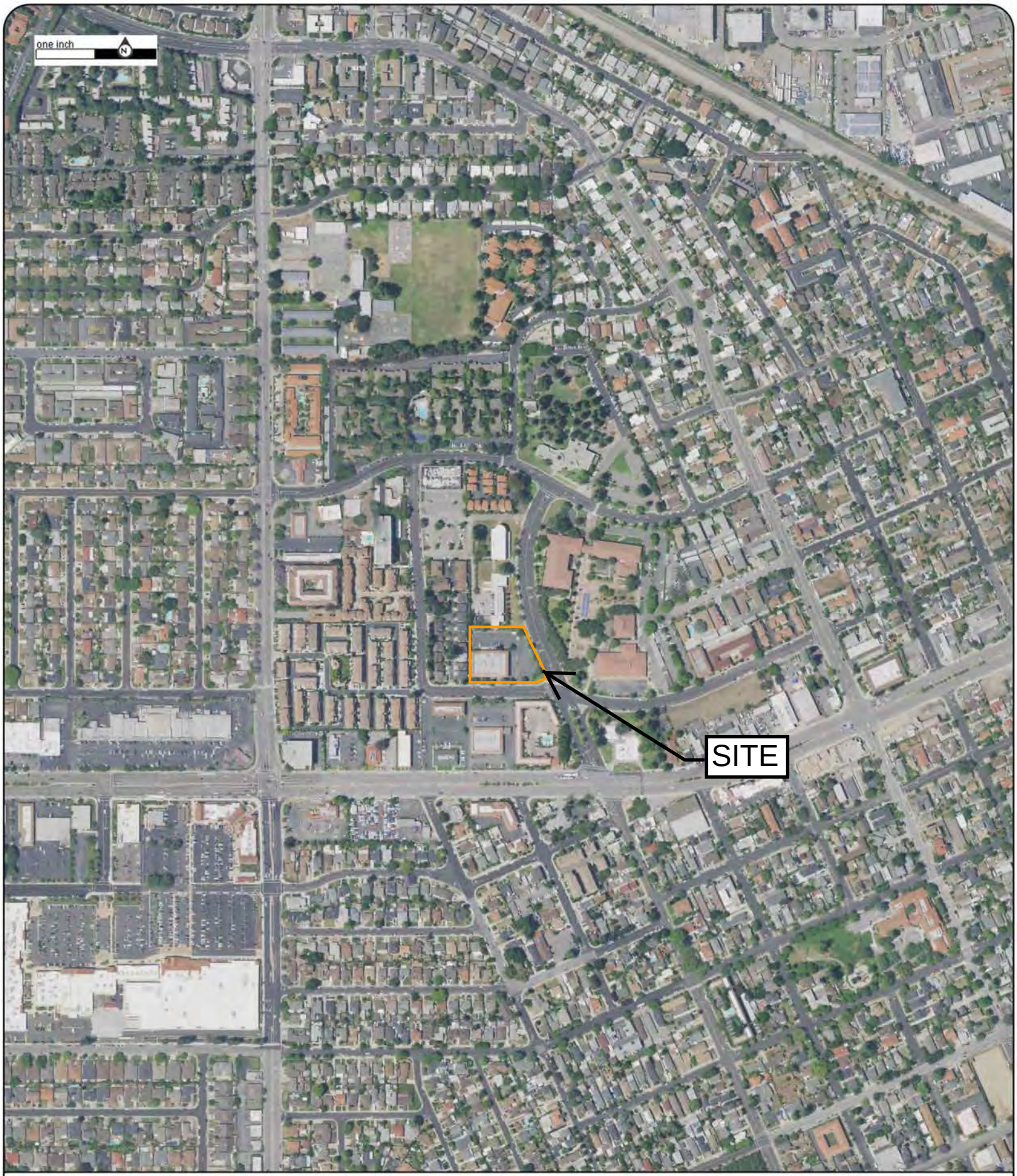


Year: 2014
Source: NAIP
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS

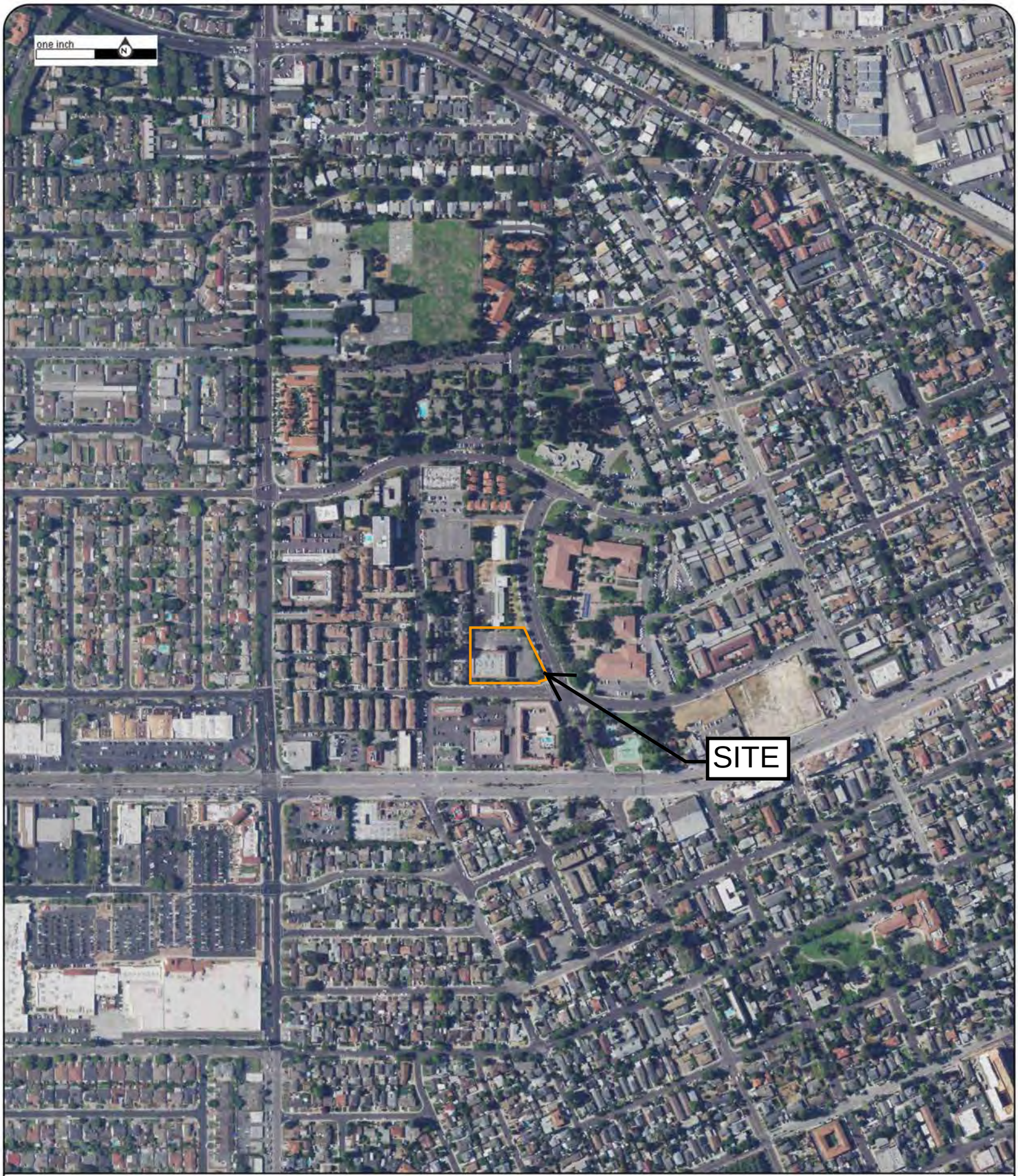


Year: 2016
Source: NAIP
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS

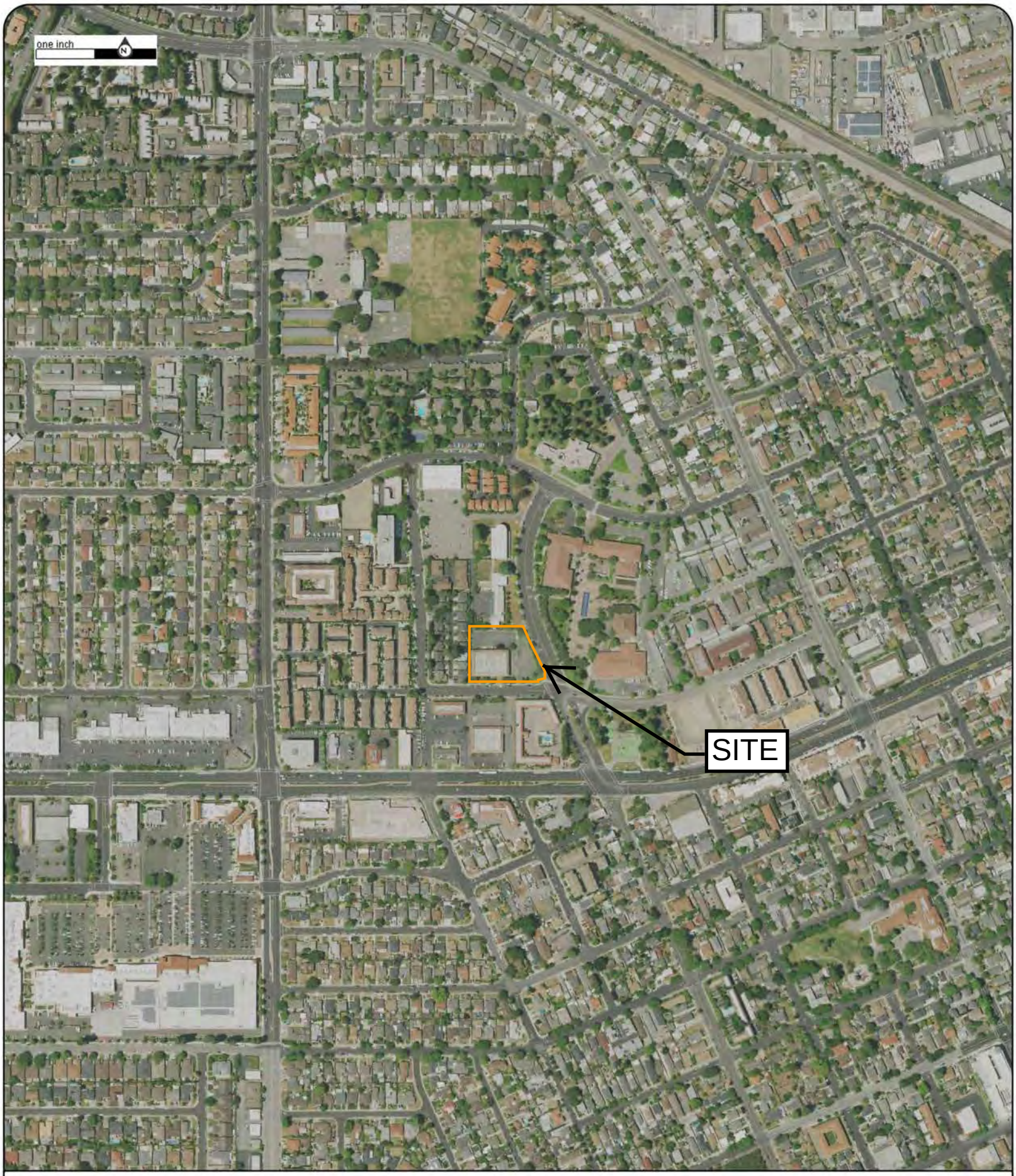


Year: 2018
Source: NAIP
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS



Year: 2020
Source: NAIP
Scale: 1" = 500'
Comment:

Address: 1601 Civic Center Drive, Santa Clara, CA
Approx Center: -121.95601019,37.3538444

Order No: 21082700544

ERIS

FIRE INSURANCE MAPS

Project Property:	Office Building 1601 Civic Center Drive Santa Clara CA 95050
Project No:	575-1902
Requested By:	Intertek PSI
Order No:	21082700544
Date Completed:	August 28, 2021

Please note that no information was found for your site or adjacent properties.

Environmental Risk Information Services
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1.866.517.5204 | info@erisinfo.com | erisinfo.com

CITY DIRECTORY

Project Property:	*Office Building* *1601 Civic Center Drive* *Santa Clara, CA 95050*
Project No:	*575-1902*
Requested By:	*Intertek PSI*
Order No:	*21082700544*
Date Completed:	*September 2, 2021*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

September 2, 2021
RE: CITY DIRECTORY RESEARCH
Office Building
1601 Civic Center Drive Santa Clara, CA

Thank you for contac ng ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse lis ng City Directory search to determine prior occupants of the subject site and adjacent proper es. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Lis ng Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either u lized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as mul ple digi zed directories. These do not claim to be a complete collec on of all reverse lis ng city directories produced.

ERIS has made every effort to provide accurate and complete informa on but shall not be held liable for missing, incomplete or inaccurate informa on. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are addi onal addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
1546-1680 of Civic Center Drive
1655-1745 of El Camino Real

Search Results Summary

Date	Source	Comment
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2009	DIGITAL BUSINESS DIRECTORY	
2006	HAINES	
2001-2002	HAINES	
1995-1996	HAINES	
1990-1991	HAINES	
1987	HAINES	
1981	HAINES	
1976	HAINES	
1971	HAINES	
1966	PACIFIC TELEPHONE	
1961	PACIFIC TELEPHONE	
1957	PACIFIC TELEPHONE	

1601 **BECKY WALLIN**...*Nonclassified Establishments*
1601 **MARKETEX COMPUTER CORP**...*Computer & Equipment Dealers*
1601 **MARKETEX COMPUTER CORP**...*Computer Software*
1601 **MISSION CENTER**...*Nonclassified Establishments*
1601 **ONLINE CALIFORNIA TITLE LOANS**...*Check Cashing Service*
1601 **RETAIL CASHBACK**...*E-commerce*
1601 **ROOTS BAY AREA**...*Nonclassified Establishments*
1601 **SANTA CLARA CABLE**...*Cable & Other Subscription Programming*
1601 **WEBMASTER INC**...*Internet Home Page Dev Consulting*
1601 **WEBMASTER INC**...*Internet Service*
1680 **ALABASTER & ASSOC**...*Accounting & Bookkeeping General Svc*
1680 **ARMESTO JR & CO**...*Tax Return Preparation & Filing*
1680 **CASEMAKER INC**...*Computer Software*
1680 **CASEMAKER INC**...*Data Processing Software*
1680 **LOVE FUND USA**...*Marketing Consultants*
1680 **NURSE BUILDERS**...*Home Builders*
1680 **QUESTIVITY**...*Computer Software*
1680 **QUESTIVITY**...*Computer Services*
1680 **QUESTIVITY**...*Computer & Equipment Dealers*

1655 **RAMADA LIMITED-SANTA CLARA**...*Hotels & Motels*
1655 **RAMADA LIMITED-SANTA CLARA**...*Ecommerce*
1680 **DISH NET WORK BY DISH SAT**...*Television-cable & Catv*
1680 **DISH NETWORK**...*Cable (mfrs)*
1680 **TACO BELL**...*Cafes*
1680 **TACO BELL**...*Restaurants*
1680 **TACO BELL**...*Foods-carry Out*
1700 **HOLIDAY INN**...*Ecommerce*
1700 **HOLIDAY INN**...*Hotels & Motels*
1705 **A AMERICAN DEBT CONSOLIDATION**...*Debt Adjusters*
1705 **BANK OF THE WEST**...*Real Estate Loans*
1705 **BANK OF THE WEST**...*Banks*
1705 **DISH NETWORK**...*Electronic Stores*
1713 **ALLSTATE INSURANCE**...*Insurance*
1713 **ALLSTATE INSURANCE CO-RICHARD**...*Insurance*
1715 **ELEGANT HAIR & NAILS**...*Beauty Salons*
1717 **SHERWIN-WILLIAMS**...*Paint-retail*
1745 **DENNY'S**...*Cafes*
1745 **DENNY'S**...*Foods-carry Out*
1745 **DENNY'S**...*Restaurants*

Report ID: 21082700544 - 9/2/2021
www.erisinfo.com

1601 **CHRONICLE DATA**...*Data Communications Systems-networks*
1601 **ESCOBAR, ANTHONY I**...*Attorneys*
1601 **MARKETEX COMPUTER CORP**...*Computer & Equipment Dealers*
1601 **OWEN PROPERTIES**...*Office Buildings & Parks*
1601 **POWER**...*Electrical Power Systems-maintenance*
1601 **RETAIL CASHBACK**...*E-commerce*
1601 **SANTA CLARA CABLE**...*Cable & Other Subscription Programming*
1601 **VASTEDGE**...*Marketing Programs & Services*
1601 **WEBMASTER INC**...*Internet Service*
1680 **ALABASTER & ASSOC**...*Accounting & Bookkeeping General Svc*
1680 **APPROACH ME INC**...*Nonclassified Establishments*
1680 **ARMESTO JR & CO**...*Tax Return Preparation & Filing*
1680 **CASEMAKER INC**...*Computer Software*
1680 **LOVE FUND USA**...*Marketing Consultants*
1680 **NURSE BUILDERS**...*Home Builders*
1680 **QUESTIVITY**...*Computer Services*
1680 **QUESTIVITY**...*Computer Software*
1680 **UP JOHN HEALTH SVC**...*Health Services*

1655 **RAMADA LIMITED-SANTA CLARA**...*Hotels & Motels*
1680 **DISH NET WORK BY DISH SAT**...*Television-cable & Catv*
1680 **DISH NET WORK BY DISH SAT**...*Cable & Other Subscription Programming*
1680 **TACO BELL**...*Foods-carry Out*
1680 **TACO BELL**...*Restaurants*
1700 **HOLIDAY INN**...*Hotels & Motels*
1705 **A AMERICAN DEBT CONSOLIDATION**...*Debt Adjusters*
1705 **BANK OF THE WEST**...*Banks*
1705 **DISH NETWORK**...*Electronic Stores*
1705 **ELAVON**...*Credit Card & Other Credit Plans*
1705 **SECURITY SYSTEM INSTALLATION**...*Security Control Equip & Systems-whls*
1713 **ALLSTATE INSURANCE**...*Insurance*
1713 **RAISLEY, TERRY AGT**...*Insurance*
1715 **ELEGANT HAIR & NAILS**...*Beauty Salons*
1717 **SHERWIN-WILLIAMS**...*Paint-retail*
1745 **COMCAST CABLE**...*Television-cable & Catv*
1745 **DENNY'S**...*Foods-carry Out*
1745 **DENNY'S**...*Restaurants*

1601 **ESCOBAR, ANTHONY I**...*Attorneys*
1601 **MARKETEX COMPUTER CORP**...*Computer & Equipment Dealers*
1601 **OWEN PROPERTIES**...*Office Buildings & Parks*
1601 **POWER**...*Electrical Power Systems-maintenance*
1601 **WEBMASTER INC**...*Internet Service*
1680 **AIR BUSINESS EXP INC ABX WORLD**...*Business Services Nec*
1680 **ALABASTER & ASSOC**...*Accounting & Bookkeeping General Svc*
1680 **CASEMAKER INC**...*Computer Software*
1680 **LOVE FUND USA**...*Foreign Exchange Brokers & Dealers*
1680 **PINNACLE HR SOLUTIONS INC**...*Nurses & Nurses' Registries*
1680 **QUESTIVITY**...*Computer Services*
1680 **UP JOHN HEALTH SVC**...*Nonclassified Establishments*

1655 **RAMADA LIMITED**...*Hotels & Motels*
1680 **DISH NET WORK BY DISH SAT**...*Television-cable & Catv*
1680 **TACO BELL**...*Restaurants*
1700 **HOLIDAY INN EXPRESS**...*Hotels & Motels*
1705 **A AMERICAN DEBT CONSOLIDATION**...*Debt Adjusters*
1705 **BANK OF THE WEST**...*Banks*
1705 **ELAVON**...*Credit Card & Other Credit Plans*
1705 **SECURITY SYSTEM INSTALLATION**...*Security Control Equip & Systems-whls*
1713 **KENNETH JACKSON-ALLSTATE AGENT**...*Insurance*
1715 **ELEGANT HAIR & NAILS**...*Beauty Salons*
1717 **PASHA MARKET**...*Grocers-retail*
1745 **COMCAST SANTA CLARA**...*Television-cable & Catv*
1745 **DENNY'S**...*Restaurants*

1601 **BLDG**...*Communications Svs*
1601 **BLDG**...*Unclassified*
1601 **BLDG**...*Offic Bldg Oper*
1601 **BLDG**...*Data Proc & Prep*
1601 **BLDG**...*Computer,softwr Str*
1601 **WEBMASTER INC**...*Internet Service*
1680 **ALABASTER & ASSOC**...*Accounting & Bookkeeping General Svc*
1680 **BLDG**...*Education Consultant*
1680 **BLDG**...*Subdividers & Devel*
1680 **BLDG**...*Computer Software*
1680 **BLDG**...*Real Estate Loans*
1680 **BLDG**...*Comp Sftwre & Acc*
1680 **BLDG**...*Employment Agencies & Opportunities*
1680 **BLDG**...*Air Cargo Carr,sched*
1680 **BLDG**...*Nclassifiable Estab*

1655 **ASSTIK CORP**...*Hotels & Motels*
1655 **ASSTIK CORP**...*Hotels & Motels*
1655 **RAMADA**...*Hotels & Motels*
1655 **RAMADA INN**...*Hotels & Motels*
1680 **TACO BELL**...*Restaurants*
1680 **TACO BELL**...*Quick Serv Mexican*
1700 **HOLIDAY INN**...*Hotels & Motels*
1700 **HOLIDAY INN EXPRESS SNTA CLARA**...*Motels & Hotels Reservations*
1705 **BANK OF THE WEST**...*Banks*
1705 **BANK OF THE WEST**...*National Coml Banks*
1705 **NOVA INFORMATION SYSTEMS**...*Short-term Bus Cred*
1713 **ALLSTATE INSURANCE**...*Insurance*
1713 **ALLSTATE INSURANCE CO**...*Insurance Agents,brkr*
1715 **ELEGANT HAIR & NAILS**...*Manicuring*
1715 **ELEGANT HAIR & NAILS**...*Beauty Shops*
1717 **PASHA MARKET**...*Grocers-retail*
1717 **PASHA MARKET**...*Grocery Stores*
1745 **DENNYS**...*Restaurants*
1745 **DENNYS RESTAURANT**...*Cafe/diner/family Rest*

2006
SOURCE: HAINES

CIVIC CENTER DRIVE

1375	NO LISTING
1601	MARXETEX COMPUTER CORP
1601	OWEN PROPERTIES
1601	UP FRONT COMMUNICATIONS
1601	WEBMASTER INCORPORATED
1680	AIR BSNSS EXPRSS INC ABX WRLD
1680	ALABASTER & ASSOCIATES
1680	BURGG & ASSOCIATES INC
1680	CASEMAKER INC
1680	NURSE BUILDERS INC
1680	PINNACLE HR SOLUTIONS INC
1690	APARTMENTS

2006
SOURCE: HAINES

EL CAMINO REAL

1610	ALL STAR GLASS ¿¿
1655	PATEL RAMESHVASANJI
1655	RAMADA LIMITED
1680	TACO BELL
1700	HOLIDAY INN EPRESS
1705	BANK OF THE WEST
1713	ALLSTATE INS CO
1713	JACKSON KEN
1715	ELEGANT HAIR&NAILS
1717	PASHA MARKET
1745	DENNY'S RESTAURANT
1790	YOSHNOYA RESTAURANT

2001-2002
SOURCE: HAINES

CIVIC CENTER DRIVE

1500 **COMMUNITY SERV**
1500 **SCLAR CTY PLNG**
1601 **ACROSSWORLD COMMUNICANONS INC**
1601 **BLOSSW HL ESTATES**
1601 **LEON N G CONSTRUCTION**
1601 **MARKETEX COMPUTER CORP**
1601 **OWEN PROPERTIES**
1601 **OWEN VICKR**
1601 **WEBMASTER INCORPORATED**
1641 **XXXX**
1680 **ALABASTER&ASSOCIATES**
1680 **CASEMAKER INC**
1680 **QUALITY STRUCTURAL ENGRG&DSGN**
1680 **TRIKAAL INFOTECH**
1685 **XXXX**
1690 **APARTMENTS**

2001-2002
SOURCE: HAINES

EL CAMINO REAL

1655 **ASSTIK CORP**
1655 **PATEL RAMESHASANJI**
1655 **RAMADA LIMITED**
1680 **TACO BELL**
1700 **KIM JOHN**
1702 **KIM JOHN**
1705 **BANK WST BRANCH LOCATION**
1713 **ALLSTATE INS SALES**
1713 **JACKSON KEN**
1715 **ELEGANT HAIR&NAILS**
1717 **XXXX**
1719 **XXXX**
1745 **DENNYS RESTAURANT**
1785 **XXXX**

1995-1996
SOURCE: HAINES

CIVIC CENTER DRIVE

1425 XXXX
1541 BUILDING
1541 POLICE DEPT ARREST
1541 POLICE DEPT DIAL TP
1541 POLICE DEPT PATROL
1541 POLICE DEPT THEFT
1541 POLICEDEPT RECORDS
1541 SCLAR CTY POL
1541 SCLAR CTY POL RESRV
1541 SCLAR CTY POL ARREST
1541 SCLAR CTY POL BYCLE
1541 SCLAR CTY POL CRIME
1541 SCLAR CTY POL DTCTV
1541 SCLAR CTY POL PAL
1541 SCLAR CTY POL RCRTG
1541 SCLAR CTY POL TIP
1541 SCLAR CTY POL TRFFC
1541 SCLAR CTY POL TRNG
1541 SCLAR CTY POL WRRNT
1541 SCLAR CTY POLAFFRS
1541 SCLAR CTY POLPATRL
1601 A S C TECHNOLOGIES
1601 ADULT INDPNDNCE CTR
1601 BLOSSOM HL ESTATES
1601 BUILDING
1601 ESCOBAR A I ATTY
1601 HONEN VICTOR H 3D
1601 MARXETEX
1601 MISSION CTY FED CR
1601 OVEN PROPERTIES
1601 SEVEIRA N R ATTY
1601 TECHSERV
1601 WOODSIDE MOBILE HMS
1641 ALABASTER&ASSOCIATE
1641 CASEMAKER INC
1641 COMPUTER TYME
1641 FILPUNO BUYERS PGS
1641 GAGNER TOONEY ASSOC
1641 VILLAFRANCA TONY
1641 XXXX
1685 XXXX
1700 APARTMENTS

1995-1996
SOURCE: HAINES

EL CAMINO REAL

1610 AMER AUTO SALES
1655 ASSTIK CORP
1655 SCLAR MOTELODGE
1680 XXXX
1700 CESENA VIC&SONS ATO
1702 XXXX
1705 BANK WST BRANCH
1713 ALLSTATE INS SALES
1713 JACKSON KEN
1715 BLASE NAILS
1717 ACTIVE ELECTRONICS
1719 XXXX
1745 DENNYS REST S CLARA
1785 XXXX

1990-1991 CIVIC CENTER DRIVE
SOURCE: HAINES

1541 NO LISTING
1601 AMDAHL CORP
1601 BLOSSOM ML ESTATES
1601 BUILDING
1601 COURTESY EXHANGE
1601 MARKETEX
1601 MEYER CARE HLTH SVS
1601 NO LISTING
1601 OMEGA PRTCTN SYSTWS
1601 OWEN GROUP
1601 OWEN MANAGEMENT
1601 OWEN VICTOR H 3D
1601 OWEN VICTOR H JR
1601 PAC COAST PRODUCERS
1601 PAC ENVRNMNTL GROUP
1601 PROSERVICE COMPUTER
1601 TELEX CONNECTION
1641 XXXX
1680 BUILDING
1680 CA VETS ADVOCACY
1680 CAREER CENTER
1680 COMPUTERS UNLIMITED
1680 FISH RAYMOND G ATTY
1680 GAGNER TOOMEY ASSOC
1680 HOWARD ROBIN
1680 JIMSAL CMPTR CNSLT
1680 MAIDA JOHN&ASSOCTS
1680 NO LISTING
1680 PROFSNL ACCOUNT MNG
1680 SERVI MATIC SANJSE
1680 STATE FARM INS AGNT
1680 UNIVRSL INS AGCY
1685 XXXX
1700 APARTMENTS

1990-1991 EL CAMINO REAL
SOURCE: HAINES

1610 HARRISONS MARINE CT
1655 SCLAR MOTELOOGE
1680 MIKES EXCLNT FOODS
1700 CESENA VIC&SONS
1700 VIDALS
1702 JONES RADIATOR SERV
1705 BANK WST INFO
1705 BANK WST SVGS & CHCKG
1713 ALLSTATE INS SALES
1716 COPY PLACE THE
1716 PUBLISHING PLACE
1717 CAL AUTO INC
1719 XXXX
1745 DENNYS REST S CLARA
1785 XXXX

1987 — CIVIC CENTER DRIVE

SOURCE: HAINES

1601 A S A P COURIER SRV
1601 BUILDING
1601 CENTCIRCUIT INTL
1601 COMNCTN CENTER THE
1601 COMPATIBLE CMPONENT
1601 E X I M A
1601 I D A
1601 INTL DATA APPLICTNS
1601 MARKETEX
1601 MEYER CARE HME HLTH
1601 MISSION COMMNCTN
1601 NO LISTING
1601 OWEN VICTOR H 3D
1601 OWEN VICTOR H JR
1601 PAC CST PRODUCERS
1601 PRIME SHARE
1601 PROSERVICE COMPUTER
1601 SPECTRA SYSTEMS
1641 XXXX
1680 BUILDING
1680 C M S
1680 CLINICOM MANGMNT SV
1680 COPAS G E TAX CNSLR
1680 DUBER INDSTAL SCRTY
1680 GAGNER TOOMEY ASSOC
1680 HERNANDEZ C&ASC
1680 HOWARD ROBIN
1680 JIMSAL CMPTR CNSLT
1680 MINI SYSTEMS ASCTS
1680 NO LISTING
1680 PROFSNL ACCOUNT MNG
1680 STATE FARM INS SCLA
1680 UNIVRSL INS AGCY
1680 UPJOHN HLTH CARE SV
1680 UPJOHN HLTHCRE SVS
1685 XXXX
1700 APARTMENTS

1987 — EL CAMINO REAL

SOURCE: HAINES

1610 HARRISONS MARINE CT
1655 SCLAR MOTELODGE
1680 SPIROS FMLY REST
1700 CESENA VIC&SONS
1700 CIRCLE TRACK RACING
1700 VIDALS
1702 JONES RADIATOR SERV
1702 JONES RENTAL
1705 BANK WST INFO
1705 BANK WST SVGS & CHCKG
1713 ALLSTATE INS SCLARA
1715 COPY MILL SECRTL SV
1715 COPY MILL THE
1717 CAL AUTO INC
1719 XXXX
1745 DENNYS REST S CLARA
1785 XXXX
1790 XXXX

1981 — CIVIC CENTER DRIVE

SOURCE: HAINES

1541 SCLAR CT POL DTCTY
1541 SCLAR CT POL INFO
1541 SCLAR CT POL RECRD
1541 SCLAR CT POL VEHCL
1541 SCLAR CT POL BCYCL
1541 SCLAR CT POL BUS
1541 SCLAR CT POL P A L
1541 SCLAR CT POLICE
1601 AQUA DOME
1601 BARNES W A CFP
1601 BENETECH INC
1601 BOLINO PETER&ASC
1601 BUILDING
1601 CA PRFSNL COMPUTING
1601 CARBORUNDUM CO INC
1601 CITILINE AGENCY
1601 CRANBROOK INTL INC
1601 ENERGY CNSRVTN BRKR
1601 G E C C FINANCIAL
1601 GENL ELEC CRDT MRTG
1601 HOFFMAN JON A
1601 I D A
1601 INTL DATA APPLICTNS
1601 MARKETEX
1601 MEYER CARE HME HLTH
1601 MICRO FOCUS
1601 MICROGLOBE CORP
1601 NATL MICRONETCS INC
1601 OLD MISSION EXECTV
1601 ORDER DESK
1601 OWEN VICTOR H
1601 OWEN VICTOR H 3D
1601 PAC COAST PRODUCERS PRIME
1601 S E M DEVELOPRS INC
1601 SEQUOIA INSURANCE
1601 TORIN CORP
1601 WALLPAPERS TO GO
1601 WEBER ASSOCIATES
1680 ASSOCTN FR PSYCHLGC
1680 CMS
1680 A S A P SECRTAL SRV
1680 ANDREWS INS AGNCY
1680 BUILDING
1680 CENTER PSYCHTHRPY
1680 CLINICOM MNG SERV
1680 COPAS GLENN E
1680 FIBERGLAS SNTA CLAR
1680 HBC
1680 MULTI TENANT RESIDENTIAL
1680 PRINDLE WEBR
1680 PROFSNL ACCOUNT MNG
1680 PROFSNL TEMPRY SV
1680 RICE THOS G
1680 S A M C O
1680 SAVINGS ASN MRTG CO
1680 SCHNUR STEVEN W
1680 STATE FARM INS
1680 STOUT WM J
1680 UPJOHN HLTH CARE SV
1685 XXXX
1700 APARTMENTS
1700 BARNETT BARRY

1981 — EL CAMINO REAL

SOURCE: HAINES

1610 CIRCLE PRESS EMER
1655 SCLAR MOTELODGE
1680 SPIROS FMLY REST
1700 CESENA VIC & SONS
1700 CIRCLE TRACK RACING
1700 VIDALS
1702 JONES RADIATOR SERV
1705 BANK OF WST SC CHKG
1705 BANK OF WST SC INFO
1705 BANK OF WST SC LN
1713 ALLSTATE INS CO
1715 ALLSTATE INS
1715 COPY MILL THE
1717 XXXX
1719 CAL AUTO SUPPLY
1719 LENEMANN INC
1719 SOUZA DISTRIBUTORS
1719 WINE WAREHOUSE
1745 DENNYS REST S CLARA
1785 XXXX
1805 ACC U TUNE

1976
SOURCE: HAINES

CIVIC CENTER DRIVE

1541 **XXXX**
1601 **CENTRY PAST**
1601 **DAVID M SEMAS ENTP**
1601 **MEYER CARE HME HLTH**
1601 **PAC COAST PRODUCERS**
1601 **PUROLATOR SECURITY**
1601 **S E M DEVELOPERS**
1601 **SEMAS D M ENTPRS**
1700 **APARTMENTS**

1976
SOURCE: HAINES

EL CAMINO REAL

1610 **XXXX**
1655 **MOTELODGE SNTA CLRA**
1655 **SCLAR MOTELODGE**
1680 **UNCLE JOHNS PANCAKE**
1700 **CESENA VIC SONS CO**
1700 **CIRCLE TRCK EQPMT**
1700 **VIDALS**
1702 **JONES RADIATOR SERV**
1705 **FIRST NTL S CLARA**
1785 **XXXX**

1971
SOURCE: HAINES

CIVIC CENTER DRIVE

NO LISTINGS IN RANGE

1971
SOURCE: HAINES

EL CAMINO REAL

1600 **CROCKER CTZN NTL**
1610 **ORAVEC B CHEVRON**
1655 **MOTELODGE SCLARA**
1655 **SANTA CLARA MOTELDG**
1680 **UNCLE JOHN FMLY RST**
1700 **CESENA VIC&SONS CO**
1700 **HARSHALL ZENO H**
1700 **VIDALS**
1702 **XXXX**
1785 **I NMAN LOIS E**

1966
SOURCE: PACIFIC TELEPHONE

CIVIC CENTER DRIVE

NO LISTINGS IN RANGE

1966
SOURCE: PACIFIC TELEPHONE

EL CAMINO REAL

1610 **BILL ORAVECS CHEVRON**
1655 **SANTA CLARA MOTELODGE**
1680 **UNCLE JOHNS PANCAKE**
1700 **CESENA V AUTO ELEC**
1700 **VIDALS**
1702 **IV DRIVE IN**
1810 **SANTA CLARA BEACON**

1961
SOURCE: PACIFIC TELEPHONE

CIVIC CENTER DRIVE

STREET NOT LISTED

1961
SOURCE: PACIFIC TELEPHONE

EL CAMINO REAL

1625 **FUJII FLOWER SHOP**
1680 **UNCLE JOHNS PANCAKE**
1700 **CESENA V AUTO ELEC**
1700 **VIDALS**
1702 **JOHNSONS TEXACO SVC**
1810 **DUKES SERVICE STATION**

1957
SOURCE: PACIFIC TELEPHONE

CIVIC CENTER DRIVE

STREET NOT LISTED

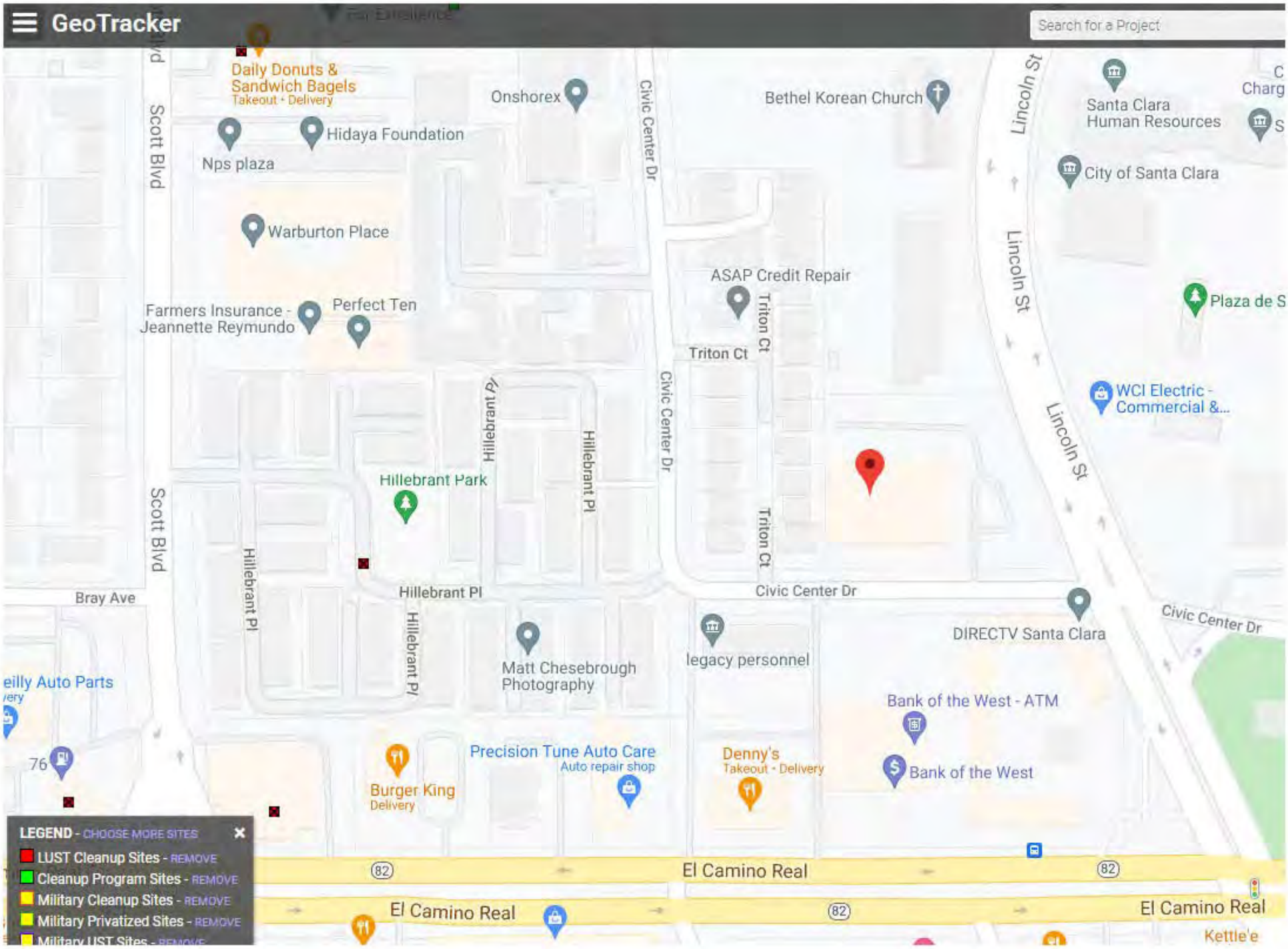
1957
SOURCE: PACIFIC TELEPHONE

EL CAMINO REAL

1625 **SANTA CLARA NURSERY**
1700 **CESENA V AUTO ELEC**
1700 **VIDALS SPANISH INN**
1702 **JOHNSONS TEXACO SVC**
1810 **DUKES SERVICE STATION**

--- END REPORT ---

REGULATORY RECORDS REVIEW DOCUMENTATION


GeoTracker
Search for a Project
Daily Donuts & Sandwich Bagels
Takeout · Delivery
Onshorex
Bethel Korean Church
Santa Clara Human Resources
City of Santa Clara
Hidaya Foundation
Nps plaza
Warburton Place
ASAP Credit Repair
Farmers Insurance - Jeannette Reymundo
Perfect Ten
Plaza de S
WCI Electric - Commercial &...
Scott Blvd
Civic Center Dr
Lincoln St
Triton Ct
Hillebrant Pl
Hillebrant Park
Bray Ave
Civic Center Dr
DIRECTV Santa Clara
Matt Chesebrough Photography
legacy personnel
Bank of the West - ATM
Bank of the West
Precision Tune Auto Care
Auto repair shop
Burger King
Delivery
Denny's
Takeout · Delivery
76
El Camino Real
82
Kettle'e
LEGEND - CHOOSE MORE SITES
LUST Cleanup Sites - REMOVE
Cleanup Program Sites - REMOVE
Military Cleanup Sites - REMOVE
Military Privatized Sites - REMOVE

California Regional Water Quality Control Board
San Francisco Bay Region

Terry Tamminen
Secretary for Environmental Protection

1515 Clay Street, Suite 1400, Oakland, California 94612
(510) 622-2300 • Fax (510) 622-2460
http://www.swrcb.ca.gov/rwqcb2

Arnold Schwarzenegger
Governor

RECEIVED
MAY 5 2004
SANTA CLARA VALLEY WATER DISTRICT

April 23, 2004
File No. 43-3105 (BGS)

Mr. Jim Parissenti
City of Santa Clara
Engineering Department
1500 Warburton Avenue
Santa Clara, CA 95050

Subject: **Transmittal of the Closure Letter and Site Closure Summary – Santa Clara Police Station, 1541 Civic Center Drive, Santa Clara, Santa Clara County, SCVWDID # 07S1W03G05f, LOP # 10-023**

Dear Mr. Parissenti:

Attached please find the uniform underground storage tank closure letter and the site closure summary for the subject site. Please contact Barbara Sieminski of my staff at (510) 622-2423 or e-mail bgs@rb2.swrcb.ca.gov if you any questions regarding this matter.

Residual contamination both in soil and groundwater remains at the site that could pose an unacceptable risk under certain site development activities such as site grading, excavation, or the installation of water wells. The District and the appropriate planning and building department shall be notified prior to any changes in land use, grading activities, excavation, and installation of water wells. This notification shall include a statement that residual contamination exists on the property and list all mitigation actions, if any, necessary to ensure compliance with this site management requirement. The levels of residual contamination and any associated site risk are expected to reduce with time.

Sincerely,

for Bruce H. Wolfe
Executive Officer

Enclosures Closure Letter
Case Closure Summary (5 pages) with Attachments (23 pages)

cc: (w/o Summary)
Ms. Grace Cheng
SCVWD
5750 Almaden Expwy
San Jose, CA 95118

Ms Lily Lee
SWRCB
UST Cleanup Fund

Ms. Dianna Flanagin
SWRCB
UST Programs Inf. Sys.

California Regional Water Quality Control Board
San Francisco Bay Region

Terry Tamminen
Secretary for Environmental Protection

1515 Clay Street, Suite 1400, Oakland, California 94612
(510) 622-2300 • Fax (510) 622-2460
http://www.swrcb.ca.gov/rwqcb2

Arnold Schwarzenegger
Governor

April 23, 2004
File No. 43-3105 (BGS)

Mr. Jim Parissenti
City of Santa Clara
Engineering Department
1500 Warburton Avenue
Santa Clara, CA 95050

Subject: **Case Closure – Santa Clara Police Station, 1541 Civic Center Drive, Santa Clara, Santa Clara County, SCVWDID # 07S1W03G05f, LOP # 10-023**

Dear Mr. Parissenti:

This letter confirms the completion of site investigation and remedial action for the underground storage tanks formerly located at the above described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based upon the available information, including the land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, California Water Code of Regulations, Division 3, Chapter 16, Section 2721(e). If change in land use is proposed, the owner must promptly notify this agency.

Please contact our office, if you have any questions regarding this matter.

Sincerely,

for Bruce H. Wolfe
Executive Officer

Santa Clara Valley Water District

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

Date: March 12, 2004

I. AGENCY INFORMATION

Agency Name: Santa Clara Valley Water District	Address: 5750 Almaden Expressway
City/State/Zip: San Jose, CA 95118	Phone: (408) 265-2600
Responsible Staff Person: Grace Cheng / MYS	Title: Water Quality Specialist

II. CASE INFORMATION

Site Facility Name: Santa Clara Police Station		
Site Facility Address: 1541 Civic Center Dr., Santa Clara 95050		
RB LUSTIS Case No: N/A	Local Case No: 07S1W03G05f	LOP Case No.: 10-023
URF Filing Date: N/A[1]	SWEEPS No.: N/A	APN: 224-25-074
Responsible Parties	Address	Phone Number
City of Santa Clara Mr. Jim Parissenti	1500 Warburton Avenue, Santa Clara, CA 95050	(408) 615-3061

Tank I.D. No.	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	2,000	Diesel	Removed	1985
2	4,000	Gasoline	Removed	1985
3	10,000	Gasoline	Removed	1989
4	4,000	Gasoline	Removed	March 1997
5	12,000	Gasoline	Removed	September 2001
6	2,000	Diesel	Removed	September 2001
Piping			Removed	1985,1989, 1997 and 2001

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: UST system		
Site characterization complete? Yes	Date Approved by Oversight Agency: 3/12/2004	
Monitoring wells installed? No	Number: --	Proper screened interval? --
Highest GW Depth Below Ground Surface: ----*	Lowest Depth: ----*	Flow Direction:----*
Most Sensitive Current Use: Potential Drinking Water Supply		

1= no URFs were found in Santa Clara Valley Water District's files.
* Monitoring wells were not installed for this investigation at the subject site.

Summary of Production Wells in Vicinity: During this closure evaluation, one active and two abandoned wells were identified within the ¼ mile radius of the subject site.

Well Number	Well Permit	Status	Depth (ft)	Type	Direction
07S01W03H002	86W1822	Active	810	M/I	~ 740 E
07S01W03G001	N/A	Abandoned	N/A	AG	~ 564 SE
07S01W03G002	N/A	Abandoned	500	Dom	~740 SW

Notes
M/I = Municipal and Industrial Water Supply Well
Ag = Agriculture Water Supply Well
Dom = Domestic Water Supply Well
N/A = Not Available

Are drinking water wells affected? No	Aquifer Name: Santa Clara Valley Groundwater Basin
Is surface water affected? No	Nearest SW Name: None is found.
Off-site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Santa Clara Valley Water District

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	2 steel	Disposed; Oakland, CA	December 1986
	2 steel	Disposed; Richmond, CA	1989 and March 1997
	2 Steel	Disposed; Unknown Destination	2001
Piping	Not Reported	Removed and Disposed to Unknown Destination	1986, 1989, 1997 and 2001
Free Product	----	----	----
Soil	120 cubic yards	Disposed; Santa Clara, CA	May 1989
	80 cubic yards	Disposed; Santa Clara, CA	June 1989
Groundwater	----	----	----
Barrels	----	----	----

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
Please see Attachment 2,3 for additional information on contaminant locations and concentrations

	Soil (ppm)		Water (ppb)			Soil (ppm)		Water(ppb)	
Contaminant	Before	After	Before	After	Contaminant	Before	After	Before	After
TPH (Gas)	11[1]	11[1]	2,100[5]	NA	Xylenes	<5[2]	<5[2]	42[6]	<1[6]
TPH (Diesel)	NA	NA	NA	NA	Ethylbenzene	<5[2]	<5[2]	5.2[6]	5.2[6]
Benzene	<5[2]	<5[2]	10[5]	<1[6]	Oil & Grease	NA	NA	NA	NA
Toluene	<5[2]	<5[2]	12[5]	<1[6]	Heavy Metals	NA	NA	NA	NA
8260	*[3]	ND	**[6]	ND	MTBE (If not analyzed, explain below	0.88[3]	0.058[4]	410[6,***]	21[7,***]

Description of Interim Remediation Activities: Over-excavation was performed at the tank pit, 2001.

Notes
1= Soil samples collected beneath the 10,000 gallon tank at 13 feet bgs, 1989
2= Soil samples collected beneath the 4,000 gallon tank at 7 feet bgs, 1997
3= Soil samples collected beneath the 12,000 gallon tank, September, 2001
4= Soil samples collected beneath the tank after soil over-excavation, October 2001
5= Groundwater sample collected from the 4,000 gallon tank pit, 1997
6= Groundwater sample collected from the 12,000 gallon tank pit, September 2001

7=Groundwater sample collected subsequent to pumping of the 12,000 gallon tank excavation pit, September 2001
* 0.21 ppm tert-Butanol
** 30 ppb tert-Butanol
*** Via EPA Method 8260
NA = Not analyzed for this compounds
ND = Below the detection limit.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Santa Clara Valley Water District staff does not make specific determinations concerning public health risk. However, it does not appear that the release would present a risk to human health.		
Site Management Requirements: Residual contamination both in soil and groundwater remains at the site that could pose an unacceptable risk under certain site development activities such as site grading, excavation, or the installation of water wells. Therefore, the impact or the disturbance of any residual contamination or the installation of a water well in the vicinity of the residual contamination shall be assessed and appropriate action taken so that there is no significant impact to human health, safety, or the environment. This could necessitate additional sampling, health risk assessment, and mitigation measures. The District and the appropriate planning and building department shall be notified prior to any changes in land use, grading activities, excavation, and installation of water wells. This notification shall include a statement that residual contamination exists on the property and list all mitigation actions, if any, necessary to ensure compliance with this site management requirement. The levels of residual contamination and any associated site risk are expected to reduce with time.		
Should corrective action be reviewed if land use changes? Yes, please see site management requirements		
Number of Wells Commissioned:--	Number of Wells Decommissioned: --	Number of Wells Retained:--
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: None		

V. ADDITIONAL COMMENTS, DATA, ETC.

Site Summary:

1985:
In November, two underground storage tanks (USTs) (one 2,000 gallon diesel and one 4,000 gallon gasoline) were removed. Santa Clara Valley Water District and the San Jose Fire Department did not have records of soil or groundwater analytical results. According to historical records, both tanks were replaced.

1989:
In May, a 10,000 gallon gasoline UST was removed. Approximately 200 cubic yards were excavated during the tank removal activity. A total of 120 cubic yards of soil was disposed and the remaining 80 cubic yards of soil was left on-site to aerate. Two soil samples were collected beneath the tank and up to 11 parts per million (ppm) Total Petroleum Hydrocarbon as Gasoline (TPHG) were detected. A 12,000 gallon gasoline tank was installed to replace the 10,000 gallon gasoline tank.

1997:
In March, a 4,000 gallon gasoline UST was removed. Up to 2,100 parts per billion (ppb) TPHG and 10 ppb Benzene were detected in a pit groundwater sample.

2001:
In September, two USTs (one 2,000 gallon diesel and one 12,000 gallon gasoline) were removed. Up to 0.88 ppm Methyl tert Butyl Ether (MTBE) was detected in soil and 410 ppb MTBE was detected in a pit groundwater sample. Groundwater in the tank pit was subsequently pumped, allowed to recharge and

pumped again. The pit water sample was sampled for the second time and detected up to 21 ppb of MTBE. On September 29, over-excavation was performed on the east side of the 12,000 gallon tank pit. Approximately 3 feet was removed and up to 0.058 ppm MTBE was detected in collected confirmation soil samples.

Conclusions:
Residual petroleum hydrocarbon contamination exists beneath the site, however, the extent of impacted soil and groundwater appears to be limited in extent and all sources have been removed from the subject site. Furthermore, we expect the remaining contamination to continue naturally attenuate. Therefore, Santa Clara Valley Water District have concluded that a continuing threat to groundwater, human health and the environment from residual petroleum hydrocarbons does not exist at this site and that Regional Water Control Board objectives have not been compromised. Therefore, no further corrective action is necessary at this time.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Grace Cheng	Title: Water Quality Specialist
Signature:	Date: 3-12-04
Approved by: James S. Crowley, P.E.	Title: Engineering Unit Manager
Signature:	Date: 3-22-04

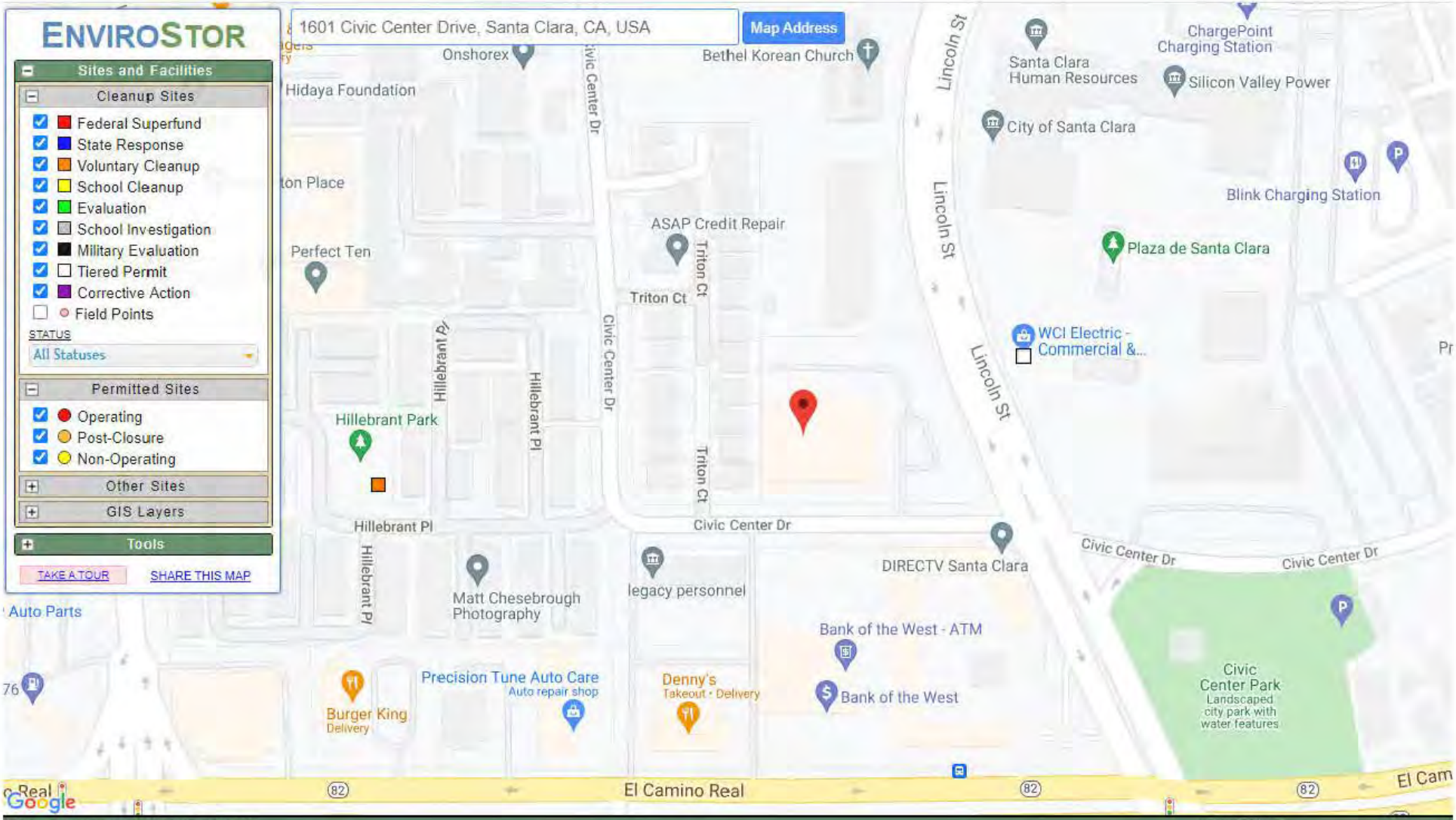
This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Barbara Sieminski	Title: Engineering Geologist
RB Response: Concur based solely upon information contained in this case closure summary.	Date Submitted to RB: 03/24/04
Signature: B Sieminski	Date: 03/30/04

Attachments:
1. Site maps
2. Site map for soil sampling locations, 1989
2a. Analytical soil sampling results
3. Site map for soil and groundwater sampling locations, 1997
3a. Analytical soil and groundwater sampling results
4. Site map for soil and groundwater sampling locations, 2001
4a. Analytical soil and groundwater sampling results
5. Site map for soil sampling locations subsequent to over-excavation, 2001
5a. Analytical soil and groundwater sampling results subsequent to excavation, 2001

This document and the related Case Closure Letter, shall be retained by the lead agency as part of the official site file.



SITES CURRENTLY VISIBLE ON MAP — 2 SITES LISTED

PROJECT NAME	STATUS	PROJECT TYPE	A
APPLIED MATERIALS, INC., CORONADO	INACTIVE - NEEDS EVALUATION	TIERED PERMIT	3
SHEA HOMES - SCOTT BLVD. PROJECT	NO FURTHER ACTION	VOLUNTARY CLEANUP	1

INTERVIEW DOCUMENTATION

Property Address: **1601 CIVIC CENTER DR SANTA CLARA CA 95050-4109**

General Information

County:	**SANTA CLARA**
Parcel # (APN):	**224-49-006** Open Map
Owner:	See Full Detail
Mailing Address:	**1400 PARKMOOR AVE #190 SAN JOSE CA 95126**
Legal Description:	
Use Type:	**VACANT**
Tax Rate Area:	**007-000**



Full Detail $14.95 Add to Cart

PLEASE NOTE: If a field is empty on this page, there is no data available, and the field will also be empty on the Full Detail property report.

Assessment

Total Value:	**$12,225,356**	Year Assd:	**2021**
Land:	**$12,225,356**	Zoning:	See Full Detail
Structures:		Use Code:	See Full Detail
Other:		Census Tract:	See Full Detail
% Improved:	See Full Detail	Price/SqFt:	See Full Detail
Exempt Amt:			
HO Exempt:	**N**		

Sale History

	Sale 1	Sale 2	Sale 3	Transfer
Document Date:	**01/15/2020**	See Full Detail	See Full Detail	See Full Detail
Document Number:	**24380714**	See Full Detail	See Full Detail	See Full Detail
Document Type:	See Full Detail	See Full Detail	See Full Detail	
Transfer Amount:	**$12,100,000**	See Full Detail	See Full Detail	
Seller (Grantor):	See Full Detail			

Property Characteristics

Bedrooms:		Fireplace:		Units:	See Full Detail
Baths (Full):		A/C:	See Full Detail	Stories:	See Full Detail
Baths (Half):		Heating:		Quality:	See Full Detail
Total Rooms:		Pool:		Building Class:	See Full Detail
Bldg/Liv Area:	**30,000**	Park Type:		Condition:	See Full Detail
Lot Acres:	**1.410**	Spaces:		Site Influence:	
Lot SqFt:	**61,420**	Garage SqFt:		Timber Preserve:	
Year Built:	**1974**			Ag Preserve:	
Effective Year:	See Full Detail				

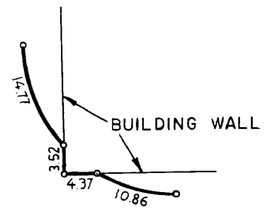
**The information provided here is deemed reliable, but is not guaranteed.

Additional reports on this property

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BOOK	PAGE
224	49

DETAIL



TOWN OF SANTA CLARA

PTN. SUB. LOT 14

P.M. 329-M-51

1" = 100'

(25) (48) (50) (51) (41) (20)

82

STREET

LINCOLN ℄

AVENUE

DON AVENUE

WARBURTON ℄

TRACT Nº 8198

PARK VISTA CR.

LOT 16

CITY OF SANTA CLARA

(R.O.S. 115/11)

TRACT Nº 8232

TR. NO. 6428

TRITON (Pvt.) CT.

CIVIC CENTER DRIVE

EL CAMINO REAL

R. O. S. 738/37

ISABELLA STREET

PIERCE STREET

BK 269

P.M.- 364-M-45

TRA DET. MAP 104

3.32 AC. NET

PCL. B

1.41 AC. NET

PCL. A

1.38 AC. NET

PCL. 3

1.37 AC. NET

PCL. 1

PCL. 2

SEE DETAIL (20)

LAWRENCE E. STONE – ASSESSOR
Cadastral map for assessment purposes only.
Compiled under R. & T. Code, Sec. 327.
Effective Roll Year 2018–2019

DATA GAP WORKSHEET

DATA GAP WORKSHEET

Project or Property Name: Charities Housing – Santa Clara, CA
Project Number: 575-1902

Requirement	Status			Other Sources of Information	SDG*
Category Activity	**N/A**	**Complete**	**Incomplete**	**Reference Source(s) Obtained or What Sources PSI Used to Try to Close Data Gap**	**Blank if None**
User Responsibilities					
User Knowledge and Information		☐	☒		
Environmental Lien and AUL Information		☐	☒		
PSI Obtained Environmental Lien/AUL Search on Behalf of Client (YES or NO)		**NO**			
PSI Obtained Chain-of-Title on Behalf of Client (YES or NO)		**NO**			
Environmental Records Review					
Standard Environmental Records Source Information		☒	☐		
Discretionary or Local Environmental Records Source Information	☐	☒	☐		
Physical Setting Sources Review					
Standard Physical Setting Record Information (topo map)		☒	☐		
Additional Physical Setting Record Information	☐	☒	☐		
Historical Data Sources Review					
Property History Identified to 1940		☒	☐		
Property History Identified to First Developed Use		☐	☒	Based on research completed, not an issue.	
Gaps of >5 Years in Historical Data Sources		☐	☒	Based on research completed, not an issue.	
Surrounding Property History Information		☒	☐		

DATA GAP WORKSHEET

Project or Property Name: Charities Housing – Santa Clara, CA
Project Number: 575-1902

Requirement	Status			Other Sources of Information	SDG*
Category Activity	**N/A**	**Complete**	**Incomplete**	**Reference Source(s) Obtained or What Sources PSI Used to Try to Close Data Gap**	**Blank if None**
Site Reconnaissance					
Observations: Exterior areas of the Subject Property		☒	☐		
Observations: Interior of Buildings on the Subject Property	☐	☒	☐		
Current and Past Uses of the Subject Property		☒	☐		
Observations: Adjoining Property		☒	☐		
Current and Past Uses of the Adjoining Property		☒	☐		
Uses of the Surrounding Property		☒	☐		
Interviews (with…)					
Current Owner		☒	☐		
Identified Key Site Manager	☒	☐	☐		
Non-Residential Major Occupants	☒	☐	☐		
Occupants with Operations Likely to Indicate RECs	☒	☐	☐		
Past Owners, Operators, and/or Occupants	☒	☐	☐		
If Subject Property Abandoned or Vacant, Owner or Occupants of Neighboring Properties	☐	☐	☒	Based on research completed, not an issue.	
State or Local Government Official		☒	☐		

DATA GAP WORKSHEET

Project or Property Name: Charities Housing – Santa Clara, CA
Project Number: 575-1902

Requirement	Status			Other Sources of Information	SDG*
Category Activity	**N/A**	**Complete**	**Incomplete**	**Reference Source(s) Obtained or What Sources PSI Used to Try to Close Data Gap**	**Blank if None**
FOIAs (to…)					
Comments and Explanations Regarding Incomplete Data					

*** SDG = Significant Data Gap. List Identified SDG(s) in Section 1.1.1 of the Report**

PERSONNEL QUALIFICATIONS

Kassandra O. Idowu

Professional Service Industries, Inc.
Environmental Scientist, Project Manager

Ms. Idowu joined Professional Service Industries, Inc. (PSI) in 2018 as an Environmental Scientist.

Ms. Idowu has done work on the completion of Phase I Environmental Site Assessments (ESA) and Environmental Site Surveys. Report preparation includes property reconnaissance; federal, state, and local regulatory agency review; property background searches into regional water quality control board records, property title histories, federal and state hazardous material files, as well as the review of aerial photographs, topographical maps, and other historical environmental data research.

Ms. Idowu has extensive hazardous material compliance management experience and superior knowledge of state and federal regulations. Projects include emergency generator and hazardous material permitting as well as hazardous material inspections and plan reviews.

Ms. Idowu has also been a field technician involved in groundwater sampling for former UST sites in Northern California. Ms. Idowu undertakes the sample collection and assists in the completion of technical groundwater sampling reports for these projects.

Education

Bachelor of Arts in Public Health with a focus in Environmental Health Science at University of California, Berkeley

Certification(s)

- EPA Certified Asbestos Building Inspector – #47707 IR
- NRPP Certified Residential Measurement Provider – 111218 RT

Representative Project Experience

JC Penney, Nationwide
Prepares and maintains the Hazardous Material Business Plans for over 75+ JC Penney locations in addition to managing the permitting for back-up generators. Liaison for JC Penney and their designated CUPAs throughout multiple counties.

Park Merced, San Francisco, California
Conducts quarterly hazardous material inspections and evaluation of the site and their Hazardous Material Business Plan.

Cathay Bank, Northern California
Completes various Phase I Environmental Site Assessments (ESA) and Environmental Site Surveys for different facilities throughout Northern California.

Hayward Unified School District, Hayward, California
Completes site audits and environmental review reports associated with the hazardous materials business program for over 30 school sites for Hayward Unified School District.

R.D. Olson Development, San Carlos, California
Conducts quarterly groundwater monitoring sampling for multiple monitoring wells associated with a Spills, Leaks, Investigations, and Cleanups (SLIC) site.

Caliber Collision, California & Nevada
Completes various Phase I Environmental Site Assessments (ESA) and Environmental Site Surveys for primarily auto repair facilities throughout Northern California.

Sysco Corporation, Honolulu, Maui, and Kona Island, Hawaii
Completed multiple Phase I Environmental Site Assessment (ESA) and a Limited Environmental Compliance Review (LECR) for multiple properties located throughout Hawaii.

Frank Poss, REA

Professional Service Industries, Inc.
Department Manager

Mr. Poss joined Professional Service Industries, Inc. (PSI) in 1993 as a Department Manager. He has brought with him 33 years of experience in the management of environmental site assessments; groundwater and soil remediation projects; hazardous waste management; and subsurface investigation programs. His experience includes supervision of project and staff level personnel, as well as subcontractors, implementation of QA/QC programs and Health and Safety Programs, contractual negotiations, and budgetary management of projects ranging from $20,000 to over $1,000,000. Mr. Poss has completed over 1,000 ESAs in his career and as a Senior Reviewer, he has reviewed over 1,000 ESAs from sites across the United States. He was the project manager for over $2,000,000 of work for Caltrans, including projects that involved wetlands studies, preliminary endangerment studies, remedial investigation, transportation corridor studies, and landfill assessments. The projects included work throughout the State of California. Mr. Poss has also been the project manager on numerous geotechnical investigations throughout Northern California with projects ranging from small tilt up buildings to multi-story residential buildings to large distribution facilities.

Education

Master of Science in Geology, San Diego State University, 1986

Bachelor of Arts in Geology, University of California, Santa Barbara, 1983

Certifications

- EnvironmentalProfessional – Phase I & II ESA, Project Management, PSI
- Registered Environmental Assessor, #REA05522, California
- AHERA Asbestos Building Inspector – #28719
- IAQ/Mold Inspector, PSI

Total Experience

33 years

Representative Project Experience

Environmental Site Assessments - Citigroup, Northern California, California

Project manager for over 400 Phase I/II ESA projects associated with Citigroup branches throughout the State of California. Mr. Poss was the manager for two separate portfolios of over 100 Citigroup branches each, which had a quick four-week turnaround with all reports delivered on time. The environmental assessments were completed according to standard protocol and included regulatory record review, site reconnaissance, aerial photograph interpretation, and report preparation.

Soil and Groundwater Studies - State of California Department of Transportation, Bay Bridge, California

Project manager for a site investigation for CalTrans at the “Maze” (the busiest freeway intersection in Northern California) and the West Approach to the Bay Bridge. The project was conducted as part of the seismic retrofit program. The project objective was to evaluate whether soil and groundwater generated during seismic retrofitting would be handled as a hazardous waste. The project included the drilling of over 500 borings and the analyses of these samples for metals, volatile organics, semi-volatile organics, and PCBs.

Preliminary Endangerment Study - Westlake Realty, Foster City, California

Project manager for a Preliminary Endangerment Study for the DTSC for a new school in Foster City, California. Multiple possible sources of impact at the property required the drilling of over 100 borings, 25 soil-vapor samples, and 15 indoor air samples. The preparation of a Human Health Risk Evaluation allowed PSI to obtain a partial site closure, which allowed construction to be completed while remedial activities on a release from a former dry cleaner were conducted.

Appendix E

Noise and Vibration Assessment

Civic Center Family Housing Project

Initial Study

City of Santa Clara

CIVIC CENTER FAMILY HOUSING NOISE AND VIBRATION ASSESSMENT

Santa Clara, California

December 16, 2021

Prepared for:

Amber Sharpe
David J. Powers & Associates, Inc.
1871 The Alameda, Suite 200
San José, CA 95126

Prepared by:

Carrie J. Janello
Michael S. Thill

ILLINGWORTH & RODKIN, INC.
Acoustics • Air Quality
429 East Cotati Avenue
Cotati, CA 94931
(707) 794-0400

Project: 21-142

INTRODUCTION

A five-story affordable residential building is proposed at 1601 Civic Center Drive in Santa Clara, California. The site is currently developed with an existing two-story office building that would be demolished as part of the proposed project. The proposed affordable housing project would include up to 110 residential units and two managers' units. The project would include a community room, offices that provide services to tenants, and surface and garage parking on the first floor.

This report evaluates the project's potential to result in significant noise and vibration impacts with respect to applicable California Environmental Quality Act (CEQA) guidelines. The report is divided into three sections: 1) the Setting Section provides a brief description of the fundamentals of environmental noise and groundborne vibration, summarizes applicable regulatory background, and describes the existing ambient noise environment at the project site; 2) the Plan Consistency Analysis Section discusses noise and land use compatibility utilizing applicable regulatory background; and, 3) the Impacts and Mitigation Measures Section describes the significance criteria used to evaluate project impacts, provides a discussion of each project impact, and presents measures, where necessary, to mitigate the impacts of the project on sensitive receptors in the vicinity.

SETTING

Fundamentals of Environmental Noise

Noise may be defined as unwanted sound. Noise is usually objectionable because it is disturbing or annoying. The objectionable nature of sound could be caused by its *pitch* or its *loudness*. *Pitch* is the height or depth of a tone or sound, depending on the relative rapidity (frequency) of the vibrations by which it is produced. Higher pitched signals sound louder to humans than sounds with a lower pitch. *Loudness* is intensity of sound waves combined with the reception characteristics of the ear. Intensity may be compared with the height of an ocean wave in that it is a measure of the amplitude of the sound wave.

In addition to the concepts of pitch and loudness, there are several noise measurement scales which are used to describe noise in a particular location. A *decibel (dB)* is a unit of measurement which indicates the relative amplitude of a sound. The zero on the decibel scale is based on the lowest sound level that the healthy, unimpaired human ear can detect. Sound levels in decibels are calculated on a logarithmic basis. An increase of 10 decibels represents a ten-fold increase in acoustic energy, while 20 decibels is 100 times more intense, 30 decibels is 1,000 times more intense, etc. There is a relationship between the subjective noisiness or loudness of a sound and its intensity. Each 10 decibel increase in sound level is perceived as approximately a doubling of loudness over a fairly wide range of intensities. Technical terms are defined in Table 1.

There are several methods of characterizing sound. The most common in California is the *A-weighted sound level (dBA).* This scale gives greater weight to the frequencies of sound to which the human ear is most sensitive. Representative outdoor and indoor noise levels in units of dBA are shown in Table 2. Because sound levels can vary markedly over a short period of time, a

method for describing either the average character of the sound or the statistical behavior of the variations must be utilized. Most commonly, environmental sounds are described in terms of an average level that has the same acoustical energy as the summation of all the time-varying events. This *energy-equivalent sound/noise descriptor* is called L_{eq}. The most common averaging period is hourly, but L_{eq} can describe any series of noise events of arbitrary duration.

The scientific instrument used to measure noise is the sound level meter. Sound level meters can accurately measure environmental noise levels to within about plus or minus 1 dBA. Various computer models are used to predict environmental noise levels from sources, such as roadways and airports. The accuracy of the predicted models depends upon the distance the receptor is from the noise source. Close to the noise source, the models are accurate to within about plus or minus 1 to 2 dBA.

Since the sensitivity to noise increases during the evening and at night -- because excessive noise interferes with the ability to sleep -- 24-hour descriptors have been developed that incorporate artificial noise penalties added to quiet-time noise events. The *Community Noise Equivalent Level* (*CNEL*) is a measure of the cumulative noise exposure in a community, with a 5 dB penalty added to evening (7:00 pm - 10:00 pm) and a 10 dB addition to nocturnal (10:00 pm - 7:00 am) noise levels. The *Day/Night Average Sound Level* (L_{dn} or *DNL*) is essentially the same as CNEL, with the exception that the evening time period is dropped and all occurrences during this three-hour period are grouped into the daytime period.

Effects of Noise

Sleep and Speech Interference

The thresholds for speech interference indoors are about 45 dBA if the noise is steady and above 55 dBA if the noise is fluctuating. Outdoors the thresholds are about 15 dBA higher. Steady noises of sufficient intensity (above 35 dBA) and fluctuating noise levels above about 45 dBA have been shown to affect sleep. Interior residential standards for multi-family dwellings are set by the State of California at 45 dBA L_{dn}. Typically, the highest steady traffic noise level during the daytime is about equal to the L_{dn} and nighttime levels are 10 dBA lower. The standard is designed for sleep and speech protection and most jurisdictions apply the same criterion for all residential uses. Typical structural attenuation is 12-17 dBA with open windows. With closed windows in good condition, the noise attenuation factor is around 20 dBA for an older structure and 25 dBA for a newer dwelling. Sleep and speech interference is therefore possible when exterior noise levels are about 57-62 dBA L_{dn} with open windows and 65-70 dBA L_{dn} if the windows are closed. Levels of 55-60 dBA are common along collector streets and secondary arterials, while 65-70 dBA is a typical value for a primary/major arterial. Levels of 75-80 dBA are normal noise levels at the first row of development outside a freeway right-of-way. In order to achieve an acceptable interior noise environment, bedrooms facing secondary roadways need to be able to have their windows closed; those facing major roadways and freeways typically need special glass windows.

Annoyance

Attitude surveys are used for measuring the annoyance felt in a community for noises intruding into homes or affecting outdoor activity areas. In these surveys, it was determined that the causes for annoyance include interference with speech, radio and television, house vibrations, and interference with sleep and rest. The L_{dn} as a measure of noise has been found to provide a valid correlation of noise level and the percentage of people annoyed. People have been asked to judge the annoyance caused by aircraft noise and ground transportation noise. There continues to be disagreement about the relative annoyance of these different sources. When measuring the percentage of the population highly annoyed, the threshold for ground vehicle noise is about 50 dBA L_{dn}. At a L_{dn} of about 60 dBA, approximately 12 percent of the population is highly annoyed. When the L_{dn} increases to 70 dBA, the percentage of the population highly annoyed increases to about 25-30 percent of the population. There is, therefore, an increase of about 2 percent per dBA between a L_{dn} of 60-70 dBA. Between a L_{dn} of 70-80 dBA, each decibel increase increases by about 3 percent the percentage of the population highly annoyed. People appear to respond more adversely to aircraft noise. When the L_{dn} is 60 dBA, approximately 30-35 percent of the population is believed to be highly annoyed. Each decibel increase to 70 dBA adds about 3 percentage points to the number of people highly annoyed. Above 70 dBA, each decibel increase results in about a 4 percent increase in the percentage of the population highly annoyed.

Fundamentals of Groundborne Vibration

Ground vibration consists of rapidly fluctuating motions or waves with an average motion of zero. Several different methods are typically used to quantify vibration amplitude. One method is the Peak Particle Velocity (PPV). The PPV is defined as the maximum instantaneous positive or negative peak of the vibration wave. In this report, a PPV descriptor with units of mm/sec or in/sec is used to evaluate construction generated vibration for building damage and human complaints. Table 3 displays the reactions of people and the effects on buildings that continuous or frequent intermittent vibration levels produce. The guidelines in Table 3 represent syntheses of vibration criteria for human response and potential damage to buildings resulting from construction vibration.

Construction activities can cause vibration that varies in intensity depending on several factors. The use of pile driving and vibratory compaction equipment typically generates the highest construction related groundborne vibration levels. Because of the impulsive nature of such activities, the use of the PPV descriptor has been routinely used to measure and assess groundborne vibration and almost exclusively to assess the potential of vibration to cause damage and the degree of annoyance for humans.

The two primary concerns with construction-induced vibration, the potential to damage a structure and the potential to interfere with the enjoyment of life, are evaluated against different vibration limits. Human perception to vibration varies with the individual and is a function of physical setting and the type of vibration. Persons exposed to elevated ambient vibration levels, such as people in an urban environment, may tolerate a higher vibration level.

Structural damage can be classified as cosmetic only, such as paint flaking or minimal extension of cracks in building surfaces; minor, including limited surface cracking; or major, that may threaten the structural integrity of the building. Safe vibration limits that can be applied to assess the potential for damaging a structure vary by researcher. The damage criteria presented in Table 3 include several categories for ancient, fragile, and historic structures, the types of structures most at risk to damage. Most buildings are included within the categories ranging from “Historic and some old buildings” to “Modern industrial/commercial buildings”. Construction-induced vibration that can be detrimental to the building is very rare and has only been observed in instances where the structure is at a high state of disrepair and the construction activity occurs immediately adjacent to the structure.

The annoyance levels shown in Table 3 should be interpreted with care since vibration may be found to be annoying at lower levels than those shown, depending on the level of activity or the sensitivity of the individual. To sensitive individuals, vibrations approaching the threshold of perception can be annoying. Low-level vibrations frequently cause irritating secondary vibration, such as a slight rattling of windows, doors, or stacked dishes. The rattling sound can give rise to exaggerated vibration complaints, even though there is very little risk of actual structural damage.

TABLE 1 Definition of Acoustical Terms Used in this Report

Term	Definition
Decibel, dB	A unit describing, the amplitude of sound, equal to 20 times the logarithm to the base 10 of the ratio of the pressure of the sound measured to the reference pressure. The reference pressure for air is 20 micro Pascals.
Sound Pressure Level	Sound pressure is the sound force per unit area, usually expressed in micro Pascals (or 20 micro Newtons per square meter), where 1 Pascal is the pressure resulting from a force of 1 Newton exerted over an area of 1 square meter. The sound pressure level is expressed in decibels as 20 times the logarithm to the base 10 of the ratio between the pressures exerted by the sound to a reference sound pressure (e. g., 20 micro Pascals). Sound pressure level is the quantity that is directly measured by a sound level meter.
Frequency, Hz	The number of complete pressure fluctuations per second above and below atmospheric pressure. Normal human hearing is between 20 Hz and 20,000 Hz. Infrasonic sound are below 20 Hz and Ultrasonic sounds are above 20,000 Hz.
A-Weighted Sound Level, dBA	The sound pressure level in decibels as measured on a sound level meter using the A-weighting filter network. The A-weighting filter de-emphasizes the very low and very high frequency components of the sound in a manner similar to the frequency response of the human ear and correlates well with subjective reactions to noise.
Equivalent Noise Level, L_{eq}	The average A-weighted noise level during the measurement period.
L_{max}, L_{min}	The maximum and minimum A-weighted noise level during the measurement period.
L_{01}, L_{10}, L_{50}, L_{90}	The A-weighted noise levels that are exceeded 1%, 10%, 50%, and 90% of the time during the measurement period.
Day/Night Noise Level, L_{dn} or DNL	The average A-weighted noise level during a 24-hour day, obtained after addition of 10 decibels to levels measured in the night between 10:00 p.m. and 7:00 a.m.
Community Noise Equivalent Level, CNEL	The average A-weighted noise level during a 24-hour day, obtained after addition of 5 decibels in the evening from 7:00 p.m.to 10:00 p.m. and after addition of 10 decibels to sound levels measured in the night between 10:00 p.m. and 7:00 a.m.
Ambient Noise Level	The composite of noise from all sources near and far. The normal or existing level of environmental noise at a given location.
Intrusive	That noise which intrudes over and above the existing ambient noise at a given location. The relative intrusiveness of a sound depends upon its amplitude, duration, frequency, and time of occurrence and tonal or informational content as well as the prevailing ambient noise level.

Source: Handbook of Acoustical Measurements and Noise Control, Harris, 1998.

TABLE 2 Typical Noise Levels in the Environment

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
	110 dBA	Rock band
Jet fly-over at 1,000 feet		
	100 dBA	
Gas lawn mower at 3 feet		
	90 dBA	
Diesel truck at 50 feet at 50 mph		Food blender at 3 feet
	80 dBA	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawn mower, 100 feet	70 dBA	Vacuum cleaner at 10 feet
Commercial area		Normal speech at 3 feet
Heavy traffic at 300 feet	60 dBA	
		Large business office
Quiet urban daytime	50 dBA	Dishwasher in next room
Quiet urban nighttime	40 dBA	Theater, large conference room
Quiet suburban nighttime		
	30 dBA	Library
Quiet rural nighttime		Bedroom at night, concert hall (background)
	20 dBA	
		Broadcast/recording studio
	10 dBA	
	0 dBA	

Source: Technical Noise Supplement (TeNS), California Department of Transportation, September 2013.

TABLE 3 Reaction of People and Damage to Buildings from Continuous or Frequent Intermittent Vibration Levels

Velocity Level, PPV (in/sec)	Human Reaction	Effect on Buildings
0.01	Barely perceptible	No effect
0.04	Distinctly perceptible	Vibration unlikely to cause damage of any type to any structure
0.08	Distinctly perceptible to strongly perceptible	Recommended upper level of the vibration to which ruins and ancient monuments should be subjected
0.1	Strongly perceptible	Threshold at which there is a risk of damage to fragile buildings with no risk of damage to most buildings
0.25	Strongly perceptible to severe	Threshold at which there is a risk of damage to historic and some old buildings.
0.3	Strongly perceptible to severe	Threshold at which there is a risk of damage to older residential structures
0.5	Severe – Vibrations considered unpleasant	Threshold at which there is a risk of damage to new residential and modern commercial/industrial structures

Source: Transportation and Construction Vibration Guidance Manual, California Department of Transportation, April 2020.

Regulatory Background – Noise

The State of California and the City of Santa Clara have established noise criteria, and the California Department of Transportation (Caltrans) have established vibration criteria, that are applicable in this assessment. The State of California Environmental Quality Act (CEQA) Guidelines, Appendix G, are used to assess the potential significance of impacts pursuant to local General Plan policies, Municipal Code standards, or the applicable standards of other agencies. A summary of the applicable regulatory criteria is provided below.

Federal

2018 Federal Transit Administration's Transit Noise and Vibration Impact Assessment Manual. The Federal Transit Administration's (FDA) Transit Noise and Vibration Impact Assessment Manual includes general assessment criteria for construction noise. During daytime hours, the hourly average noise level limit is 90 dBA L_{eq} at residential land uses and 100 dBA L_{eq} at commercial and industrial land uses. Nighttime limits are 80 dBA L_{eq} at residential land uses and 100 dBA L_{eq} at commercial and industrial land uses.

State of California

State CEQA Guidelines. CEQA contains guidelines to evaluate the significance of effects of environmental noise attributable to a proposed project. Under CEQA, noise impacts would be considered significant if the project would result in:

(a) 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;

(b) Generation of excessive groundborne vibration or groundborne noise levels; or

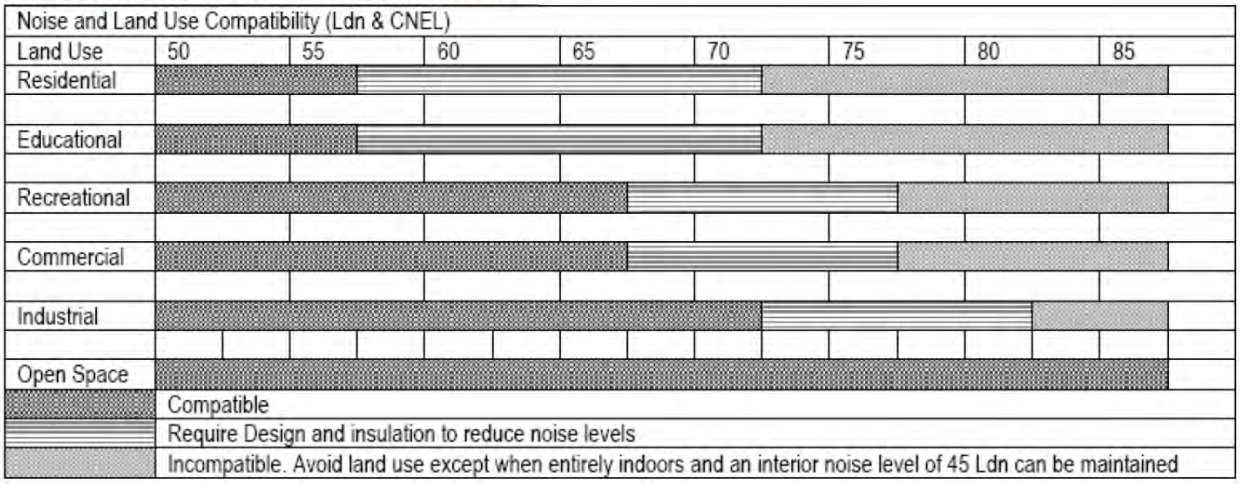
(c) For a project located within the vicinity of a private airstrip or an airport land use plan or where such a plan has not been adopted within two miles of a public airport or public use airport, if the project would expose people residing or working in the project area to excessive noise levels.

2019 California Building Code, Title 24, Part 2. The current version of the California Building Code (CBC) requires interior noise levels in multi-family residential units attributable to exterior environmental noise sources to be limited to a level not exceeding 45 dBA L_{dn}/CNEL in any habitable room.

Local

City of Santa Clara General Plan. The City of Santa Clara's General Plan identifies noise and land use compatibility standards for various land uses and establishes policies to control noise within the community. Table 5.10-2 from the General Plan shows acceptable noise levels for various land uses. Commercial land uses are considered compatible in noise environments of 65 dBA L_{dn}/CNEL or less. The guidelines state that where the exterior noise levels are greater than 65 dBA L_{dn}/CNEL and less than 75 dBA L_{dn}/CNEL, the design of the project should include measures to reduce noise levels to acceptable levels. Noise levels exceeding 75 dBA L_{dn}/CNEL at commercial land uses are considered incompatible.

TABLE 5.10-2: GENERAL PLAN NOISE STANDARDS



Applicable goals and policies presented in the General Plan are as follows:

5.10.6-G1 Noise sources restricted to minimize impacts in the community.

5.10.6-G2 Sensitive uses protected from noise intrusion.

5.10.6-G3 Land use, development and design approvals that take noise levels into consideration.

5.10.6-P1 Review all land use and development proposals for consistency with the General Plan compatibility standards and acceptable noise exposure levels defined on Table 5.10-1.

5.10.6-P2 Incorporate noise attenuation measures for all projects that have noise exposure levels greater than General Plan "normally acceptable" levels, as 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 of Santa Clara Municipal Code. The City's Municipal Code establishes noise level performance standards for fixed sources of noise. Section 9.10.40 of the Municipal Code limits noise levels at commercial office buildings to 65 dBA during daytime hours (7:00 a.m. to 10:00 p.m.) and 60 dBA at night (10:00 p.m. to 7:00 a.m.). The noise limits are not applicable to emergency work, licensed outdoor events, City-owned electric, water, and sewer utility system facilities, construction activities occurring within allowable hours, permitted fireworks displays, or permitted heliports. Construction activities are not permitted within 300 feet of residentially zoned property except within the hours of 7:00 a.m. and 6:00 p.m. on weekdays and 9:00 a.m. and 6:00 p.m. on Saturdays. No construction is permitted on Sundays or holidays.

The City Code does not define the acoustical time descriptor such as L_{eq} (the average noise level) or L_{max} (the maximum instantaneous noise level) that is associated with the above limits. A reasonable interpretation of the City Code would identify the ambient base noise level criteria as an average or median noise level (L_{eq}/L_{50}).

Regulatory Background – Vibration

California Department of Transportation. To avoid damage to buildings, Caltrans recommends that construction vibration levels are limited to 0.5 in/sec PPV for buildings structurally sound and designed to modern engineering standards, to 0.3 in/sec PPV for buildings that are found to be structurally sound but where structural damage is a major concern, and to 0.08 in/sec PPV for ancient buildings or buildings that are documented to be structurally weakened (see Table 3).

Existing Noise Environment

The project site is located northwest of the Civic Center Drive and Lincoln Street intersection in the City of Santa Clara. Currently, a small vacant office building occupies the site. The site is bound by Civic Center Drive to the south, Lincoln Street to the east, single-family residences to the west, and a church to the north. Existing commercial uses and a hotel are located to the south, opposite Civic Center Drive, and the Civic Center buildings are located to the east, opposite Lincoln Street.

The noise environment at the site and in the surrounding areas results primarily from vehicular traffic along Civic Center Drive and Lincoln Street. Nearby El Camino Real and aircraft associated with Mineta San José International Airport affects the noise environment also contribute to the noise environment.

A noise monitoring survey, which included one long-term and two short-term noise measurements, was performed at the site beginning on Wednesday September 29, 2021 and concluding on Friday October 1, 2021. Additionally, a second long-term measurement was made at the project site beginning on Friday November 19, 2021 and concluding on Wednesday November 24, 2021. All measurement locations are shown in Figure 1.

Long-term noise measurement LT-1 was made approximately 30 feet from the centerline of Civic Center Drive and approximately 255 feet from the centerline of Lincoln Street. Hourly average noise levels at LT-1 typically ranged from 51 to 58 dBA L_{eq} during the day and from 45 to 55 dBA L_{eq} at night. The average community noise equivalent level (CNEL) for 24-hour periods occurring between Wednesday September 29, 2021 and Friday October 1, 2021 was 58 dBA CNEL. The daily trends in noise levels at LT-1 are shown in Figures A1 through A3 in the Appendix of this report.

LT-2 was made approximately 40 feet from the centerline of Lincoln Street and approximately 75 feet from the centerline of Civic Center Drive. Hourly average noise levels at LT-2 typically ranged from 55 to 61 dBA L_{eq} during the day and from 48 to 59 dBA L_{eq} at night on weekdays. On weekends, typical hourly average noise levels ranged from 55 to 60 dBA L_{eq} during the day and from 47 to 58 dBA L_{eq} at night. The average CNEL was 62 dBA on weekdays and ranged from 60 to 61 dBA on weekends. The daily trends in noise levels at LT-2 are shown in Figures A4 through A9 in the Appendix of this report.

Both short-term noise measurements were made on Wednesday September 29, 2021 in 10-minute intervals between 11:40 a.m. and 11:50 a.m. ST-1 was made in the northwestern corner of the project site, approximately 245 feet north of the centerline of Civic Center Drive and approximately 285 feet west of the centerline of Lincoln Street. During this measurement, 14 passenger cars drove by along Lincoln Street, generating noise levels at ST-1 ranging from 45 to 50 dBA. Aircraft were observed to produce noise levels of 48 to 55 dBA, as well. Additionally, a nearby neighbor slammed their car door, generating noise levels up to 62 dBA. The 10-minute average noise level at ST-1 was 45 dBA $L_{eq(10\text{-}min)}$.

ST-2 was made along the sidewalk at the backyard equivalent location of 1690 Triton Court, approximately 20 feet from the centerline of Civic Center Drive. Vehicles along Civic Center Drive during this 10-minute period generated noise levels of 48 to 50 dBA, and a noisy scooter generated noise levels up to 61 dBA. The maximum noise level of 74 dBA was due to a barking dog. The 10-minute average noise level at ST-2 was 54 dBA $L_{eq(10\text{-}min)}$.

Table 4 summarizes the results of the 10-minute noise measurements made at ST-1 and ST-2.

TABLE 4 Summary of Short-Term Noise Measurement Data (dBA)

Noise Measurement Location (Date, Time)	**L_{max}**	**$L_{(1)}$**	**$L_{(10)}$**	**$L_{(50)}$**	**$L_{(90)}$**	**$L_{eq(10)}$**
ST-1: northwest corner of project site (9/29/2021, 11:40-11:50 a.m.)	62	54	47	43	42	45
ST-2: backyard equivalent of 1690 Triton Court, ~20 feet from the centerline of Civic Center Drive (9/29/2021, 11:40-11:50 a.m.)	74	67	55	43	40	54

FIGURE 1 Noise Measurement Locations



PLAN CONSISTENCY ANALYSIS

Noise and Land Use Compatibility

Noise levels in outdoor use areas that are affected by transportation noise are required to be maintained at or below 55 dBA CNEL to be considered normally acceptable for residential land uses, according to the City's General Plan. Additionally, residential interior noise levels are required to meet the performance standard of 45 dBA CNEL.

The future noise environment at the project site would continue to be dominated by traffic along Lincoln Street and other local roadways surrounding the site. A traffic study was not completed for the proposed project; however, peak trips were estimated to be 40 during the peak AM hour and 42 during the peak PM hour. Based on the low existing traffic volumes along Civic Center Drive and Lincoln Street, these peak hour trips would result in 1 dBA CNEL increase under project conditions. Additionally, a conservative 1% to 2% increase in traffic volumes each year for the next 20 years was assumed for standard traffic volume increase in a developed area. With the project trips, the total increase by the year 2040 would be about 2 dBA CNEL at the project site.

Future Exterior Noise Environment

The project's site plan shows two outdoor use areas intended for common use: 1) open space with seating located on the ground level adjacent to Lincoln Street; and 2) a level 2 podium courtyard located on the interior of the site.

The open space would have direct line-of-sight to traffic noise along Lincoln Street, and the center of this open space would be set back approximately 85 feet from the centerline of the roadway. Due to the angle of the proposed buildings, the center of the open space would be partially shielded by the building façades. The future exterior noise levels at the center of the open court would be 60 dBA CNEL, which would exceed the City's 55 dBA CNEL threshold for residential land uses by 5 dBA.

The podium courtyard located on level 2 would receive partial shielding from the north and south sections of the residential building, the upper-floor walkways connecting the two building sections, and the elevation of the courtyard above the ground. The center of the courtyard would be approximately 215 feet from the center of Lincoln Street. At this distance and assuming partial shielding, future exterior noise levels would be below 55 dBA CNEL.

While the common outdoor use area facing Lincoln Street would exceed the City's exterior noise limits for residential uses, the purpose of this outdoor area is to be an open seating area. The incorporation of a barrier fence or sound wall would obscure the view of this open area and diminish the aesthetic appeal. Further, the future exterior noise levels at the open space would fall within the City's conditionally acceptable threshold. Since the podium courtyard falls within the City's normally acceptable threshold and the open space falls within the conditionally acceptable threshold, no additional measures are recommended to reduce future exterior noise levels at the open space, assuming conditionally acceptable approval is obtained from the City of Santa Clara.

Future Interior Noise Environment

Standard residential construction provides approximately 15 dBA of exterior-to-interior noise reduction, assuming the windows are partially open for ventilation. Standard construction with the windows closed provides approximately 20 to 25 dBA of noise reduction in interior spaces. Where exterior noise levels range from 60 to 65 dBA CNEL, the inclusion of adequate forced-air mechanical ventilation is often the method selected to reduce interior noise levels to acceptable levels by closing the windows to control noise. Where noise levels exceed 65 dBA CNEL, forced-air mechanical ventilation systems and sound-rated construction methods are normally required. Such methods or materials may include a combination of smaller window and door sizes as a percentage of the total building façade facing the noise source, sound-rated windows and doors, sound rated exterior wall assemblies, and mechanical ventilation so windows may be kept closed at the occupant's discretion.

Residential units located along the eastern building façades would be set back approximately 60 to 105 feet from the centerline of Lincoln Street. At these distances, the units with direct line-of-sight to Lincoln Street would be exposed to future exterior noise levels up to 62 dBA CNEL. Assuming windows to be partially open, future interior noise levels in these units would be up to 47 dBA CNEL.

Units along the southern façade of the southern building would have direct line-of-sight to Civic Center Drive, with setbacks of approximately 50 feet from the centerline. At this distance, the units facing Civic Center Drive would be exposed to future exterior noise levels would of up to 57 dBA CNEL. Assuming windows to be partially open, future interior noise levels in these units would of 42 dBA CNEL.

To meet the interior noise requirements set forth by the State of California of 45 dBA CNEL, standard construction materials would be sufficient with the incorporation of forced-air mechanical ventilation, as determined by the local building official. This would allow occupants on the project site to keep windows closed to control interior noise and achieve the interior noise standards.

NOISE IMPACTS AND MITIGATION MEASURES

Significance Criteria

The following criteria were used to evaluate the significance of environmental noise resulting from the project:

- A significant noise impact would be identified if the project would generate a substantial temporary or permanent noise level increase over ambient noise levels at existing noise-sensitive receptors surrounding the project site and that would exceed applicable noise standards presented in the General Plan or Municipal Code at existing noise-sensitive receptors surrounding the project site.

- Hourly average noise levels during construction that would exceed 90 dBA L_{eq} at residential land uses or exceed 100 dBA L_{eq} at commercial land uses would constitute a significant temporary noise increase in the project vicinity.

- A significant permanent noise level increase would occur if project-generated traffic generated by the project or project improvements/operations would substantially increase noise levels at sensitive receivers in the vicinity. A substantial increase would occur if: a) the noise level increase is 5 dBA CNEL or greater, with a future noise level of less than the "normally acceptable" standard, or b) the noise level increase is 3 dBA CNEL or greater, with a future noise level equal to or greater than the "normally acceptable" standard.

- A significant noise impact would be identified if the project would expose persons to or generate noise levels that would exceed applicable noise standards presented in the General Plan or Municipal Code.

- A significant impact would be identified if the construction of the project would generate excessive vibration levels surrounding receptors. Groundborne vibration levels exceeding 0.3 in/sec PPV would have the potential to result in cosmetic damage to normal buildings.

- A significant noise impact would be identified if the project would expose people residing or working in the project area to excessive aircraft noise levels.

Impact 1a: **Temporary Construction Noise.** Existing noise-sensitive land uses would be exposed to a temporary increase in ambient noise levels due to project construction activities. The incorporation of construction best management practices as project conditions of approval would result in a **less-than-significant** temporary noise impact.

Noise impacts resulting from construction depend upon the noise generated by various pieces of construction equipment, the timing and duration of noise-generating activities, and the distance between construction noise sources and noise-sensitive areas. Construction noise impacts primarily result when construction activities occur during noise-sensitive times of the day (e.g., early morning, evening, or nighttime hours), the construction occurs in areas immediately adjoining noise-sensitive land uses, or when construction lasts over extended periods of time.

The City's Municipal Code limits construction activities (including the loading and unloading of materials and truck movements) within 300 feet of residentially zoned property to the hours of 7:00 a.m. to 6:00 p.m. on weekdays and between the hours of 9:00 a.m. and 6:00 p.m. on Saturdays. No construction is permitted on Sundays or holidays.

While noise thresholds for temporary construction are not provided in the City's General Plan or Municipal Code, the Federal Transit Administration (FDA) includes daytime construction noise limits in the *Transit Noise and Vibration Impact Assessment Manual* from 2018.[1] During daytime

[1] Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual*, FTA Report No. 0123, September 2018.

hours, an exterior threshold of 90 dBA L_{eq} shall be enforced at residential land uses and 100 dBA L_{eq} at commercial and industrial land uses. Therefore, the temporary construction noise impact would be considered significant if project construction activities produced noise levels exceeding 90 dBA L_{eq} at residential land uses or 100 dBA L_{eq} at commercial land uses surrounding the site.

Construction activities generate considerable amounts of noise, especially during earth-moving activities when heavy equipment is used. The typical range of maximum instantaneous noise levels for the proposed project would be 70 to 90 dBA L_{max} at a distance of 50 feet (see Table 5). Table 6 shows typical hourly average construction-generated noise levels measured at a distance of 50 feet from the center of the site during busy construction periods (e.g., earth moving equipment, impact tools, etc.). As shown in Table 6, typical residential buildings generate construction noise levels ranging from 72 to 88 dBA L_{eq} at a distance of 50 feet from the center of the active site. Construction-generated noise levels drop off at a rate of about 6 dBA per doubling of the distance between the source and receptor. Shielding by buildings or terrain often result in lower construction noise levels at distant receptors; however, for purposes of assessing a worst-case scenario, construction noise levels in this report are estimated assuming no attenuation due to intervening buildings or structures.

Construction for the proposed project is expected to last for approximately 17 months. Construction activities for the proposed project would be completed in phases. During each phase of construction, there would be a different mix of equipment operating, and noise levels would vary by phase and vary within phases, based on the amount of equipment in operation and the location at which the equipment is operating. Equipment expected to be used in each construction phase are summarized in Table 7, along with the quantity of each piece of equipment, the duration of each phase, and the estimated noise levels projected from the center of the project site to the property lines of the surrounding land uses. For the purposes of assuming worst-case conditions, all pieces of equipment shown per phase are assumed to be operating simultaneously. The range of levels shown for various phases represents noise levels for that individual phase and noise levels during the overlapping periods with other phases.

FHWA's Roadway Construction Noise Model (RCNM) was used to calculate the hourly average noise levels for each phase of construction, assuming every piece of equipment would operate simultaneously, which would represent the worst-case scenario. Based on the hourly average noise levels calculated with RCNM, construction noise levels for each construction phase were propagated from the center of the project site, which represents the geometrical center of the active construction site, to the property lines of the receiving land uses surrounding the site.

TABLE 5 Construction Equipment, 50-foot Noise Emission Limits

Equipment Category	L_{max} Level (dBA)[1,2]	Impact/Continuous
Arc Welder	73	Continuous
Auger Drill Rig	85	Continuous
Backhoe	80	Continuous
Bar Bender	80	Continuous
Boring Jack Power Unit	80	Continuous
Chain Saw	85	Continuous
Compressor[3]	70	Continuous
Compressor (other)	80	Continuous
Concrete Mixer	85	Continuous
Concrete Pump	82	Continuous
Concrete Saw	90	Continuous
Concrete Vibrator	80	Continuous
Crane	85	Continuous
Dozer	85	Continuous
Excavator	85	Continuous
Front End Loader	80	Continuous
Generator	82	Continuous
Generator (25 KVA or less)	70	Continuous
Gradall	85	Continuous
Grader	85	Continuous
Grinder Saw	85	Continuous
Horizontal Boring Hydro Jack	80	Continuous
Hydra Break Ram	90	Impact
Impact Pile Driver	105	Impact
Insitu Soil Sampling Rig	84	Continuous
Jackhammer	85	Impact
Mounted Impact Hammer (hoe ram)	90	Impact
Paver	85	Continuous
Pneumatic Tools	85	Continuous
Pumps	77	Continuous
Rock Drill	85	Continuous
Scraper	85	Continuous
Slurry Trenching Machine	82	Continuous
Soil Mix Drill Rig	80	Continuous
Street Sweeper	80	Continuous
Tractor	84	Continuous
Truck (dump, delivery)	84	Continuous
Vacuum Excavator Truck (vac-truck)	85	Continuous
Vibratory Compactor	80	Continuous
Vibratory Pile Driver	95	Continuous
All other equipment with engines larger than 5 HP	85	Continuous

Notes: [1] Measured at 50 feet from the construction equipment, with a "slow" (1 sec.) time constant.

[2] Noise limits apply to total noise emitted from equipment and associated components operating at full power while engaged in its intended operation.

[3]Portable Air Compressor rated at 75 cfm or greater and that operates at greater than 50 psi.

TABLE 6 Typical Ranges of Construction Noise Levels at 50 Feet, L_{eq} (dBA)

	Domestic Housing		Office Building, Hotel, Hospital, School, Public Works		Industrial Parking Garage, Religious Amusement & Recreations, Store, Service Station		Public Works Roads & Highways, Sewers, and Trenches	
	I	II	I	II	I	II	I	II
Ground Clearing	83	83	84	84	84	83	84	84
Excavation	88	75	89	79	89	71	88	78
Foundations	81	81	78	78	77	77	88	88
Erection	81	65	87	75	84	72	79	78
Finishing	88	72	89	75	89	74	84	84

I – All pertinent equipment present at site.
II – Minimum required equipment present at site.

Source: U.S.E.P.A., Legal Compilation on Noise, Vol. 1, p. 2-104, 1973.

TABLE 7 Estimated Construction Noise Levels at Nearby Land Uses

Phase	Phase Duration	Construction Equipment (Quantity)	Calculated Hourly Average L_{eq} at Noise-Sensitive Receptors, dBA			
			West Residences (130 feet)	North Church (110 feet)	South Hotel & Commercial (180 feet)	East Civic Buildings (230 feet)
Demolition	9/1/2023-10/1/2023	Concrete/Industrial Saw (1) Excavator (2) Rubber-Tired Dozer (1) Tractor/Loader/Backhoe (1)	78 dBA L_{eq}	80 dBA L_{eq}	75 dBA L_{eq}	73 dBA L_{eq}
Site Preparation	10/1/2023-11/1/2023	Grader (1) Rubber-Tired Dozer (1) Tractor/Loader/Backhoe (1)	76 dBA L_{eq}	78 dBA L_{eq}	73 dBA L_{eq}	71 dBA L_{eq}
Grading/ Excavation	11/1/2023-12/1/2023	Excavator (2) Grader (2) Rubber-Tired Dozer (1) Tractor/Loader/Backhoe (1)	79 dBA L_{eq}	80 dBA L_{eq}	76 dBA L_{eq}	74 dBA L_{eq}
Trenching/ Foundation	12/1/2023-1/1/2024	Tractor/Loader/Backhoe (1) Excavator (1)	73 dBA L_{eq}	75 dBA L_{eq}	71 dBA L_{eq}	68 dBA L_{eq}
Building Exterior	1/1/2024-8/1/2024	Crane (1) Forklift (2) Generator Set (1) Welder (1)	72 dBA L_{eq}	73 dBA L_{eq}	69 dBA L_{eq}	67 dBA L_{eq}
Building Interior/ Architectural Coating	8/11/2024-1/11/2025	Aerial Lift (2)	62 dBA L_{eq}	64 dBA L_{eq}	60 dBA L_{eq}	58 dBA L_{eq}
Paving	1/11/2025-2/1/2025	Paver (1) Paving Equipment (1) Roller (1)	75 dBA L_{eq}	77 dBA L_{eq}	72 dBA L_{eq}	70 dBA L_{eq}

The predicted construction noise levels in Table 7 indicate that project construction would not generate noise levels exceeding 90 dBA L_{eq} at the nearby residential uses or 100 dBA L_{eq} at the nearby commercial uses. Therefore, extended exposure to excessive construction noise at the nearest noise-sensitive receptors would be less-than-significant.

Reasonable regulation of the hours of construction, as well as regulation of the arrival and operation of heavy equipment and the delivery of construction material, are necessary to protect the health and safety of persons, promote the general welfare of the community, and maintain the quality of life. The construction crew shall adhere to the following construction best management practices to reduce construction noise levels emanating from the site and minimize disruption and annoyance at existing noise-sensitive receptors in the project vicinity. The incorporation of construction best management practices as project conditions of approval would result in a less-than-significant temporary noise impact.

Construction Best Management Practices

Develop a construction noise control plan, including, but not limited to, the following available controls:

- Ensure that excavating, grading and filling activities, and other construction activities (including the loading and unloading of materials and truck movements) within 300 feet of residentially zoned property, including hotel properties, are limited to the hours of 7:00 a.m. to 6:00 p.m. on weekdays and between the hours of 9:00 a.m. and 6:00 p.m. on Saturdays. No construction is permitted on Sundays or holidays.

- Construct temporary noise barriers, where feasible, to screen stationary noise-generating equipment. Temporary noise barrier fences would provide a 5 dBA noise reduction if the noise barrier interrupts the line-of-sight between the noise source and receptor and if the barrier is constructed in a manner that eliminates any cracks or gaps.

- Equip all internal combustion engine-driven equipment with intake and exhaust mufflers that are in good condition and appropriate for the equipment.

- Unnecessary idling of internal combustion engines should be strictly prohibited.

- Locate stationary noise-generating equipment, such as air compressors or portable power generators, as far as possible from sensitive receptors as feasible. If they must be located near receptors, adequate muffling (with enclosures where feasible and appropriate) shall be used to reduce noise levels at the adjacent sensitive receptors. Any enclosure openings or venting shall face away from sensitive receptors.

- Utilize "quiet" air compressors and other stationary noise sources where technology exists.

- Construction staging areas shall be established at locations that will create the greatest distance between the construction-related noise sources and noise-sensitive receptors nearest the project site during all project construction.

- Locate material stockpiles, as well as maintenance/equipment staging and parking areas, as far as feasible from residential receptors.

- Route construction-related traffic along major roadways and as far as feasible from sensitive receptors.

- Control noise from construction workers' radios to a point where they are not audible at existing residences bordering the project site.

- The contractor shall prepare a detailed construction schedule for major noise-generating construction activities. The construction plan shall identify a procedure for coordination with adjacent residential land uses so that construction activities can be scheduled to minimize noise disturbance.

- Designate a "disturbance coordinator" who would be responsible for responding to any complaints about construction noise. The disturbance coordinator will determine the cause of the noise complaint (e.g., bad muffler, etc.) and will require that reasonable measures be implemented to correct the problem. Conspicuously post a telephone number for the disturbance coordinator at the construction site and include in it the notice sent to neighbors regarding the construction schedule.

Implementation of the above measures would reduce construction noise levels emanating from the site, limit construction hours, and minimize disruption and annoyance. With the implementation of these measures as project conditions of approval and recognizing that noise generated by construction activities would occur over a temporary period, the temporary increase in ambient noise levels would result in a less-than-significant impact.

Mitigation Measure 1a: No further mitigation necessary.

Impact 1b: Permanent Noise Level Increase. The proposed project would not result in a substantial permanent noise level increase due to project-generated traffic at the existing noise-sensitive land uses in the project vicinity. **This is a less-than-significant impact.**

A significant impact would occur if the permanent noise level increase due to project-generated traffic was 3 dBA CNEL or greater for future ambient noise levels exceeding 60 dBA CNEL or was 5 dBA CNEL or greater for future ambient noise levels at or below 60 dBA CNEL. Existing ambient measurements made in the project site vicinity indicate that existing and future ambient noise levels at the noise-sensitive receptors in the project site vicinity would result in noise levels over 60 dBA CNEL. Therefore, a significant impact would occur if project-generated traffic increased levels by 3 dBA CNEL or more. For reference, a 3 dBA CNEL noise increase would be expected if the project would double existing traffic volumes along a roadway.

A traffic study was not required for the proposed project; however, peak hour trips were estimated to be 40 during the peak AM hour and 42 during the peak PM hour. Compared to the existing volumes along the surrounding roadways, these peak hour trips would result in a 1 dBA CNEL

increase under project conditions.[2] Therefore, the project-generated traffic would not cause a substantial permanent noise increase at the surrounding noise-sensitive receptors. This impact is a less-than-significant impact.

Mitigation Measure 1b: None required.

Impact 1c: Noise Levels in Excess of Standards. The proposed project is not expected to exceed the City's residential or commercial noise thresholds at the existing land uses surrounding the project site. **This is a less-than-significant impact.**

Under the City of Santa Clara Municipal Code, noise generated by fixed sources of noise would be restricted to 55 dBA during daytime hours (7:00 a.m. to 10:00 p.m.) and to 50 dBA during nighttime hours (10:00 p.m. to 7:00 a.m.) at residentially zoned land uses. At existing commercial land uses, noise would be restricted to 65 dBA during daytime hours and to 60 dBA during nighttime hours.

The roof plan for the proposed building shows solar thermal arrays and photovoltaic arrays, which would not generate measurable noise levels at the property lines of the project site. While the site plan also shows a heat room on the ground floor, which would likely house heating pumps for the building, heating, ventilation, and air conditioning systems (HVAC units) are not shown on the site plan. However, these types of units were recommended to reduce noise levels at residential interiors by closing the windows; therefore, these units are studied here as potential noise-generating equipment. Assuming worst-case conditions, the HVAC units are assumed to be located on the rooftop, a minimum of 10 feet from the roof's edge.

Typical noise levels produced by residential HVAC units would range from 53 to 63 dBA at 3 feet during operation. These types of units typically cycle on and off continuously during daytime and nighttime hours. Therefore, multiple units clustered in the same general vicinity are usually operating simultaneously at any given time. Assuming up to eight units would operate simultaneously at any given time, the estimated combined noise level at 3 feet would be up to 72 dBA.

The property line of the nearest single-family residences would be approximately 85 feet from the nearest rooftop equipment. At this distance, the worst-case combined noise levels would be up to 43 dBA. The property line of the church to the north would be approximately 35 feet from the nearest rooftop equipment, and at this distance, the worst-case combined noise levels would be up to 51 dBA. While this is a sensitive use, the church would not have occupants during nighttime hours; therefore, this would be considered a less-than-significant impact. All other uses would be 100 feet or more from the rooftop equipment and would not be subject to operational noise levels exceeding the City's Municipal Code noise standards. This is a less-than-significant impact.

Additionally, the site plan shows a transformer pad at the rear of the building on the ground level. Typically, transformers up to 1,000 kVA generate noise levels up to 64 dB, as measured at 1 meter (3.28 feet). This would represent the worst-case scenario for a building of this size. The nearest receiving residential property line would be approximately 60 feet to the west of the transformer pad.

[2] Illingworth & Rodkin, Inc., "Santa Clara Mixed-Use Project Environmental Noise Assessment," August 5, 2016.

At this distance, transformer noise levels would be up to 38 dBA, which would meet the City's thresholds during daytime and nighttime hours. The nearest commercial property line would be approximately 110 feet south of the transformer pad. At this distance, noise levels generated by the transformer would be up to 33 dBA, which would satisfy the City standards. This would be a less-than-significant impact.

Mitigation Measure 1c: None required.

Impact 2: Exposure to Excessive Groundborne Vibration due to Construction. Construction-related vibration levels resulting from activities at the project site would potentially exceed 0.3 in/sec PPV at the existing structures to the west and to the north the project site. **This is a potentially significant impact.**

The construction of the project may generate vibration when heavy equipment or impact tools (e.g., jackhammers, hoe rams) are used. Construction activities would include grading, foundation work, paving, and new building framing and finishing. According to the equipment list provided at the time of this study, impact or vibratory pile driving activities, which can cause excessive vibration, are not expected for the proposed project.

For structural damage, the California Department of Transportation recommends a vibration limit of 0.5 in/sec PPV for buildings structurally sound and designed to modern engineering standards, 0.3 in/sec PPV for buildings that are found to be structurally sound but where structural damage is a major concern, and a conservative limit of 0.08 in/sec PPV for ancient buildings or buildings that are documented to be structurally weakened. No known ancient buildings or buildings that are documented to be structurally weakened adjoin the project area. Therefore, conservatively, groundborne vibration levels exceeding 0.3 in/sec PPV would have the potential to result in a significant vibration impact.

Table 8 presents typical vibration levels that could be expected from construction equipment, as measured at a distance of 25 feet. Project construction activities, such as drilling, the use of jackhammers, rock drills and other high-power or vibratory tools, and rolling stock equipment (tracked vehicles, compactors, etc.), may generate substantial vibration in the immediate vicinity. Jackhammers typically generate vibration levels of 0.035 in/sec PPV, and drilling typically generates vibration levels of 0.09 in/sec PPV at a distance of 25 feet. Vibration levels would vary depending on soil conditions, construction methods, and equipment used.

Table 8 also summarizes the estimated vibration levels at the nearest existing buildings surrounding the project site. Construction vibration levels would depend on the specific location of individual pieces of equipment. That is, equipment scattered throughout the site would not generate a collective vibration level, but a vibratory roller, for instance, operating near the project site boundary would generate the worst-case vibration levels for the receptor sharing that property line. Further, construction vibration impacts are assessed based on the potential for damage to buildings on receiving land uses, not at receptors at the nearest property lines. Therefore, the distances used to propagate construction vibration levels (as shown in Table 8), which are different than the distances used to propagate construction noise levels (as shown in Table 7), were

estimated under the assumption that each piece of equipment was operating along the nearest boundary of the project site, which would represent the worst-case scenario.

As shown in Table 8, vibration levels could potentially exceed the conservative 0.3 in/sec PPV at the residences to the west of the site and at the nearest church building to the north of the site.

A study completed by the US Bureau of Mines analyzed the effects of blast-induced vibration on buildings in USBM RI 8507.[3] The findings of this study have been applied to buildings affected by construction-generated vibrations.[4] As reported in USBM RI 8507[3] and reproduced by Dowding,[4] Figure 3 presents the damage probability, in terms of "threshold damage," "minor damage," and "major damage," at varying vibration levels. Threshold damage, which is described as cosmetic damage in this report, would entail hairline cracking in plaster, the opening of old cracks, the loosening of paint or the dislodging of loose objects. Minor damage would include hairline cracking in masonry or the loosening of plaster, and major structural damage would include wide cracking or shifting of foundation or bearing walls. As shown in Figure 3, maximum vibration levels of 0.6 in/sec PPV would result in a less than 8% chance of threshold damage or cosmetic damage, while no minor or major damage would be expected.

Typical construction equipment, as shown in Table 8, would have the potential to produce vibration levels of 0.3 in/sec PPV or more at the nearest buildings adjoining the site. While no minor or major damage would occur at these conventional buildings, there is the potential to generate threshold or cosmetic damage at the surrounding buildings. This is a significant impact.

At these locations, and in other surrounding areas within 200 feet, vibration levels would potentially be perceptible. By use of administrative controls, such as notifying neighbors 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 kept to a minimum.

Mitigation Measure 2:

The following measures are recommended to reduce vibration impacts from construction activities to a less-than-significant level:

- Limit vibration-inducing equipment to the extent feasible.
- Where possible, use of the heavy vibration-generating construction equipment shall be prohibited within 20 feet of the adjacent building to the east and to the north.
- Use a smaller vibratory roller, such as the Caterpillar model CP433E vibratory compactor, when compacting materials within 20 feet of adjacent structures.

[3] Siskind, D.E., M.S. Stagg, J.W. Kopp, and C.H. Dowding, Structure Response and Damage Produced by Ground Vibration form Surface Mine Blasting, RI 8507, Bureau of Mines Report of Investigations, U.S. Department of the Interior Bureau of Mines, Washington, D.C., 1980.
[4] Dowding, C.H., Construction Vibrations, Prentice Hall, Upper Saddle River, 1996.

- Modify/design or identify alternative construction methods to reduce vibration levels below the limits.

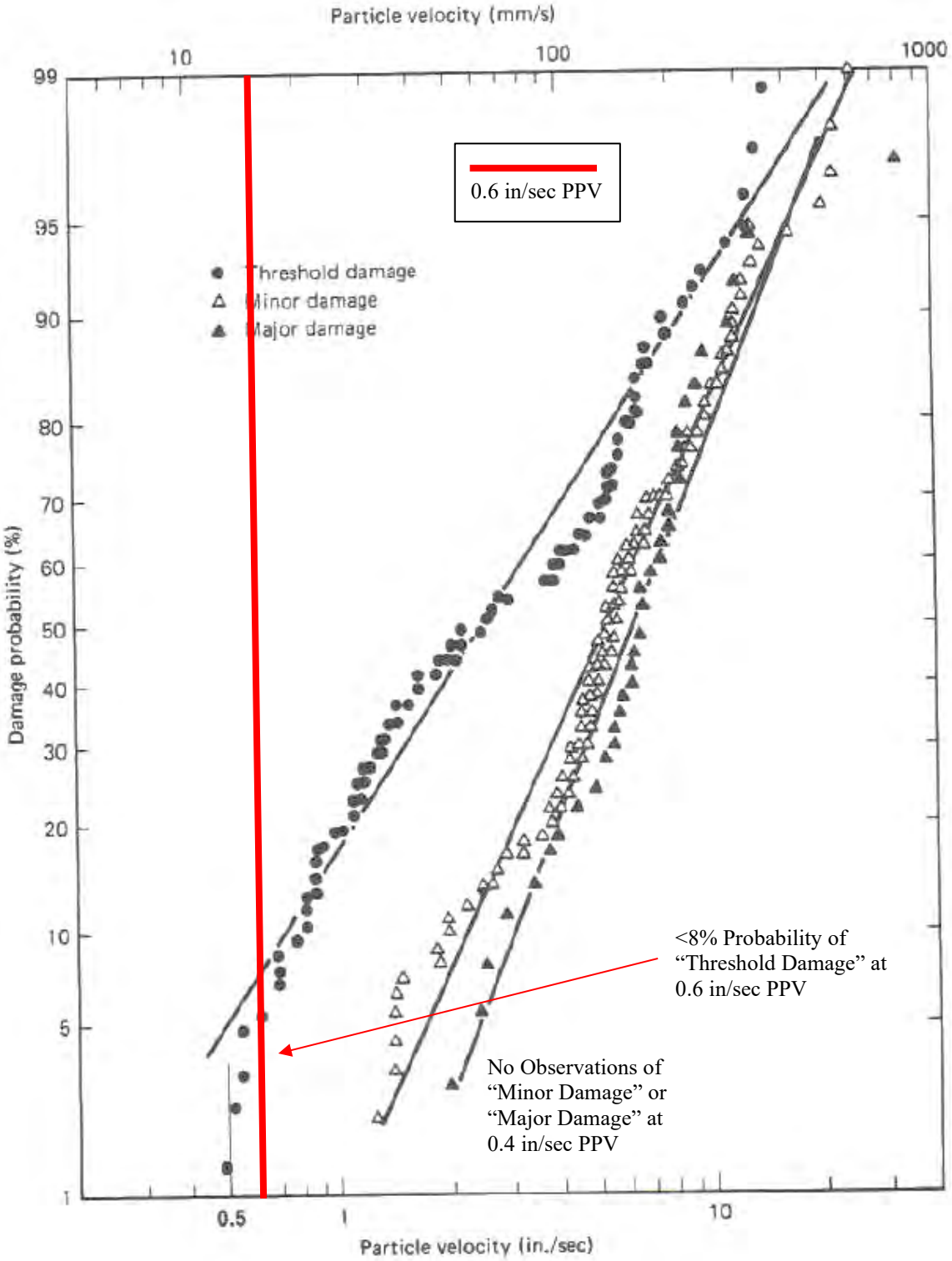
- Alternative methods for breaking up existing pavement, such as a pavement grinder, shall be used instead of dropping heavy objects, within 20 feet of adjacent buildings.

TABLE 8 Vibration Source Levels for Construction Equipment

Equipment		PPV at 25 ft. (in/sec)	Estimated Vibration Levels at Structures Surrounding the Project Site, in/sec PPV				
			East Residences (10 feet)	North Church (10 feet)	South Commercial (80 feet)	South Hotel (65 feet)	East Civic Buildings (125 feet)
Clam shovel drop		0.202	**0.553**	**0.553**	0.056	0.071	0.034
Hydromill (slurry wall)	in soil	0.008	0.022	0.022	0.002	0.003	0.001
	in rock	0.017	0.047	0.047	0.005	0.006	0.003
Vibratory Roller		0.210	**0.575**	**0.575**	0.058	0.073	0.036
Hoe Ram		0.089	0.244	0.244	0.025	0.031	0.015
Large bulldozer		0.089	0.244	0.244	0. 025	0.031	0.015
Caisson drilling		0.089	0.244	0.244	0.025	0.031	0.015
Loaded trucks		0.076	0.208	0.208	0.021	0.027	0.013
Jackhammer		0.035	0.096	0.096	0.010	0.012	0.006
Small bulldozer		0.003	0.008	0.008	0.001	0.001	0.001

Source: Transit Noise and Vibration Impact Assessment Manual, Federal Transit Administration, Office of Planning and Environment, U.S. Department of Transportation, September 2018, as modified by Illingworth & Rodkin, Inc., November 2021.

FIGURE 3 Probability of Cracking and Fatigue from Repetitive Loading



Source: Dowding, C.H., Construction Vibrations, Prentice Hall, Upper Saddle River, 1996, as modified by Illingworth & Rodkin, Inc., November 2021.

Impact 3: **Excessive Aircraft Noise.** The project site is located more than two miles from a public airport or public use airport, and the proposed project would not expose people residing or working in the area to excessive aircraft noise levels. **This is a less-than-significant impact.**

Norman Y. Mineta San José International Airport is a public-use airport located approximately 1.3 miles northeast of the project site. According to the new Airport Master Plan Environmental Impact Report,[5] the project site lies well outside the 60 dBA CNEL contour line (see Figure 4). Aircraft noise would result in exterior noise levels below the City's requirements for residential land uses. Therefore, the proposed project would be compatible with the City's exterior noise standards for aircraft noise.

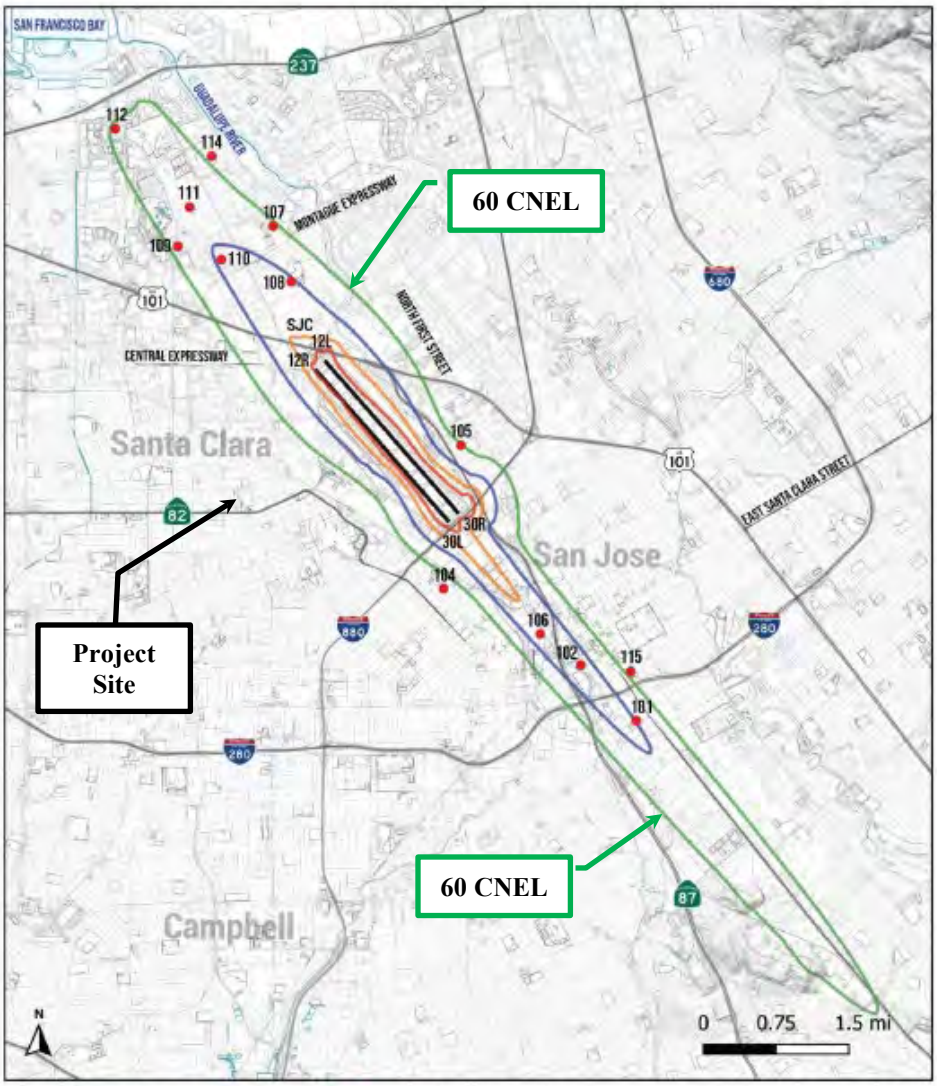
Mitigation Measure 3: **None required.**

[5] David J. Powers & Associates, Inc., Integrated Final Environmental Impact Report, Amendment to Norman Y. Mineta San Jose International Airport Master Plan, April 2020.

FIGURE 4 2037 CNEL Noise Contours for SJIA Relative to Project Site

Figure 5
Scenario 2: With Project 2037 Noise Contour Map

SAN JOSE INTERNATIONAL AIRPORT | Environmental Impact Report FINAL | October 2019



NORMAN Y. MINETA SAN JOSE INTERNATIONAL AIRPORT

- Noise Monitoring Station
- 101 Site ID
- Runway
- 75 dBA and Greater CNEL Contour
- 70 dBA and Greater CNEL Contour
- 65 dBA and Greater CNEL Contour
- 60 dBA and Greater CNEL Contour

Figure 5 Scenario 2: With Project 2037 Noise Contour Map

Source: BridgeNet International 2019

Cumulative Impacts

Cumulative noise impacts would include either cumulative traffic noise increases under future conditions or temporary construction noise from cumulative construction projects.

A significant cumulative traffic noise increase would occur if two criteria are met: 1) if the cumulative traffic noise level increase was 3 dBA CNEL or greater for future levels exceeding 60 dBA CNEL or was 5 dBA CNEL or greater for future levels at or below 60 dBA CNEL; and 2) if the project would make a "cumulatively considerable" contribution to the overall traffic noise increase. A "cumulatively considerable" contribution would be defined as an increase of 1 dBA CNEL or more attributable solely to the proposed project.

A traffic study was not required for this project; therefore, the project would not be expected to result in a cumulatively considerable contribution along any roadway segments with noise-sensitive receptors. Therefore, the project would not result in a cumulative noise increase due to traffic.

APPENDIX

FIGURE A1 Daily Trend in Noise Levels at LT-1, Wednesday, September 29, 2021

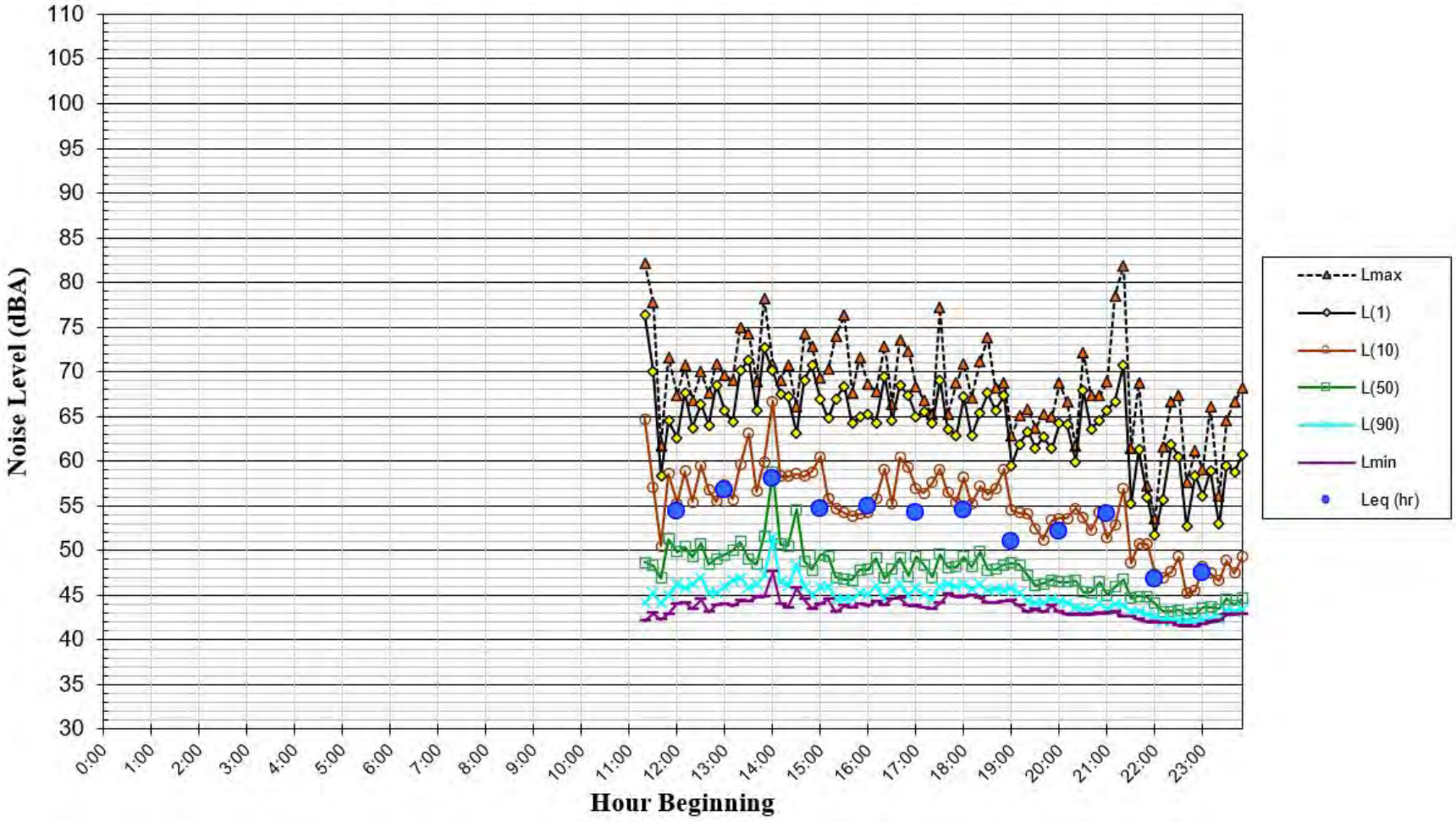


FIGURE A2 Daily Trend in Noise Levels at LT-1, Thursday, September 30, 2021

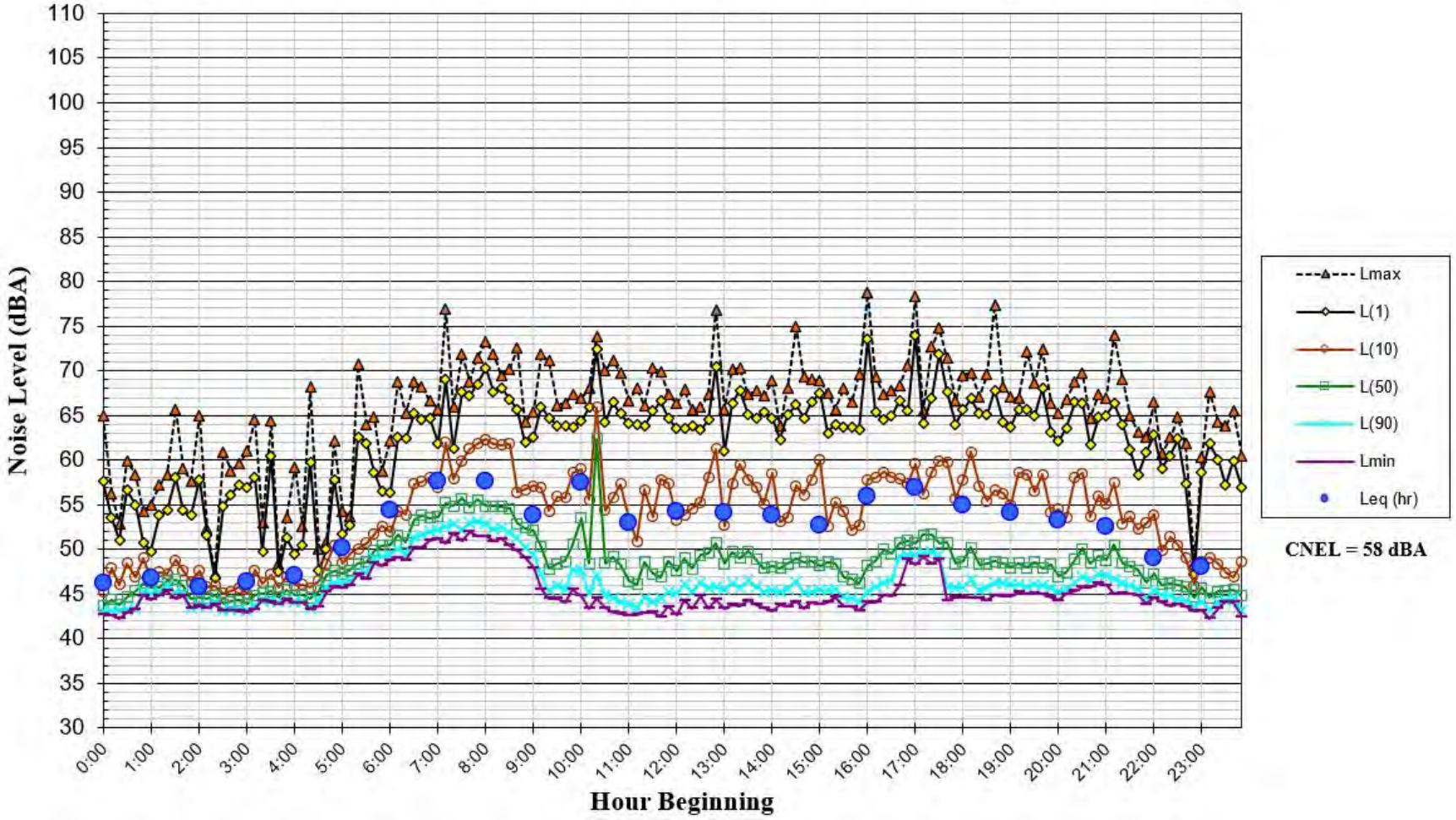


FIGURE A3 Daily Trend in Noise Levels at LT-1, Friday, October 1, 2021

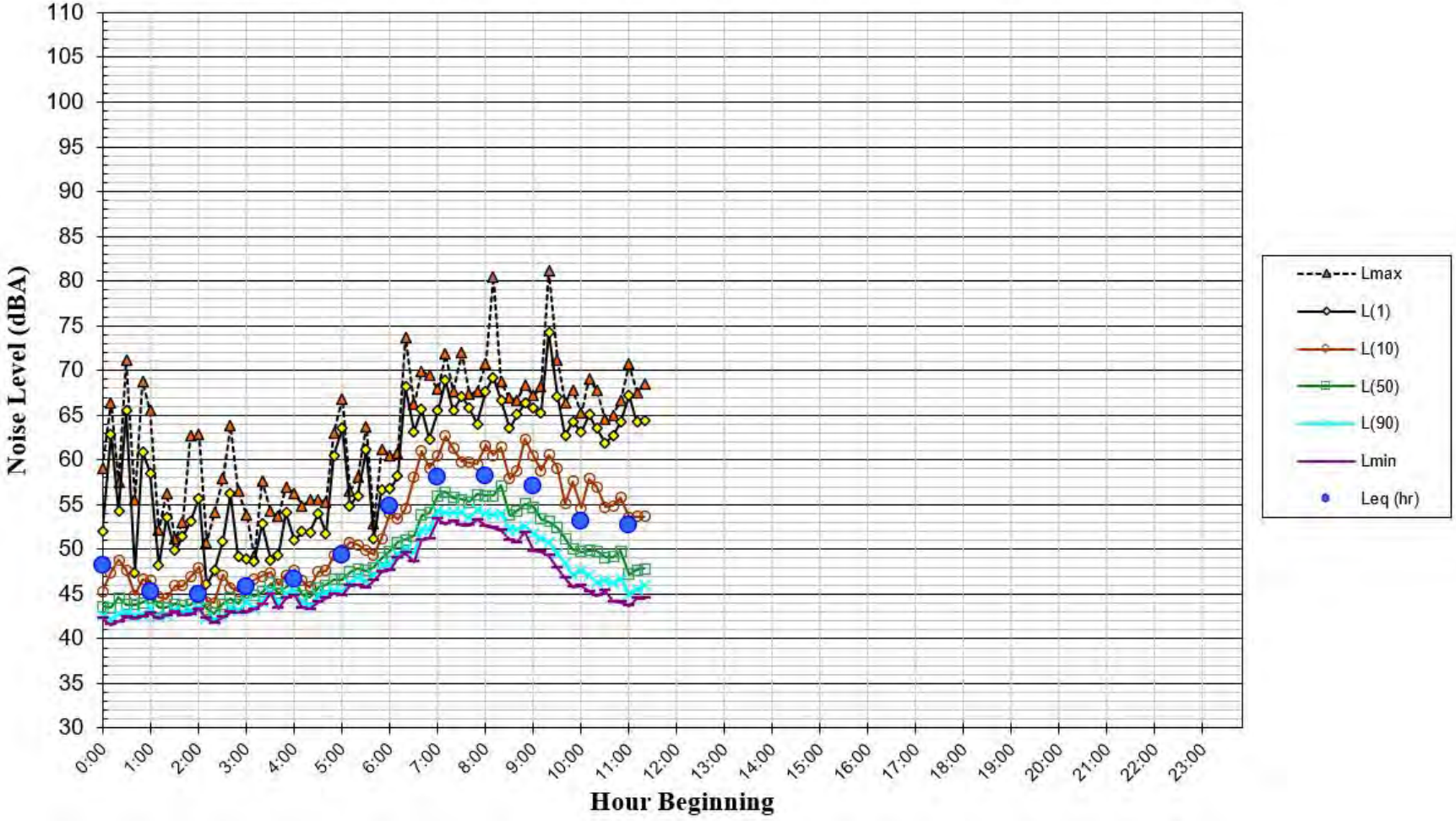


FIGURE A4 Daily Trend in Noise Levels at LT-2, Friday, November 19, 2021

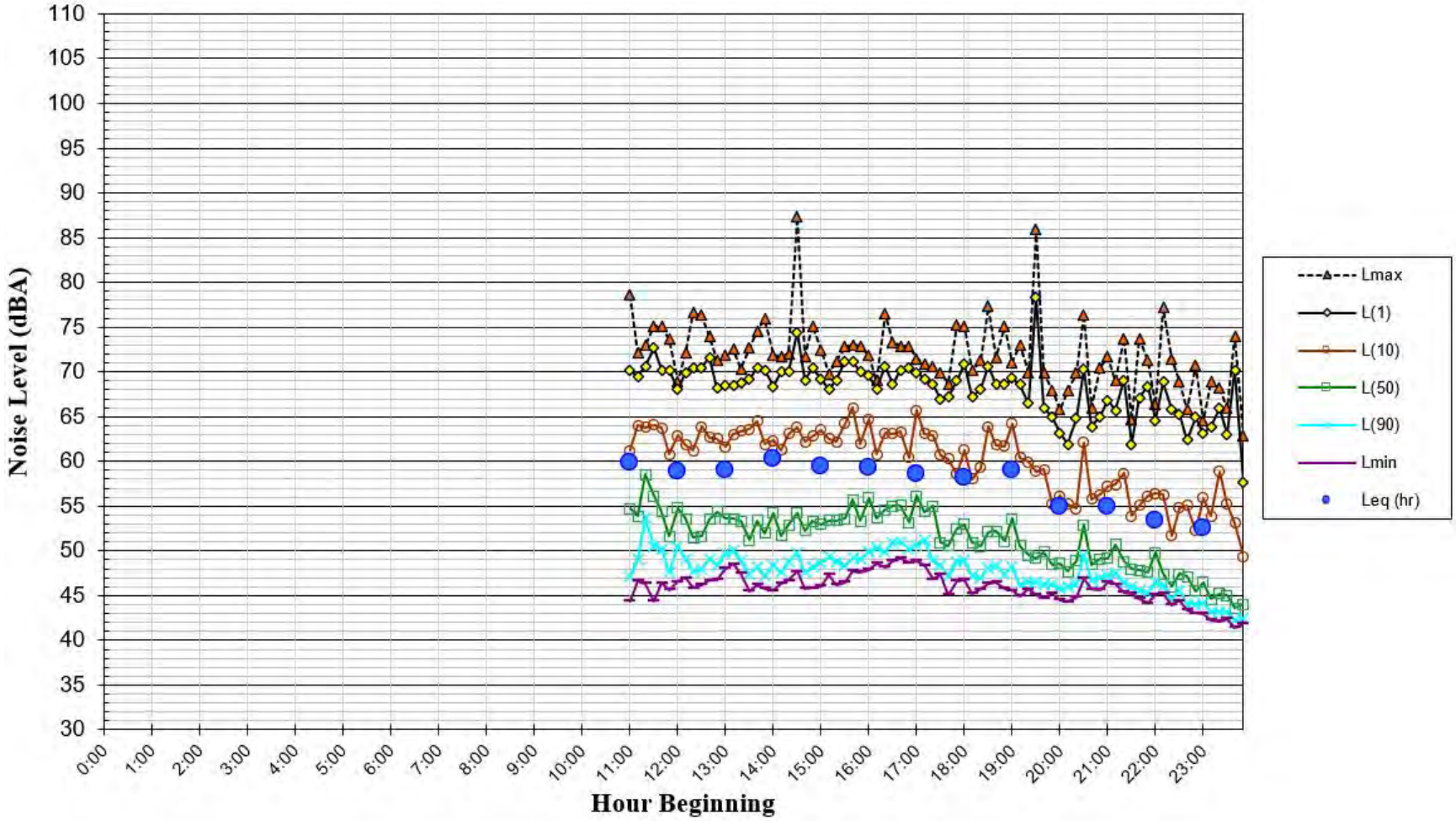


FIGURE A5 Daily Trend in Noise Levels at LT-2, Saturday, November 20, 2021

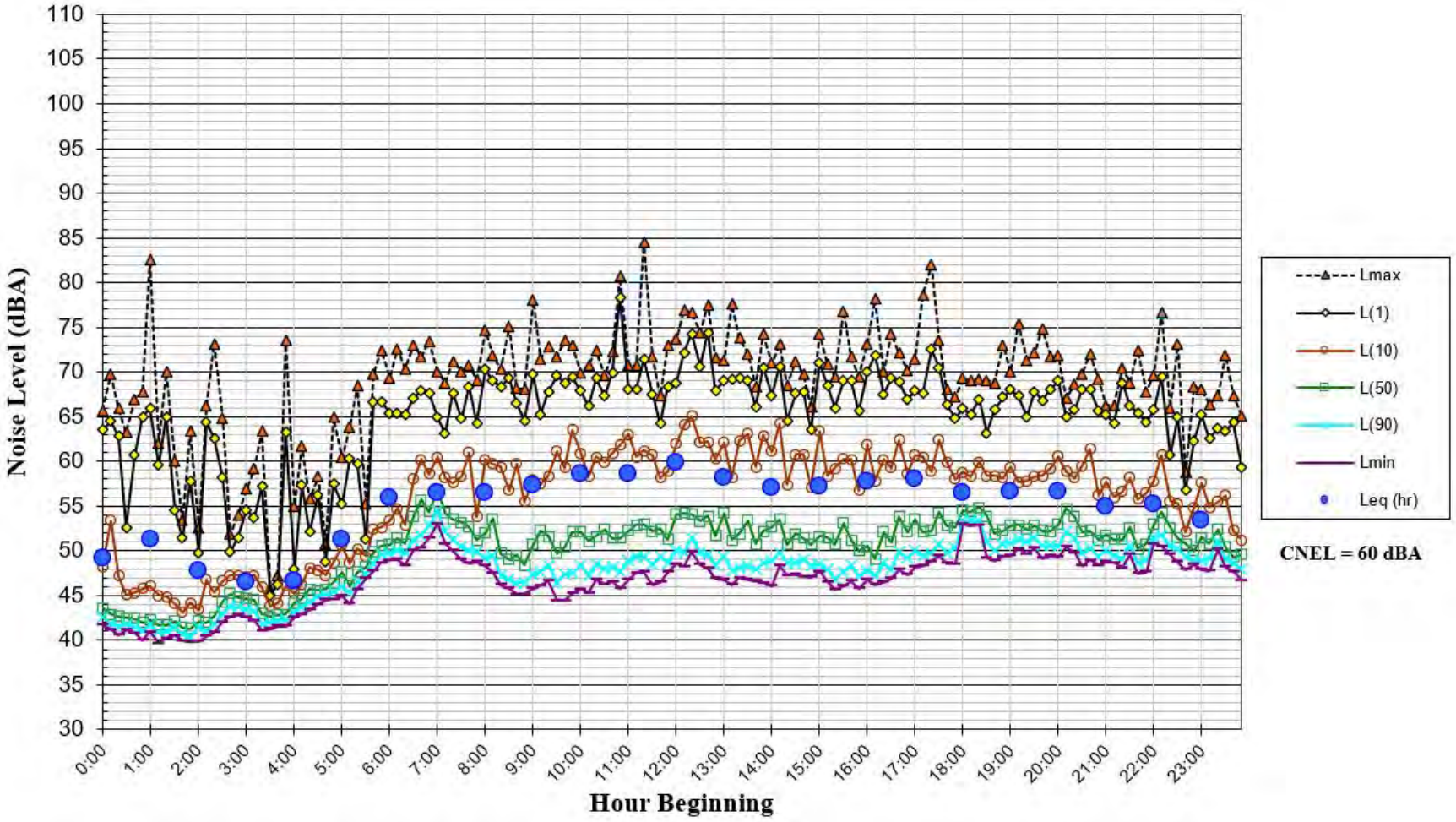


FIGURE A6 Daily Trend in Noise Levels at LT-2, Sunday, November 21, 2021

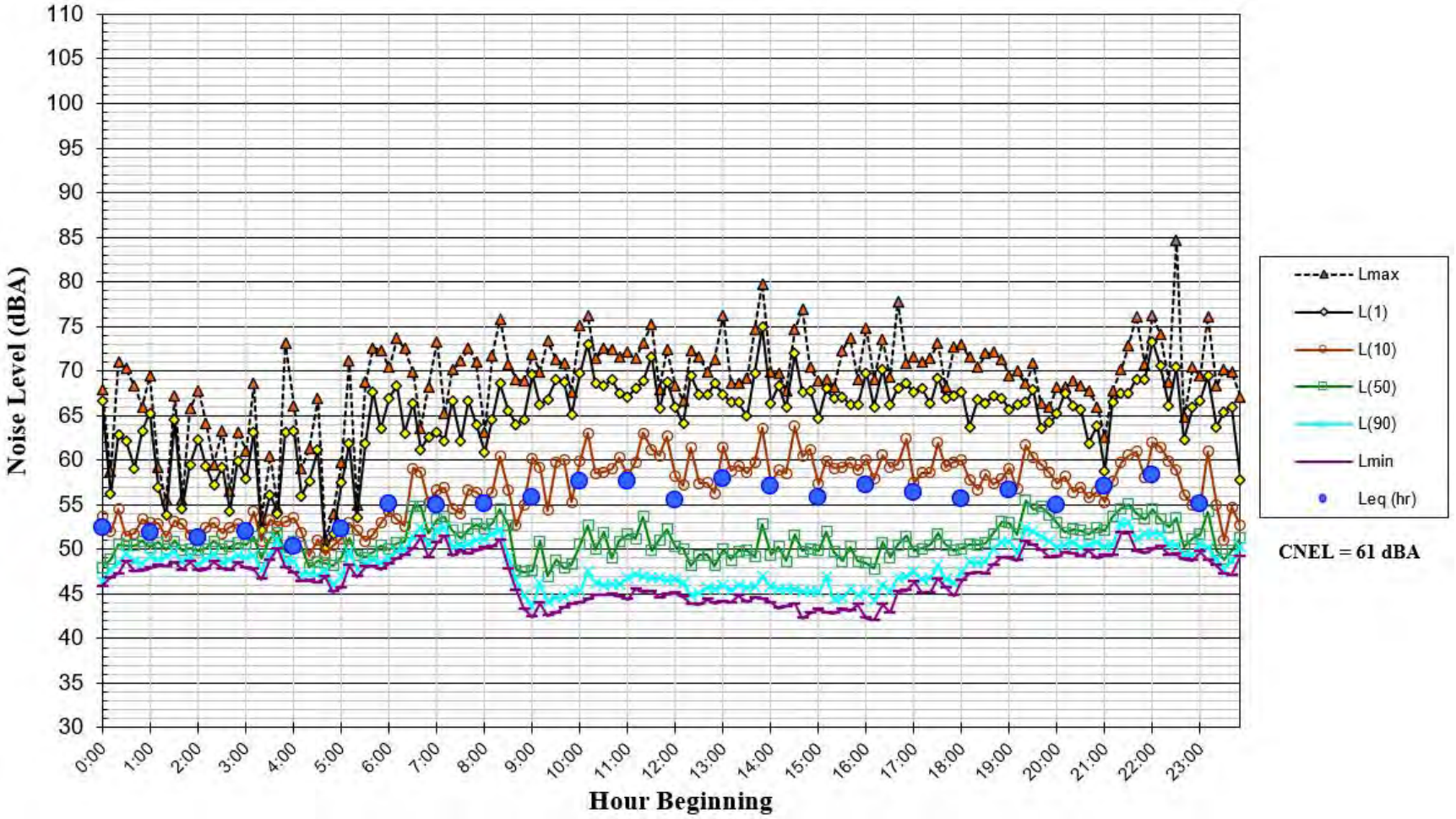


FIGURE A7 Daily Trend in Noise Levels at LT-2, Monday, November 22, 2021

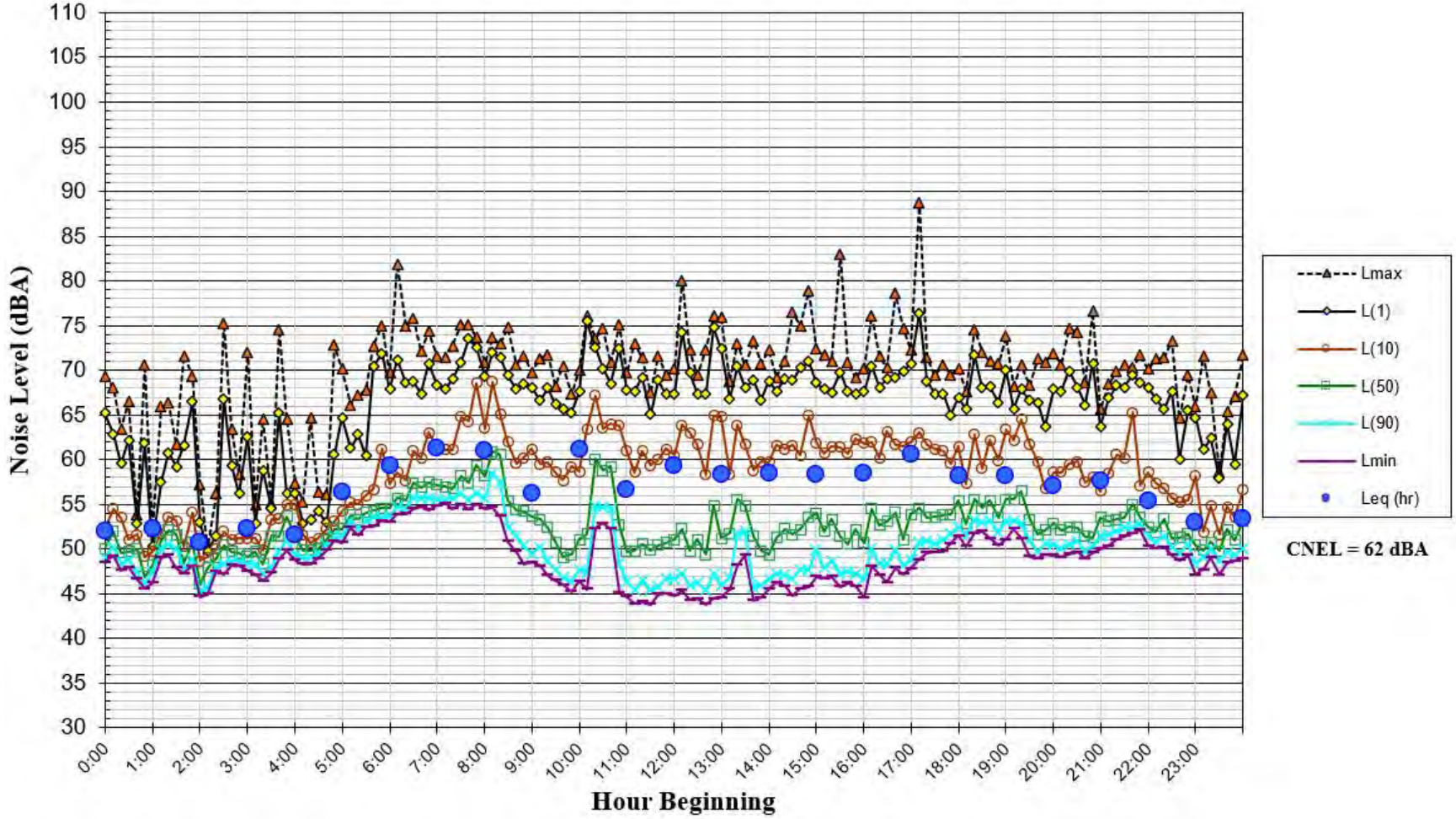


FIGURE A8 Daily Trend in Noise Levels at LT-2, Tuesday, November 23, 2021

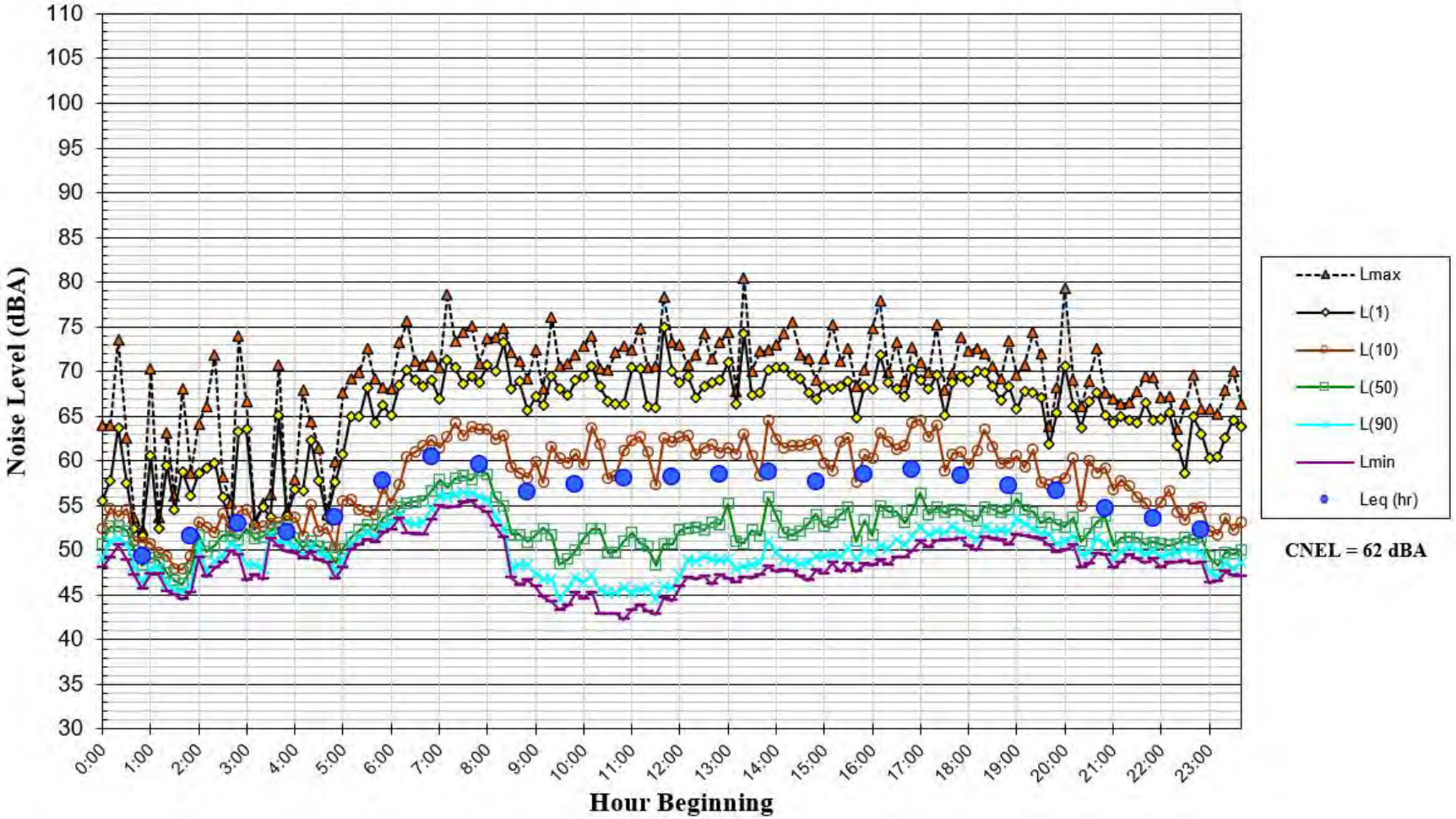
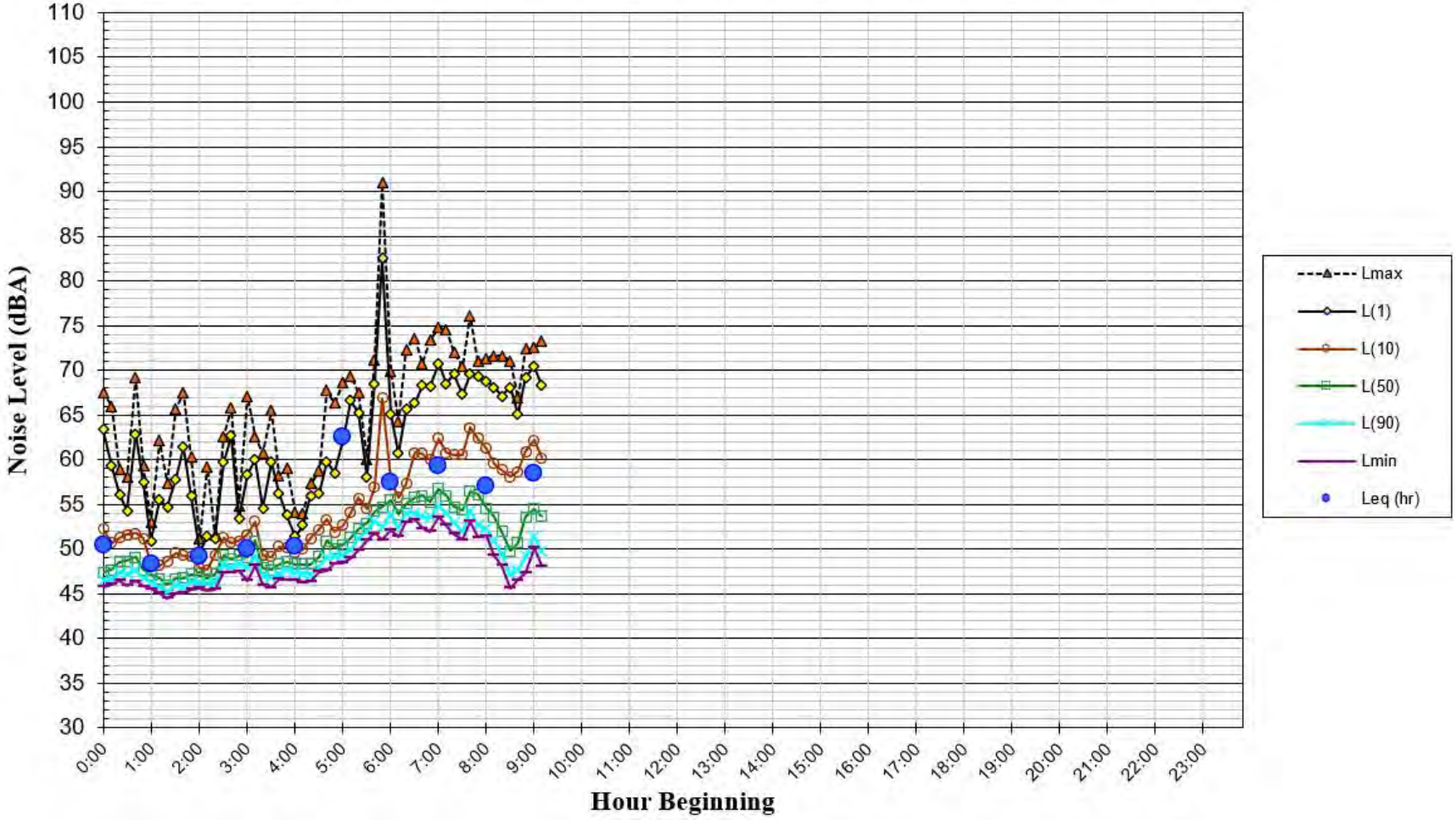


FIGURE A9 Daily Trend in Noise Levels at LT-2, Wednesday, November 24, 2021



HEXAGON TRANSPORTATION CONSULTANTS, INC.

Memorandum

Date: April 25, 2022

To: Ms. Amber Sharpe, David J. Powers & Associates, Inc.

From: Kai-Ling Kuo, Jocelyn Lee

Subject: Transportation Study for Affordable Housing Development at 1601 Civic Center Drive in Santa Clara, California

This memorandum presents trip generation estimates and evaluates site access, on-site circulation, and effects on pedestrians, bicycles, and transit facilities for the proposed affordable housing development at 1601 Civic Center Drive in Santa Clara, California. The project site is located on the northwest corner of the Lincoln Street and Civic Center Drive intersection. The project proposes to demolish the existing commercial building on-site and construct a five-story residential development with 108 affordable units. Vehicle access to the site would be provided via a driveway on Civic Center Drive and a driveway on Lincoln Street. The Civic Center driveway would provide access to the on-site surface lot, and the Lincoln Street driveway would provide access to the garage parking (see Figure 1).

Project Trip Estimates

Through empirical research, data have been collected that show trip generation rates for many types of land uses. The research is compiled in the ITE *Trip Generation Manual, 11th Edition*. The magnitude of traffic added to the roadway system by a particular development is estimated by multiplying the applicable trip generation rates by the size of the development. The rates published for "Mid-Rise Multifamily Housing" (Land Use Code 221) were used to estimate the trips generated by the proposed affordable housing development (see Table 1). The mid-rise multifamily housing category refers to apartments and condominiums located in a building that has between four to 10 floors of living space.

The ITE *Trip Generation Manual* provides rates for Affordable Housing (Land Use 223). However, the rates are based on only five studies. Thus, the multifamily housing (mid-rise) category provides a more accurate estimate for the project.

Per the Santa Clara Valley Transportation Authority (VTA) Transportation Impact Analysis Guidelines, housing projects located within 2,000 feet of a major bus stop can apply a two percent trip reduction to the trip generation. A major bus stop is defined as a stop where six or more buses per hour from the same or different routes stop during the peak period. The project is located within 2,000 feet of the bus stops along El Camino Real for VTA Routes 22 and 522, which both have a headway of 15 minutes during peak periods.

Based on the ITE trip generation rates and transit trip reduction, it is estimated that the proposed project would generate 480 daily trips, with 39 trips (9 in and 30 out) occurring during the AM peak hour and 41 trips (25 in and 16 out) occurring during the PM peak hour (see Table 1). The existing commercial building has been vacant since 2017, and therefore, no trip credit was given for the existing building on-site.

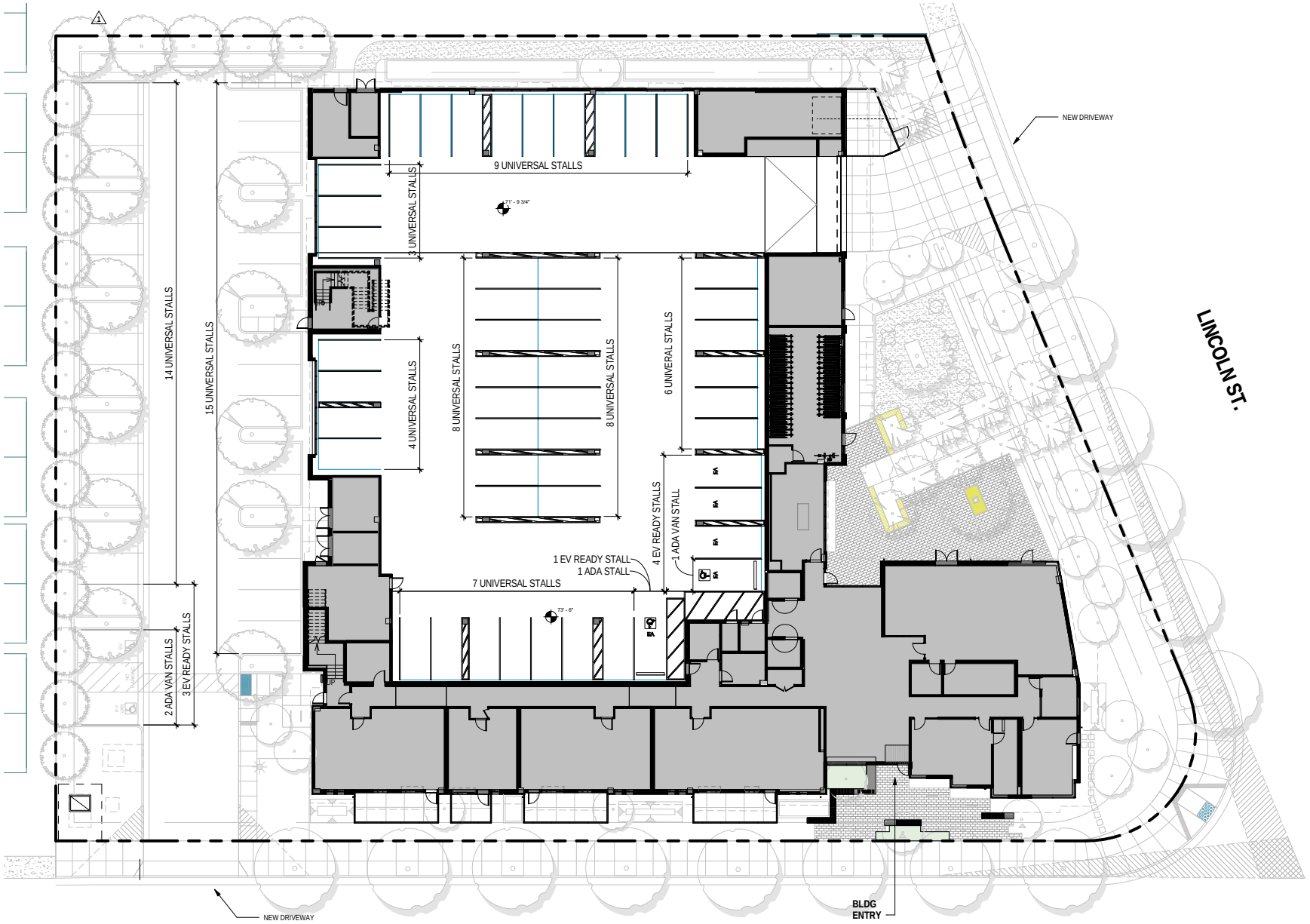


Figure 1
Site Plan

NORTH
Not to Scale

Table 1
Project Trip Generation

Land Use	Size	Daily		AM Peak Hour				PM Peak Hour			
		Trip Rate	Trips	Pk-Hr Rate	Trips In	Trips Out	Trips Total	Pk-Hr Rate	Trips In	Trips Out	Trips Total
Proposed Apartments[1]	108 du	4.54	490	0.37	9	31	40	0.39	26	16	42
- Transit Reduction (2%)[2]			*-10*		*0*	-1	*-1*		*-1*	0	*-1*
Net Project Trips			**480**		**9**	**30**	**39**		**25**	**16**	**41**

Source: ITE *Trip Generation Manual*, *11th Edition*, 2021.

1. Average ITE trip rates for Mid-Rise Multifamily Housing (Land Use 221) are used.

2. Per VTA TIA Guidelines, a transit trip reduction is applied to the project that is within 2,000 feet of a major bus stop.

Site Access and Circulation

A review of the project site plan was performed to determine if adequate site access and on-site circulation would be provided and to identify any access or circulation issues that should be improved. This review is based on the site plan, dated April 8, 2022 (see Figure 1) and in accordance with generally accepted traffic engineering standards.

Site Access

Vehicle access to the site would be provided via two new full access driveways on Civic Center Drive and Lincoln Street. The project would close the existing driveway on Civic Center Drive and create a new driveway approximately 175 feet west of the existing driveway. The project would add a new driveway on Lincoln Street. The driveway on Civic Center Drive would provide access to the surface parking lot, and the driveway on Lincoln Street would provide access to the parking garage.

The project would increase the number of driveways accessing the site from one to two driveways. Because the project would generate a low number of project trips, it is not necessary to provide two access points to the site for access and circulation. Increasing the access points would increase the conflicts between pedestrians/bicycles and vehicles. Therefore, the project should maintain only one driveway to access the site.

Recommendation: The project should provide only one driveway to access the site.

Driveway Design

The project driveways would provide two-way flow and would be 26 feet wide. According to the City of Santa Clara Municipal Code, Chapter 18.74 (Parking Regulations), two-way driveways providing access to 25 or more residential parking spaces should be at least 26 feet wide. The project driveways meet the requirement.

The Civic Center driveway shows approximately 30 feet of vehicle stacking space between the sidewalk and the first 90-degree parking stall, which would provide room for one inbound vehicle when vehicles back out of these parking stalls near the driveway. The Lincoln Street driveway shows approximately 65 feet of vehicle stacking space between the sidewalk and the first 90-degree parking stall, which would provide room for two inbound vehicles. Due to the low volume of project trips and the small number of on-site parking spaces, the probability of two or more inbound vehicles entering the

parking garage at the same time would likely be low. Therefore, the inbound stacking space at the driveways is expected to be adequate.

Sight Distance at Project Driveways

The proposed driveway locations were evaluated to determine if the sight distance at the driveways would be adequate. Adequate sight distance reduces the likelihood of a collision at driveways and provides drivers with the ability to locate sufficient gaps in traffic to exit a driveway. Sight distance of a driveway is evaluated based on the stopping sight distance recommended by Caltrain for a given design speed.

The landscape plan shows street trees would be added along the project frontage on Civic Center Drive and Lincoln Street. The type and location of the new street trees would be determined by the City at the implementation stage. Note that street trees have a high canopy and would not obstruct the view of drivers exiting the project driveways.

The posted speed limit on Civic Center Drive and Lincoln Street is 25 mph. The Caltrans stopping sight distance is 200 feet (based on a design speed of 30 mph). Thus, a driver must be able to see 200 feet in both directions of Civic Center Drive and Lincoln Street to locate a sufficient gap to turn out of the driveways.

There is a roadway curve on Civic Center Drive, approximately 250 feet west of the driveway, and on Lincoln Street, approximately 190 feet north of the driveway. However, there would be adequate sight distance for identifying vehicles turning around the curve. The proposed Civic Center driveway is located approximately 305 feet west of the Lincoln Street/Civic Center Drive intersection. Therefore, the sight distance would be adequate for vehicles turning from Lincoln Street and continuing westbound along Civic Center Drive. The Lincoln Street driveway is located approximately 220 feet north of the Lincoln Street/Civic Center Drive intersection. Therefore, the sight distance would be adequate for vehicles turning from Civic Center Drive and continuing northbound along Lincoln Street.

On-street parking is allowed on Civic Center Drive and Lincoln Street near the proposed project driveways and could obstruct the vision of exiting drivers if there were cars parked next to the driveways. Therefore, the project should provide at least 15 feet of red curb along both sides of the driveways to prohibit parking.

Recommendation: The curb segments next to the project driveways on Civic Center Drive should be painted red for 15 feet to prohibit parking and ensure adequate sight distance for outbound traffic.

Traffic Operations at Project Driveways

The project trips that are estimated to occur at the driveways are 9 inbound trips and 30 outbound trips in the AM peak hour and 25 inbound trips and 16 outbound trips during the PM peak hour.

Due to the relatively low number of project-generated trips at the driveways, operational issues related to vehicle queueing and/or vehicle delay are not expected to occur at the driveway. Some minor vehicle queuing could occur along eastbound Civic Center Drive, northbound Lincoln Street, and on-site due to a combination of the inherent unpredictability of vehicle arrivals at the driveway and the random occurrence of gaps in traffic along the streets. Based on the proposed parking spaces in the surface lot and parking garage, there would be more vehicles accessing the Lincoln Street driveway than the Civic Center driveway.

At the Lincoln Street driveway, the estimated 15 inbound trips during the PM peak hour calculate to about one trip every 4 minutes, and 18 outbound trips in the AM peak hour calculate to about one trip every 3 minutes. Therefore, the probability of two or more inbound and outbound vehicles entering and

exiting the driveways at the same time would be low. The maximum queue is not expected to affect eastbound traffic on Civic Center Drive, northbound traffic on Lincoln Street, or on-site circulation.

Passenger Loading

The site plan does not show any loading zones for dropping off and picking up passengers along the project frontages or within the site, which would be inconvenient for people accessing the site using Uber/Lyft or other rideshare apps (e.g., Scoop, Waze Carpool). It is expected that vehicles would drop passengers off along Civic Center Drive, Lincoln Street, or within the surface parking lot or parking garage. Because parking is available along Civic Center Drive along the project frontage, the project should a designate space as the pedestrian loading zone on Civic Center Drive near the entrance to the building lobby or designate a loading zone within the surface lot or parking garage near the building entrance.

Recommendation: The project should provide a passenger loading zone on Civic Center Drive near the entrance to the building lobby or within the surface parking lot or parking garage.

On-Site Circulation

The Civic Center driveway would provide access to the surface lot, and the Lincoln Street driveway would provide access to the adjacent parking garage. There would be no internal connection between the surface parking lot and parking garage, which is undesirable for on-site circulation because residents can enter the site and upon discovering that there is no available parking, must exit the site to check the other parking area. The project should provide internal circulation between the parking lot and parking garage.

The project would provide 90-degree parking throughout the site. All drive aisles are shown on the site plan to be 26 feet wide. The parking stalls measure 8.5 feet wide and 17 feet long for uniform stalls and 9 feet wide and 18 feet long for accessible and electric vehicle stalls. According to the City of Santa Clara Municipal Code, Chapter 18.74, off-street parking facilities may be designed with 100% uniform-size stalls, measuring 8.5 feet wide and 17 feet long. For parking facilities using the uniform stall dimensions, the minimum drive aisle width should be 24 feet. Therefore, the proposed parking stalls would meet the requirement. The proposed drive aisle width, in combination with the parking dimensions, would provide sufficient room for vehicles to back out of the 90-degree parking stalls.

On-site vehicle circulation was also evaluated to identify whether there are dead-end aisles within the surface lot and parking garage. Dead-end aisles are undesirable because drivers can enter the aisle, and upon discovering that there is no available parking, must back out or conduct three-point turns. The surface lot would be a dead-end aisle. Because of the length of the lot, it would be very difficult to back out. The project should provide a turnaround space at the dead-end aisle to provide adequate circulation.

Recommendation: The project should provide a turnaround space at the dead-end aisle in the surface parking lot to provide adequate circulation. The project should provide internal circulation between the parking lot and parking garage.

Emergency Vehicle and Truck Access and Circulation

Emergency vehicles would access the project site from Lincoln Street, Civic Center Drive, and the surface parking lot drive aisle via the driveway on Civic Center Drive. The project would provide adequate emergency access because the project buildings would be within the hose reach by fire trucks on Lincoln Street and Civic Center Drive, or in the surface parking lot drive aisle.

The project would provide a ground floor trash room along the northeast edge of the building with a staging area and a dedicated path for trash maneuvering along the north side of the Lincoln Street

driveway. The trash collection would occur at the curb along Lincoln Street. Garbage trucks would stop on Lincoln Street and workers would roll the bins from the staging area via the path and return the bins to the staging area after they are serviced.

Effects on Pedestrians, Bicycles, and Transit Facilities

The following describes the existing and future transit, pedestrian and bicycle facilities that serve the site and evaluates whether appropriate bicycle and pedestrian access and transit service are provided between the site and nearby destinations.

Pedestrian Facilities

Pedestrian facilities in the study area consist of sidewalks and crosswalks. A continuous network of sidewalks is present along all of the surrounding streets. Crosswalks with pedestrian signal heads are located at all of the signalized intersections in the area. A high visibility crosswalk and a standard crosswalk are available along the north leg and west leg, respectively, of the Lincoln Street/Civic Center Drive intersection.

The project would add a new driveway on Lincoln Street and increase the number of driveways accessing the site from one to two driveways, which would increase the conflicts between pedestrians/bicycles and vehicles on Lincoln Street. As discussed above, the project should maintain only one driveway to access the site.

The project would construct new 10-foot-wide sidewalks along the project frontages on Lincoln Street and Civic Center Drive. With the new sidewalks, the project should ensure that the curb ramp at the northwest corner of the Lincoln Street/Civic Center Drive intersection is built to ADA standards. The sidewalks and ADA curb ramp would facilitate pedestrian movements between the project site and surrounding points of interest, such as bus stops. In addition to new sidewalks along the project frontages, the project would also construct a publicly accessible forecourt with pedestrian walkways from Lincoln Street.

Within the site, pedestrian paths would be provided between sidewalks on the adjacent streets, the surface parking lot, and the proposed building. Therefore, pedestrian access to all proposed facilities within the project site would be provided.

Recommendation: With the new sidewalks along the project frontages, the project should ensure that the curb ramp at the northwest corner of the Lincoln Street/Civic Center Drive intersection is built to ADA standards.

Bicycle Facilities

There are bike lanes on Warburton Avenue and Monroe Street that connect cyclists from the project site to the surrounding areas. According to the *Santa Clara Bicycle Master Plan Update 2018*, Class II bike lanes are recommended along Lincoln Street between Warburton Avenue and El Camino Real and along Scott Boulevard for the entire street. A Class III bicycle boulevard is recommended along Lincoln Street south of El Camino Real. Class IV separated bike lanes are recommended along El Camino Real for the entire street.

The project would provide secure bicycle storage in a bike room on the ground level in the east edge of the building. The bike room would be accessed using the pedestrian walkway from Lincoln Street. The project would also provide bike racks in the surface parking lot next to the back entrance of the building. Because the main entrance of the building is facing Civic Center Drive, the project should provide some bike racks near the main entrance.

It is expected that the project would generate some bicycle trips, which could utilize the existing bike lanes on surrounding streets to get to nearby commercial areas. According to the *Bicycle Master Plan Update 2018*, the proportion of Santa Clara residents that bicycle to work is about two percent, which equates to one new bicycle trip during the AM and PM peak hours for the project.

Recommendation: The project should provide bike racks near the main entrance on Civic Center Drive.

Transit Services

A bus stop for the VTA Frequent Route 22 is located 635 feet from the project site on El Camino Real at Lincoln Street. Other routes with bus stops less than 2,000 feet from the project site include Local Routes 21 and 59 and Rapid Route 522. Due to the proximity of bus stops to the project site, it is assumed that some residents of the project would utilize the existing transit services. Assuming a commute hour transit mode share of two percent (as recommended by VTA guidelines), the project would generate one new transit rider during the peak hours. Therefore, it is anticipated that the new ridership could be accommodated by the existing transit services.

Pedestrian and Bicycle Access to Schools

The project site is located within the boundary of Scott Lane Elementary School, Buchser Middle School, and Santa Clara High School, which are about 0.7-mile north, 1.3-miles southeast, and 2.1 miles southwest of the project site, respectively. Scott Lane Elementary School is within walking distance. Elementary students choosing to walk to the school could use Civic Center Drive, Warburton Avenue, and Scott Boulevard. Safe and direct pedestrian access to the school is provided via a continuous network of sidewalks with crosswalks provided at all signalized intersections. Some high school students may bike to the school via Lincoln Street and Benton Street. Although there are bike lanes on Benton Street, Lincoln Street is not a bike route and has no bike lanes. Therefore, most students are expected to be driven or drive to the schools.

Conclusions

The site plan shows adequate site access and on-site circulation, and no significant on-site circulation issues are expected to occur as a result of the project. The project would not have an adverse effect on the existing pedestrian, bicycle, or transit facilities in the study area.

Hexagon has the following recommendations resulting from the site access and circulation evaluation.

- The project should provide only one driveway to access the site.
- The project should provide a passenger loading zone on Civic Center Drive near the entrance to the building lobby or within the surface parking lot or parking garage.
- The project should provide internal circulation between the parking lot and parking garage.
- The project should provide a turnaround space at the dead-end aisle in the surface parking lot to provide adequate circulation.
- The project should ensure that the curb ramp at the northwest corner of the Lincoln Street/Civic Center Drive intersection is built to ADA standards.
- The project should provide bike racks near the main entrance on Civic Center Drive.

Appendix G

Sanitary Sewer Capacity Assessment

Civic Center Family Housing Project
Initial Study

City of Santa Clara

Charities Housing

1601 Civic Center Drive Sewer Flow Monitoring Capacity Study







Prepared for:

Charities Housing
Sobrato Center for Non-Profits
1400 Parkmoor Ave, Suite 190
San Jose, CA 95126



Date:

December 2021

Prepared by:

V&A consulting engineers

V&A Project No. 21-0341

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1 Introduction

V&A Consulting Engineers, Inc. (V&A) was retained by Charities Housing to perform sanitary sewer flow monitoring and capacity analysis within the City of Santa Clara (City), California. Open-channel flow monitoring was performed at two manholes for one week from November 29, 2021, through December 06, 2021 (S46-MH71) and December 06, 2021, through December 10, 2021 (S46-MH37). The purpose of this study was to identify the average and peak flows and to determine the available capacity of the subject pipes for the future Charities Housing development of 1601 Civic Center Drive, Santa Clara, CA.

Flow monitoring sites are identified as the manholes where the flow monitors were secured and the pipelines wherein the flow sensors were placed.

The flow monitoring sites were selected and approved by the City of Santa Clara. Information regarding the flow monitoring locations are listed in Table 1-1. Figure 1-1 illustrates the location of the project site at 1601 Civic Center Drive, Santa Clara, CA and its proximity to the flow monitoring sites. Detailed descriptions of the flow monitoring sites, including photographs, are included in Appendix A.

Table 1-1. Description of Flow Monitoring Location

Manhole ID	Location	Pipe Diameter	Pipe Material	Inlets Monitored
S46-MH37	Monroe St btwn Cabrilo Ave & Don Ave (37.358980°, -121.954083°)	8 inches	VCP	Southeast
S46-MH71	Warburton Ave at Fillmore St (37.355580°, -121.953189°)	8 inches	VCP	West



Figure 1-1. Location of Development and Flow Monitoring Sites

2 Methods and Procedures

2.1 Confined Space Entry

A confined space (Photo 2-1) is defined as any space that is large enough and so configured that a person can bodily enter and perform assigned work, has limited or restricted means for entry or exit and is not designed for continuous employee occupancy. In general, the atmosphere must be constantly monitored for sufficient levels of oxygen (19.5% to 23.5%), and the presence of hydrogen sulfide (H_2S) gas, carbon monoxide (CO) gas, and lower explosive limit (LEL) levels. A typical confined space entry crew has members with OSHA-defined responsibilities of Entrant, Attendant, and Supervisor. The Entrant is the individual performing the work. He or she is equipped with the necessary personal protective equipment needed to perform the job safely, including a personal four-gas monitor (Photo 2-2). If it is not possible to maintain line-of-sight with the Entrant, then more Entrants are required until line-of-sight can be maintained. The Attendant is responsible for maintaining contact with the Entrants to monitor the atmosphere using another four-gas monitor and maintaining records of all Entrants, if there is more than one. The Supervisor is responsible for developing the safe work plan for the job at hand prior to entering.



Photo 2-1. Confined Space Entry



Photo 2-2. Typical Personal Four-Gas Monitor

2.2 Flow Meter Installation

V&A installed two Isco 2150 area-velocity flow meters for temporary metering within the collection system. Isco 2150 meters use submerged sensors with a pressure transducer to collect depth readings and an ultrasonic Doppler sensor to determine the average fluid velocity. The ultrasonic sensor emits high-frequency (500 kHz) sound waves, which are reflected by air bubbles and suspended particles in the flow. The sensor receives the reflected signal and determines the Doppler frequency shift, which indicates the estimated average flow velocity. The sensor is typically mounted at a manhole inlet to take advantage of smoother upstream flow conditions. The sensor may be offset to one side to lessen the chances of fouling and sedimentation where these problems are expected to occur. Manual level and velocity measurements were taken during the installation of the flow meters and again when they were removed and compared to simultaneous level and velocity readings from the flow meters to ensure proper calibration and accuracy. Figure 2-1 shows a typical installation for a flow meter with a submerged sensor.

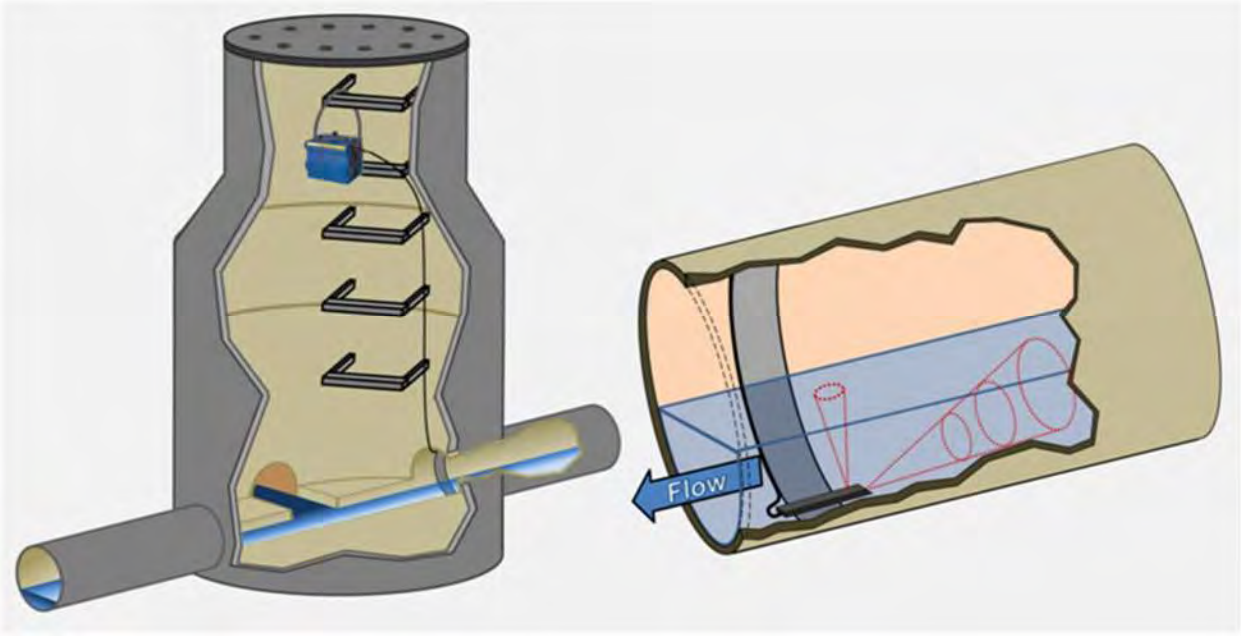


Figure 2-1. Typical Installation for Flow Meter with Submerged Sensor

3 Results and Analysis

3.1 Design Flow Determination

The flow monitoring design flow determination as defined by the City Standard is as follows:

$$Q_D = Q_M + Q_{WWGWI} + Q_{RD\ I/I} + Q_{PD}$$

Where:

Q_D = Design Flow
Q_M = Monitored Flow
Q_{WWGWI} = Wet Weather Groundwater Infiltration
$Q_{RD\ I/I}$ = Rainfall-Dependent Infiltration and Inflow
Q_{PD} = Proposed Development Peak Flow

3.2 Flow Monitoring Results

Table 3-1 lists the ADWF, peak measured flow and other calculated factors used to determine the pipeline capacity. Detailed graphs of the flow monitoring data are included in *Appendix A*.

Table 3-1. Dry Weather Flow Monitoring Summary

Item	S46-MH37 Southeast	S46-MH71 West
Pipe Diameter (in):	8.0	8.0
Measured Sediment (in):	0	0
Overall ADWF (gpm):	66.9[1]	1.1
Peak Flow (gpm):	113.4	6.7
Peak Level (in):	3.51	1.18
Peaking Factor:	1.7	6.1[2]
d/D Ratio:	0.44	0.15

[1]The flows for S46-MH37 were taken from December 6, 2021 through December 10, 2021 due to meter failure the prior week.
[2]The peaking factor for Site 2 is skewed high due to low flow conditions.

The following information should be noted:

- There was no observable inflow and infiltration response at S46-MH37 from the small rain event that occurred December 7, 2021.

3.3 City Standard "Monitored Flow"

Monitored Flow: Per the City's Standards for the flow monitoring design flow determination, the monitored flow (Q_M) is the greater of the following:

Q_M = Monitored Peak Flow
OR
Q_M = 2.5 X Monitored Average Flow

Table 3-2. Q_M, Monitored Flow

Item	S46-MH37 Southeast	S46-MH71 West
Monitored Peak Flow (gpm)	113.4	6.7
2.5 x Monitored Average Flow (gpm)	167.3	2.8
Q_M, Monitored Flow (gpm)	167.3	6.7

3.4 Pipeline Capacity Analysis

The pipeline capacity was estimated by using the Manning equation:

$$Q = \frac{669 \times R^{2/3} \times S^{1/2} \times A}{n}$$

where

A: Cross-sectional area of flow (ft^2)
R: hydraulic radius (ft), calculated from flow level *d* and pipe diameter *D*
S: Pipeline slope (ft/ft)
n: Roughness coefficient (unitless)
Q: Flow rate (ft^3/s)

The following factors were selected to determine the pipeline capacity.

- **Roughness coefficients:** 0.013 for VCP pipe is a widely accepted number for sanitary sewer design.
- **Pipeline Slope:** The slope for S46-MH71 was provided by City of Santa Clara field measurements. The slope for S46-MH37 was derived from flow data hydraulic conditions. The City of Santa Sanitary Sewer Maps did not state pipe slope for this location.
- **Design Flow Depth:** The City Standard requires that sewer should be designed for peak flow rate not to exceed 75% full pipe.

Table 3-3. Pipeline Capacity

Item	S46-MH37 Southeast	S46- MH71 West
Capacity		
Pipe Diameter (in.)	8	8
Pipeline Slope	0.0040[1]	0.0051[2]
Mannings roughness, n	0.013	0.013
Full-Pipe Capacity (gpm)	344.1	387.3
City Allowable Peak Flow at 0.75 d/D (gpm)	313.8	353.2

[1]Derived from flow data hydraulic measurements. City maps did not state surveyed slope of pipeline. See Figure 3-1 below.
[2]City of Santa Clara verified the slope between S46- MH70 and S46- MH71 on 12/03/21.

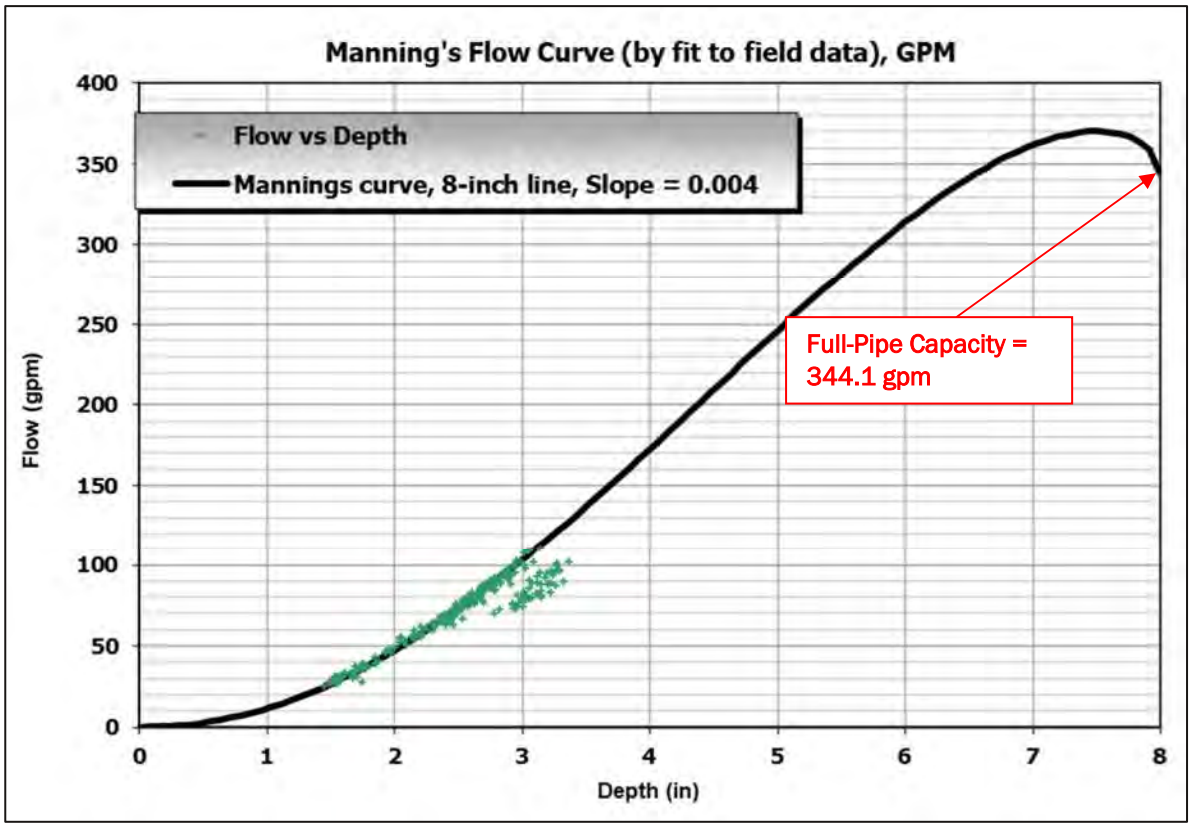


Figure 3-1. S46-MH37 Manning's Flow Curve

3.5 Derived Flow Results

3.5.1 Proposed Development Flows

The proposed development is a mix of commercial and residential space. The peak development flow is calculated in Table 3-4. The Base Wastewater Unit Flow Factors established by the City can be found in Appendix B.

Table 3-4. Flow Generation from Proposed Developments

Development	City	Use/Type	Unit or ft²	Sewage Generation Rate[1]	Flow (Gal/Day)
1601 Civic Center Drive	Santa Clara	Residential	112 units	154 gpd/DU	17,248 gpd
		Q_{PD}, Proposed Development Peak Flow (Total)			**17,248 gpd (12.0 GPM)**

THEREFORE,

$$Q_{PD} = 12.0 \text{ gpm}$$

3.5.2 Wet Weather Groundwater Infiltration (Q_{WWGWI})

The wet weather groundwater infiltration (Q_{WWGWI}) is derived from multiplying the wet weather groundwater infiltration (factor) by the tributary area served by the sanitary sewer main being monitored. The tributary areas upstream of the monitored site are shown in Figure 3-1. The project site is located within the tributary area M_15 (Appendix B). The factor for this area is 700 gpd/acre established by the City Standard as shown in Appendix B.

QWWGWI Site = WWGWI x Tributary Area

= 700 gpd/acre x 66.6 acres = 46,620 gpd or 32.4 gpm (S46-MH37)

= 700 gpd/acre x 33.9 acres = 23,730 gpd or 16.5 gpm (S46-MH71)

THEREFORE,

Q_{WWGWI} = 32.4 gpm (S46-MH37)
Q_{WWGWI} = 16.5 gpm (S46-MH71)

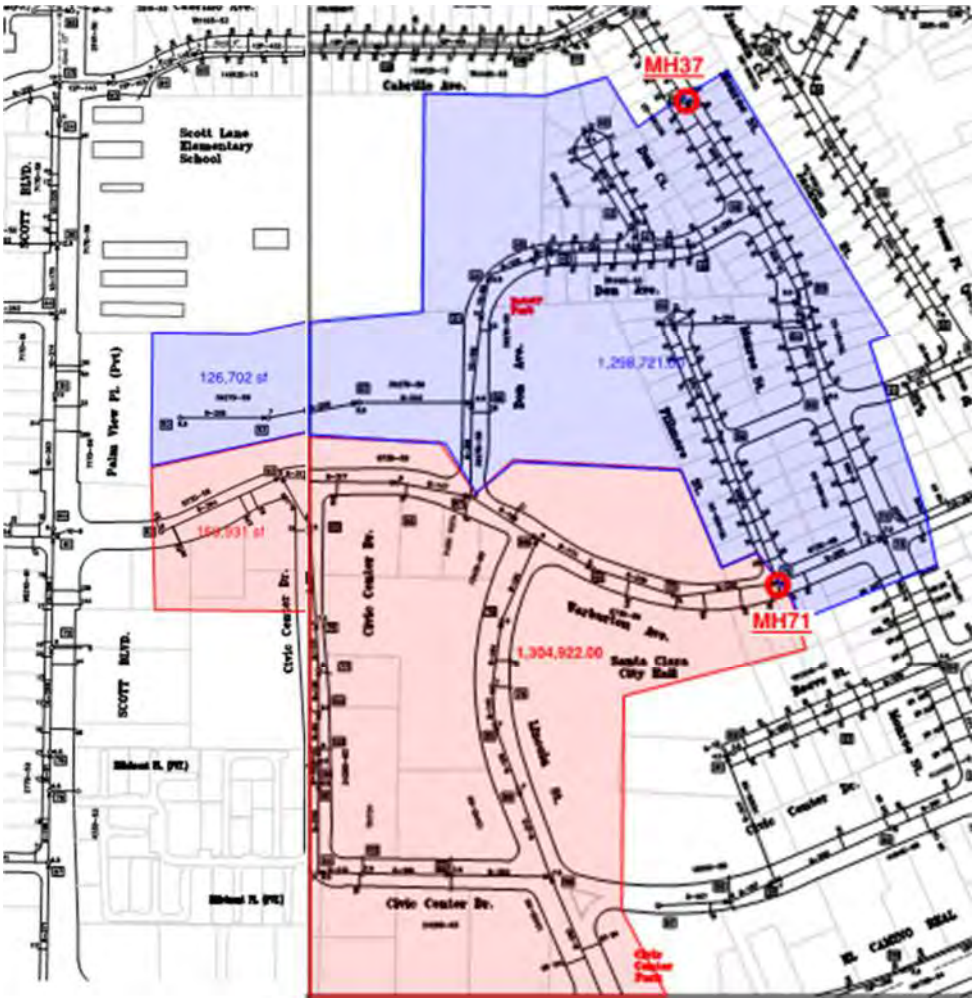


Figure 3-2. Approximate Tributary Area of monitoring sites

3.5.3 Rainfall-Dependent Infiltration and Inflow ($Q_{RDI/I}$)

The rainfall-dependent infiltration and inflow ($Q_{RDI/I}$) is derived the same way as the wet weather groundwater infiltration. Per City Standards, 1,000 gpd/acre is used for $Q_{RDI/I}$ flow determination.

$Q_{RDI/I}$ = RDI/I x Tributary Area

= 1,000 gpd/acre x 66.6 acres = 66,600 gpd or 46.3 gpm (S46-MH37)

= 1,000 gpd/acre x 33.9 acres = 33,900 gpd or 23.5 gpm (S46-MH71)

THEREFORE,

$Q_{RDI/I}$ = 46.3 gpm (S46-MH37)
$Q_{RDI/I}$ = 23.5 gpm (S46-MH71)

3.5.4 Design Flow (Q_D)

Table 3-5 shows the summary of the design flow results including both monitored flow results and derived flow results.

Table 3-5. Design Flow Results

Item	S46-MH37 Southeast	S46-MH71 West
Q_M, Monitored Flow (gpm)	167.3	6.7
Q_{PD}, Proposed Development Peak Flow (gpm)	12.0	12.0
Q_{WWGWI}, Wet Weather Groundwater Infiltration (gpm)	32.4	16.5
$Q_{RDI/I}$, Rainfall Dependent Infiltration and Inflow (gpm)	46.3	23.5
Q_D, Design Flow (gpm)	258.0	58.7

3.5.5 Estimated Pipeline Capacity

Table 3-6 summarizes the capacity analysis for the pipelines that would be affected by the proposed development area.

Table 3-6. Pipeline Capacity Results Summary

No.	Item	S46-MH37 Southeast	S46-MH71 West
1	City Allowable Peak Flow at 0.75*d/D (gpm)	313.8[1]	353.2
2	Q_D, Design Flow (gpm)	258.0	58.7
3	Available Capacity (gpm) (No. 1 – No. 2)	55.8	294.5
4	Has Capacity For 100% of Development?	YES (82.2% of capacity)	YES (16.6% of capacity)

[1]City Allowable Peak Flow at 75% based on derived slope values in Section 3.4

Appendix A
Flow Monitoring Site Report: Data, Graphs, Information



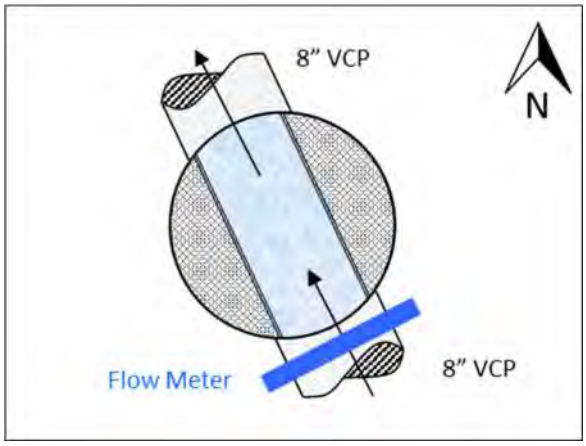
MH37 Satellite View



MH37 Street View



MH37 Sanitary Sewer Map



MH37 Flow Diagram



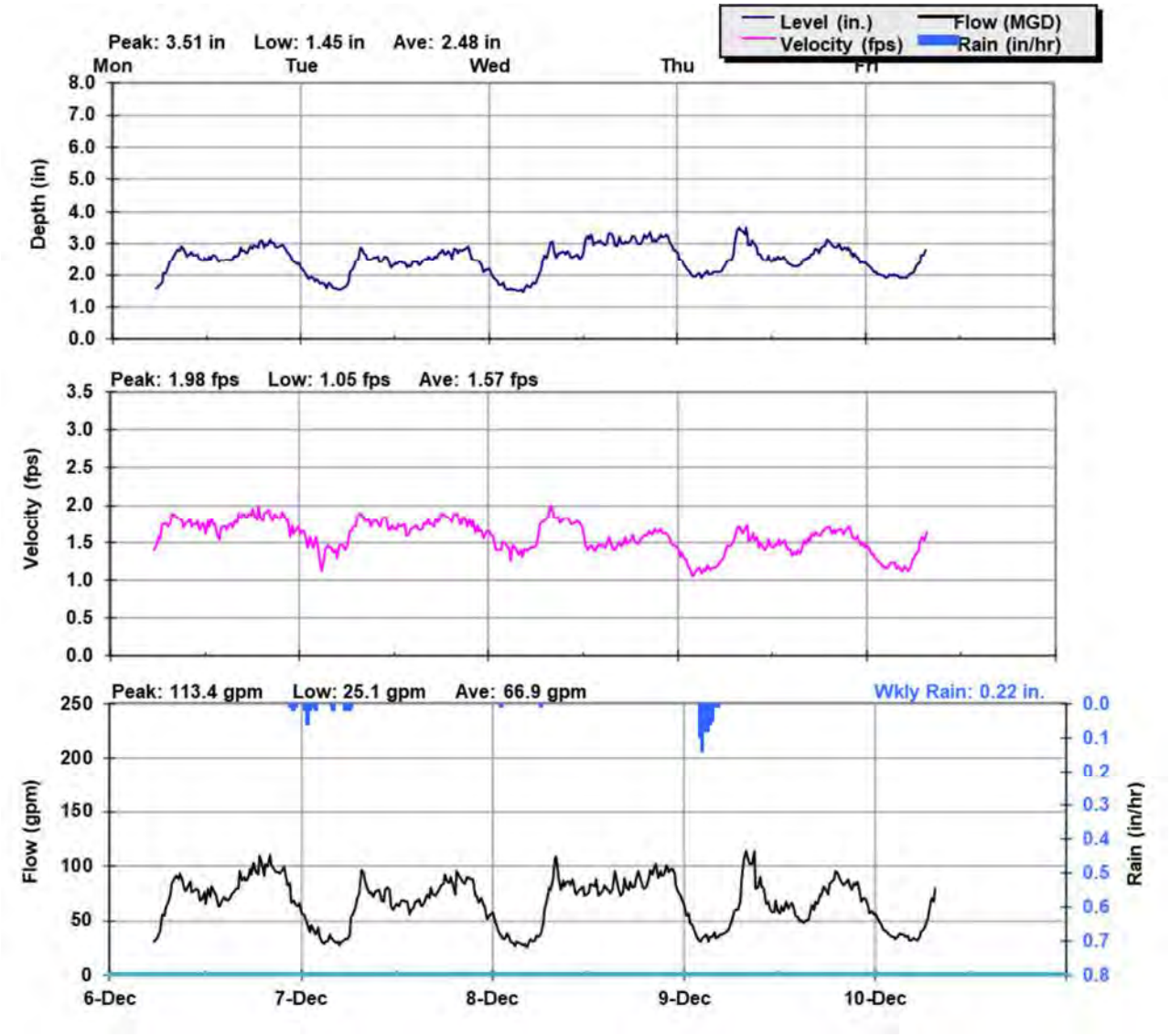
MH37 Plan View



MH37 Effluent Pipe



MH37 Monitored Southeast Influent Pipe



MH37 Flow Monitoring Details (12/06/21 to 12/10/21)



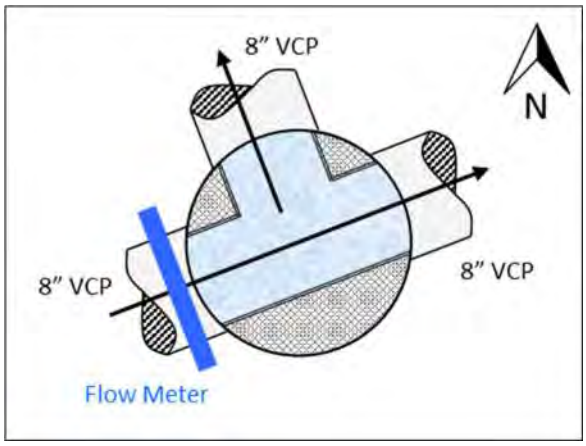
MH37 Satellite View



MH71 Street View



MH71 Sanitary Sewer Map



MH71 Flow Diagram



MH71 Plan View



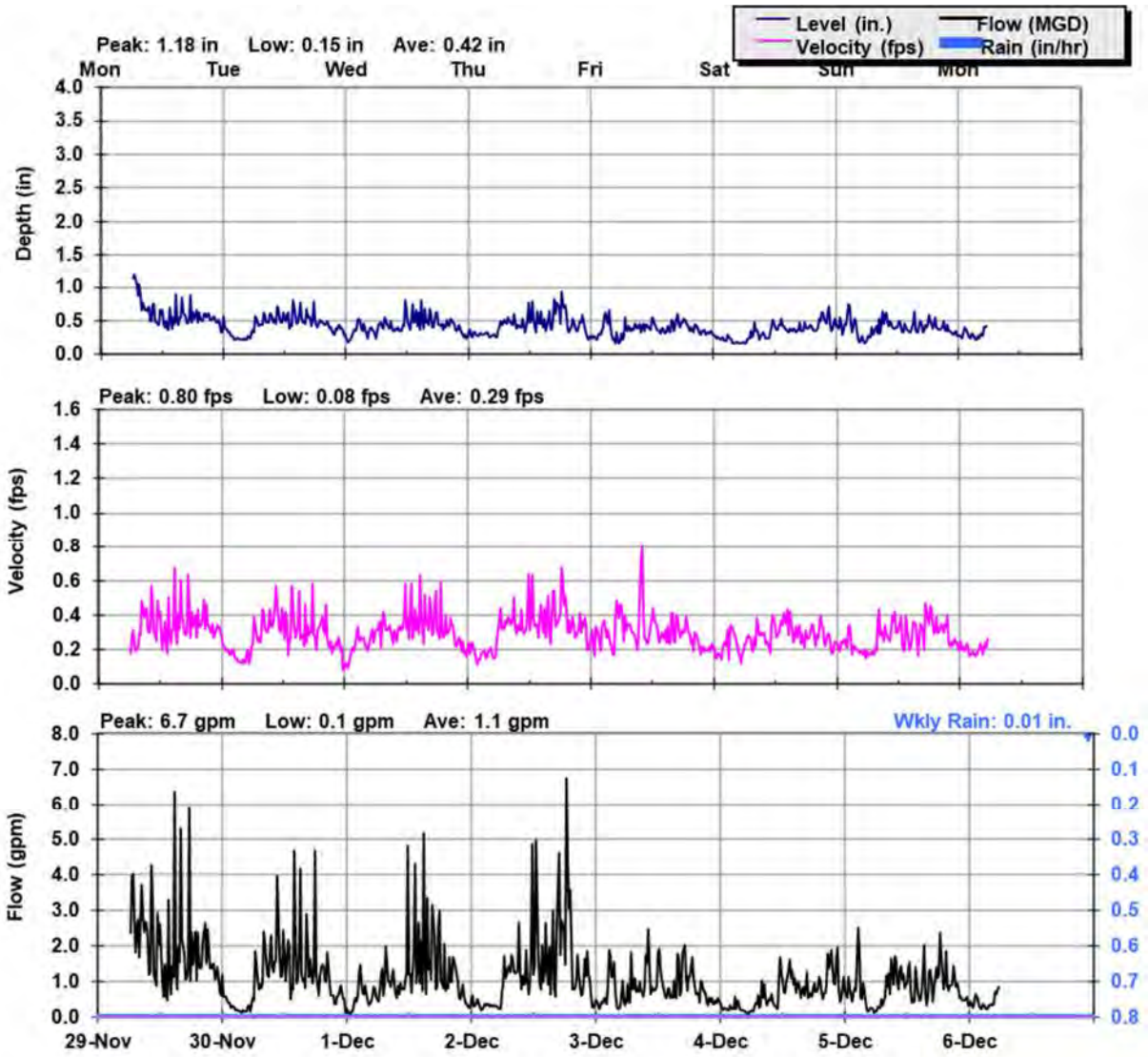
MH71 North Effluent Pipe



MH71 East Effluent Pipe



MH71 Monitored West Influent Pipe



MH71 Flow Monitoring Details (11/29/21 to 12/06/21)

Appendix B
City of Santa Clara: Sanitary Sewer Capacity Assessment Standards

DESIGN CRITERIA

for Improvements in Public Right-of-Ways and City Easements

City of Santa Clara

Public Works Department

September 2014

Prior to any flow monitoring work, the proposed monitoring location(s) shall be reviewed and approved by the Director of Public Works/City Engineer. Flow monitoring measurements to determine average and peak flows, in existing pipes, shall be done over a period of at least seven (7) consecutive days with continuous mechanical/electronic measurements in a manner acceptable to the Director of Public Works/City Engineer.

An Encroachment Permit (EP) is required to allow developer to monitor the sanitary sewer flows.

. Design flow determination shall be as follows:

$Q_D = Q_M + Q_{WWGWI} + Q_{RDI/I} + Q_{PD}$

Where:

Q	=	Flow
D	=	Design
M	=	Monitored
WWGWI	=	Wet Weather Groundwater Infiltration
RDI/I	=	Rainfall-Dependent Infiltration and Inflow
PD	=	Proposed Development

Q_D	=	Design Flow
Q_M	=	The Monitored Peak Flow or 2.5 times the Monitored Average Flow, whichever is greater.
Q_{WWGWI}	=	The gpd/acre value is obtained by using Figure 3-3 on page 3-5 (see Exhibit "D" of this Design Criteria) and Table 3-2 on page 3-11 (see Exhibit "E" of this Design Criteria) of the Sanitary Sewer Capacity Assessment Report, May 2007. Multiply the factor by the Tributary Area served by the sanitary sewer main being monitored.
$Q_{RDI/I}$	=	Same as Q_{WWGWI} above. For now, use 1,000 gpd/acre.
Q_{PD}	=	Proposed Development Peak Flow.

5.5 At all changes of direction, a drop in flow line shall be installed equal to the velocity head times the ratio of angular change to 90 degrees.

$$\frac{V^2}{2g} \times \frac{A^o}{90^o} = \text{Head Loss} = \text{drop in flow line*}$$

EXHIBIT D

Figure 3-3 of Sanitary Sewer Capacity Assessment Report, May 2007

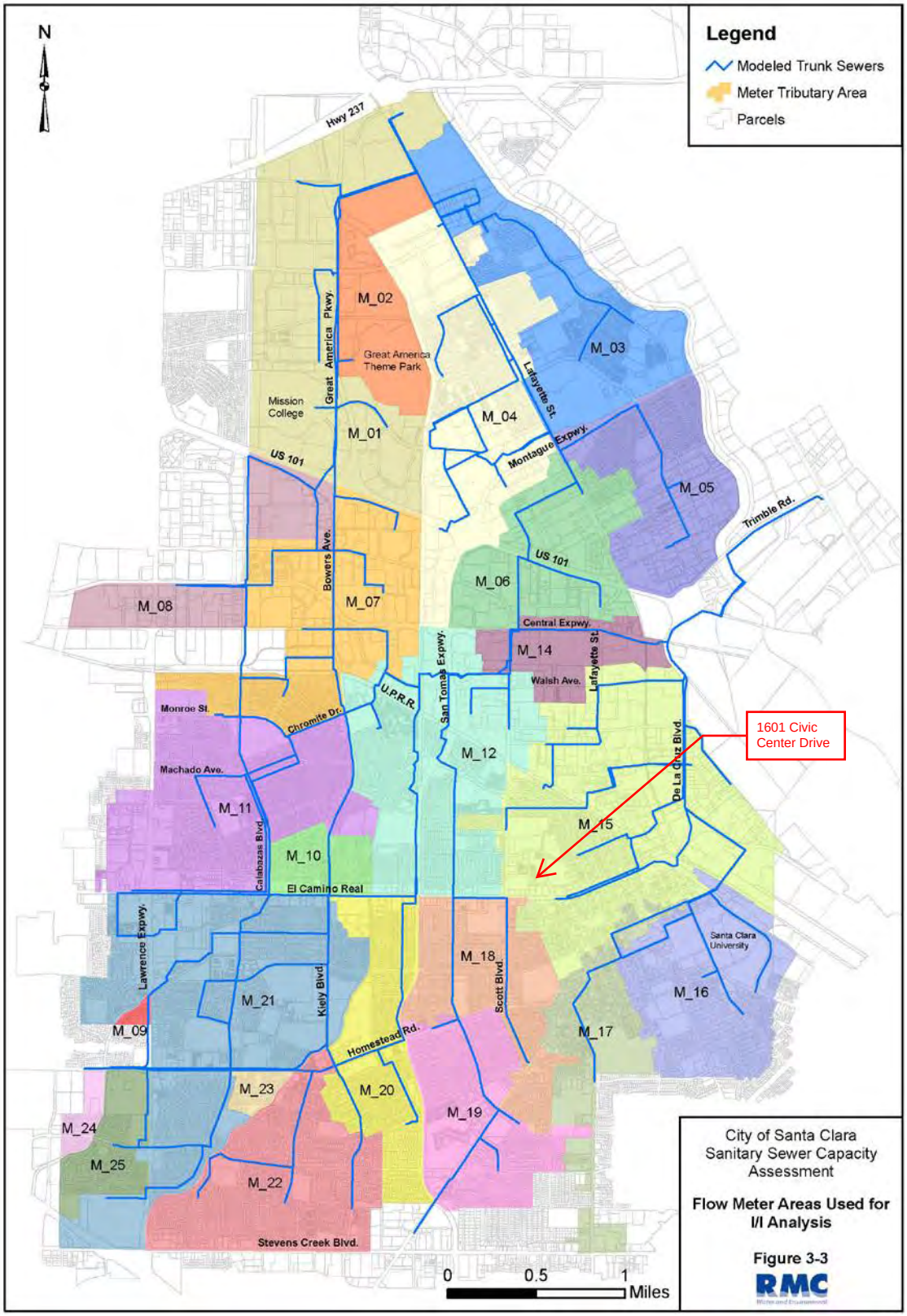


EXHIBIT E

Table 3-2 of Sanitary Sewer Capacity Assessment Report, May 2007

Table 3-2 GWI and RDI/I Parameters by Meter Area

Meter Area[a]	Dry Weather GWI[b] (gpd/acre)	Wet Weather GWI[c] (gpd/acre)	R1 RDI/I Vol. (%) (2 hrs. to peak)	R2 RDI/I Vol. (%) (6 hrs. to peak)	R3 RDI/I Vol. (%) (12 hrs. to peak)
M_01	0	0	0.5	0.8	0.8
M_02	0	0	0.5	0.8	0.8
M_03	0	0	0.6	0.1	0.1
M_04	500	1,300	0.6	0.1	0.1
M_05	700	1,000	0.6	0.1	0.1
M_06	0	0	0.6	0.1	0.1
M_07	1,900	1,900	0.3	0.5	0.5
M_08	0	0	0.3	0.5	0.5
M_09	0	0	0.6	0.1	0.1
M_10	0	0	0.6	0.1	0.1
M_11	1,600	2,300	0.9	1.7	6.0
M_12	0	0	0.9	1.0	0.5
M_14	0	0	0.6	0.1	0.1
M_15	300	700	1.0	0.2	0.2
M_16	900	1,600	1.0	0.2	0.2
M_17	200	200	0.6	0.1	0.1
M_18	0	0	0.8	1.0	0.1
M_19	0	0	0.3	0.1	0.1
M_20	0	0	0.6	0.1	0.1
M_21	0	0	0.6	0.1	0.1
M_22	0	0	0.6	0.1	0.1
M_23	0	0	0.6	0.1	0.1
M_24	0	0	0.6	0.1	0.1
M_25	0	0	0.6	0.1	0.1
CuSD	0	0	0.5	0.2	0.4

(a) See Figure 3-3.
(b) Represents GWI during non-rainfall periods (e.g., early to mid-February) of the 2006 flow monitoring period.
(c) Represents GWI immediately following rainfall events.

City of Santa Clara Water & Sewer Utility

Sewer System Management Plan

Approved by City Council: Resolution # [TBA]

Table 2-5 Base Wastewater Flow Unit Flow Factors

Type of Development	Unit Flow Factor	Basis
Single Family Detached	245 gpd/DU	3.5 people/DU @ 70 gpcd
Townhouses/Condominiums	175 gpd/DU	2.5 people/DU @ 70 gpcd
Apartments	154 gpd/DU	2.2 people/DU @ 70 gpcd
Hotels	100 gpd/room	
Commercial/Office	0.1 gpd/sq. ft.	
Office/R&D	0.15 gpd/sq. ft.	
Moderate Density Residential (Mixed Use)	3,200 gpd/acre	21 DU/acre @154 gpd/DU
Medium Density Residential (Transit-Oriented Mixed Use)	4,600 gpd/acre	30 DU/acre @ 154 gpd/DU
Commercial/Office/R&D Intensification[a]	+ 300 gpd/acre	+ 0.04 FAR @ 0.15 gpd/sq. ft.

(a) Applied to areas of North Santa Clara where existing development is anticipated to increase in intensity from a current average floor-area-ratio (FAR) of 0.41 to a future average of 0.45.

2.3.3 Diurnal Base Wastewater Flow Patterns

In most sewer systems, BWF exhibits typical diurnal patterns depending on the type of land use. For Santa Clara, typical diurnal curves were developed for residential, commercial, and industrial areas, for both weekend and weekday conditions. These curves are shown in **Figure 2-4**. Each area of the system was assigned a diurnal curve according to its predominant land use type.

APPENDIX K

2009 SANITARY SEWER CAPACITY ASSESSMENT

Table 2-1: Base Wastewater Unit Flow Factors

Land Use	Unit Flow Factor	Basis
Low Density Residential	245 gpd/DU[a]	2007 Capacity Assessment
Medium Density Residential	154 gpd/DU	2007 Capacity Assessment
High Density Residential	154 gpd/DU	2007 Capacity Assessment
Retail & Residential [b]	154 gpd/DU	2007 Capacity Assessment
Commercial [c]	0.1 gpd/sq. ft.[d]	2007 Capacity Assessment
Hotel	0.48 gpd/sq. ft.	Standard Unit Flow Factor per SJ/SC WPCP[e]
Industrial/Office/R&D[f] (higher intensity)	0.15 gpd/sq. ft.	2007 Capacity Assessment
Warehouse Manufacturing	0.052 gpd/sq. ft.	Standard Unit Flow Factor per SJ/SC WPCP
Public/Institutional	0.15 gpd/sq.ft	Assumed to be similar to Office/R&D uses
Parks/Recreation	--	Assumed to generate little or no flow

a. gpd/DU = gallons per day per dwelling unit
b. Flow assumed to be primarily residential
c. Including neighborhood and regional commercial services, retail, office, and auto sales
d. gpd/sq. ft. = gallons per day per square foot of building floor space
e. SJ/SC WPCP = San Jose / Santa Clara Water Pollution Control Plant
f. R&D = Research & Development

In some cases, the demolition of existing development was identified by City staff. In these cases, the estimated flow from the existing development was subtracted out from the model baseline flow.

In general, the BWF generated by a development parcel was calculated as follow:

BWF = (Size of New Development x Unit Flow Factor) – (Demolition of Existing Development x Unit Flow Factor)

A table of the computed BWF for each sewer subbasin can be found in **Appendix B**.

Table 2-2 shows the estimated average dry weather flow (ADWF), peak dry weather flow (PDWF), and peak wet weather flow (PWWF) for each of the three General Plan Update phases. As per the 2007 Capacity Assessment, flows from Cupertino Sanitary District were included in the model up to the District's contracted maximum capacity in the City's sewer system.

Table 2-2: Summary of Wastewater Flow Estimates

Scenario	ADWF [a] (MGD)	PDWF [a] (MGD)	PWWF [b] (MGD)
Phase 1	26.8	34.9	53.5
Phase 2	28.7	37.2	56.0
Phase 3	30.6	39.5	57.8

a. ADWF and PDWF represent a non-rainfall wintertime condition and include groundwater infiltration.
b. PWWF represents peak flow for a 10-year frequency design storm.

V&A Project No. 21-0341



V&A consulting engineers
1000 Broadway, Suite 320
Oakland, CA 94607
510.903.6600
510.903.6601 Fax

DRAFT

MITIGATION MONITORING AND REPORTING PROGRAM

Civic Center Family Housing Project

CITY OF SANTA CLARA

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.

On _____, the City Council approved the Initial Study/Mitigated Negative Declaration for the Civic Center Drive Family Housing Project. The Initial Study/Mitigated Negative Declaration concluded that the implementation of the 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/Mitigated Negative Declaration concluded that mitigation measures would not be required to reduce significant impacts.

MITIGATION MONITORING OR REPORTING PROGRAM Civic Center Family Housing Project			
Mitigation	**Timeframe for Implementation**	**Responsibility for Implementation**	**Oversight of Implementation**
Air Quality			
MM AIR-1.1: All construction equipment larger than 25 horsepower used at the site for more than two continuous days or 20 hours total shall meet U.S. EPA Tier 4 emission standards for particulate matter (PM) (PM_{10} and $PM_{2.5}$). If use of Tier 4 equipment is not available, alternatively use equipment that meets U.S. EPA emission standards for Tier 2 or 3 engines and include particulate matter emissions control equivalent to California Air Resources Board (CARB) Level 3 verifiable diesel emission control devices that altogether achieve a 60 percent reduction in particulate matter exhaust in comparison to uncontrolled equipment; alternatively (or in combination), use of electrical or non-diesel fueled equipment.	During all phases of construction	Project applicant	Director of Community Development or the Director's designee
Biological Resources			
MM BIO-1.1: Construction shall be scheduled to avoid the nesting season to the extent feasible. The nesting season for most birds, including most raptors, in the San Francisco Bay Area extends from February 1st through August 31st. If it is not possible to schedule construction and tree removal between September and January, then pre-construction surveys for nesting birds shall be completed by a qualified ornithologist to ensure that no nests are disturbed during project implementation. This survey shall be completed no more than 14 days prior to the initiation of grading, tree removal, or other 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 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,	Avoidance: September 1 through January 31. Otherwise, 14 days prior to initiation of grading, tree removal, or other construction activities during the early part of the breeding season (February through April) and no more than 30 days prior to the initiation of	Project applicant	Director of Community Development or the Director's designee California Department of Fish and Game

MITIGATION MONITORING OR REPORTING PROGRAM Civic Center Family Housing Project			
Mitigation	**Timeframe for Implementation**	**Responsibility for Implementation**	**Oversight of Implementation**
the ornithologist, in consultation with the California Department of Fish and Game (CDFG), shall determine the extent of a construction-free buffer zone to be established around the nest to ensure that bird species protected by the Migratory Bird Treaty Act (MBTA) or Fish and Game Code shall not be disturbed during project construction.	these activities during the late part of the breeding season (May through August).		
Cultural Resources			
MM CUL-2.1: Prior to the issuance of any grading permit, an Archaeological Monitoring Plan shall be developed, to the satisfaction of the Community Development Director, and implemented to guide the project should any significant archaeological deposits be uncovered during construction. The Archaeological Monitoring Plan shall provide detailed guidance for how impact areas should be methodically excavated under the direct supervision of a qualified archaeologist. A qualified archaeologist and a representative from the local Native American community shall monitor all initial ground-disturbing activities. **MM CUL-2.2:** A qualified archaeologist shall monitor the demolition of the building foundations and any other below surface disturbances, such as but not limited to, grading, excavation, trenching, potholing for utilities, utility removal, and addressing storm drain issues. **MM CUL-2.3:** In the event that buried, or previously unrecognized archaeological deposits or materials of any kind are inadvertently exposed during any construction activity, work within 50 feet of the find shall cease until a qualified archaeologist and a representative from the local Native American community can assess the find and provide recommendations for further treatment, if warranted. Preservation in place is the preferred treatment of an archeological resource. When preservation in place of an archeological resource is not feasible, data recovery, in accord with a data recovery plan prepared and adopted by the City, is the appropriate mitigation. Construction and	Prior to issuance of grading permits, and during demolition of building foundations and all ground disturbing activities.	Project applicant	Director of Community Development or the Director's designee

MITIGATION MONITORING OR REPORTING PROGRAM Civic Center Family Housing Project			
Mitigation	**Timeframe for Implementation**	**Responsibility for Implementation**	**Oversight of Implementation**
potential impacts to the area within a radius determined by the archaeologist shall not recommence until the assessment is complete.			
MM CUL-3.1: In the event that human remains and/or grave goods are discovered or recognized during ground-disturbing activities or construction, all ground disturbance work shall cease within 50 feet of the discovery, and the tribal monitor shall immediately notify the construction supervisor. The construction supervisor shall ensure reasonable protection measures are taken to protect the discovery from disturbance (Assembly Bill [AB] 2641) and shall immediately notify the City and the Santa Clara County Medical Examiner-Coroner (per California Health and Safety Code Section 7050.5). 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. • Reburial shall be conducted within a cultural easement to be identified on the project plans, or on tribal or other lands that will not be disturbed in the future. • Reburial of human remains shall be accomplished in compliance with California Public Resources Code Sections 5097.98(a) and (b).	During all ground disturbing activities.	Project applicant	Director of Community Development or the Director's designee Santa Clara County Medical Examiner-Coroner Native American Heritage Commission
Geology and Soils			
MM GEO-2.1: All excavation and grading work would be scheduled in dry weather months or construction sites would be weatherized (refers to measures that would protect exposed soils from rain and stormwater runoff) to withstand or avoid erosion. **MM GEO-2.2:** Stockpiles and excavated soils would be covered with secured tarps or plastic sheeting.	During all phases of construction.	Project applicant	City of Santa Clara's Building Division

MITIGATION MONITORING OR REPORTING PROGRAM Civic Center Family Housing Project			
Mitigation	**Timeframe for Implementation**	**Responsibility for Implementation**	**Oversight of Implementation**
MM GEO-2.3: Vegetation in disturbed areas would be replanted as quickly as possible.			
Noise and Vibration			
MM NOI-2.1: The project applicant or the applicant's contractor shall implement the following measures during construction to reduce construction vibration generated by the project: • Limit vibration-inducing equipment to the extent feasible. • Where possible, use of the heavy vibration-generating construction equipment shall be prohibited within 20 feet of the adjacent building to the west and to the north. • Use a smaller vibratory roller, such as the Caterpillar model CP433E vibratory compactor, when compacting materials within 20 feet of adjacent structures. • Modify/design or identify alternative construction methods to reduce vibration levels below the limits. • Alternative methods for breaking up existing pavement, such as a pavement grinder, shall be used instead of dropping heavy objects, within 20 feet of adjacent buildings.	During all phases of construction.	Project applicant or the applicant's contractor	Director of Community Development or the Director's designee

In addition to mitigation measures listed above, there are also other conditions of approval the project shall implement, including the following:

CONDITIONS OF APPROVAL
Construction Dust Generation
• 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 five minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of the 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 of the on-site project superintendent to contact 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.
Lead and Asbestos Removal
• 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 1532.1, 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 National Emissions Standards for Hazardous Air Pollutants (NESHAP) 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.

CONDITIONS OF APPROVAL
• 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 BAAQMD regulations. Removal of materials containing more than one percent asbestos shall be completed in accordance with BAAQMD requirements.
Construction Water Quality
• Burlap bags filled with drain rock shall be installed around storm drains to route sediment and other debris away from the drains. • Earthmoving or other dust-producing activities shall be suspended during periods of high winds. • All exposed or disturbed soil surfaces shall be watered at least twice daily to control dust, as necessary. • Stockpiles of soil or other materials that can be blown by the wind shall be watered or covered. • All trucks hauling soil, sand, and other loose materials shall be required to cover all trucks or maintain at least two feet of freeboard. • All paved access roads, parking areas, and staging areas adjacent to the construction sites shall be swept daily (with water sweepers). • Vegetation in disturbed areas shall be replanted as quickly as possible. • All unpaved entrances to the site shall be filled with rock to knock mud from truck tires prior to entering City streets. A tire wash system may also be employed at the request of the City.
Post-Construction Water Quality
• When the construction phase is complete, a Notice of Termination (NOT) for the General Permit for Construction will be filed with the RWQCB and the City of Santa Clara. The NOT shall document that all elements of the SWPPP have been executed, construction materials and waste have been properly disposed of, and a post-construction stormwater management plan is in place as described in the SWPPP for the project site. • All post-construction Treatment Control Measures (TCMs) shall be installed, operated, and maintained by qualified personnel. On-site inlets will be cleaned out at a minimum of once per year, prior to the wet season. • The property owner/site manager shall keep a maintenance and inspection schedule and record to ensure the TCMs continue to operate effectively for the life of the project. Copies of the schedule and record must be provided to the City upon request and must be made available for inspection on-site at all times. • When the construction phase is complete, a Notice of Termination (NOT) for the General Permit for Construction will be filed with the RWQCB and the City of Santa Clara. The NOT shall document that all elements of the SWPPP have been executed, construction materials and waste have been properly disposed of, and a post-construction stormwater management plan is in place as described in the SWPPP for the project site.

CONDITIONS OF APPROVAL
• All post-construction Treatment Control Measures (TCMs) shall be installed, operated, and maintained by qualified personnel. On-site inlets will be cleaned out at a minimum of once per year, prior to the wet season. • The property owner/site manager shall keep a maintenance and inspection schedule and record to ensure the TCMs continue to operate effectively for the life of the project. Copies of the schedule and record must be provided to the City upon request and must be made available for inspection on-site at all times.
Construction Noise
• Ensure that excavating, grading and filling activities, and other construction activities (including the loading and unloading of materials and truck movements) within 300 feet of residentially zoned property, including hotel properties, are limited to the hours of 7:00 a.m. to 6:00 p.m. on weekdays and between the hours of 9:00 a.m. and 6:00 p.m. on Saturdays. No construction is permitted on Sundays or holidays. • Construct temporary noise barriers, where feasible, to screen stationary noise-generating equipment. Temporary noise barrier fences would provide a 5 dBA noise reduction if the noise barrier interrupts the line-of-sight between the noise source and receptor and if the barrier is constructed in a manner that eliminates any cracks or gaps. • Equip all internal combustion engine-driven equipment with intake and exhaust mufflers that are in good condition and appropriate for the equipment. • Unnecessary idling of internal combustion engines shall be prohibited. • Locate stationary noise-generating equipment, such as air compressors or portable power generators, as far as possible from sensitive receptors as feasible. If they must be located near receptors, adequate muffling (with enclosures where feasible and appropriate) shall be used to reduce noise levels at the adjacent sensitive receptors. Any enclosure openings or venting shall face away from sensitive receptors. • Utilize "quiet" air compressors and other stationary noise sources where technology exists. • Construction staging areas shall be established at locations that will create the greatest distance between the construction-related noise sources and noise-sensitive receptors nearest the project site during all project construction. • Locate material stockpiles, as well as maintenance/equipment staging and parking areas, as far as feasible from residential receptors.

CONDITIONS OF APPROVAL
• Route construction-related traffic along major roadways and as far as feasible from sensitive receptors. • Control noise from construction workers' radios to a point where they are not audible at existing residences bordering the project site. • The contractor shall prepare a detailed construction schedule for major noise-generating construction activities. The construction plan shall include notification to adjacent residential land uses of scheduled construction activities. • Designate a "disturbance coordinator" who would be responsible for responding to any complaints about construction noise. The disturbance coordinator will determine the cause of the noise complaint (e.g., bad muffler, etc.) and will require that reasonable measures be implemented to correct the problem. Conspicuously post a telephone number for the disturbance coordinator at the construction site and include in it the notice sent to neighbors regarding the construction schedule.

Sources: City of Santa Clara. *Draft Initial Study for the Civic Center Family Housing Project.* June 2022.

CIVIC CENTER FAMILY HOUSING PROJECT
RESPONSE TO COMMENTS

The Civic Center Family Housing Project Initial Study/Mitigated Negative Declaration (MND) was prepared and evaluated in compliance with the requirements of the California Environmental Quality Act (CEQA) and the City of Santa Clara. The Initial Study/MND was circulated for 30 days from June 13 to July 12, 2022. The City received eight comment letters during the public comment period:

Comment Letters Received by the City from State, County, or Local agencies:

A.	Department of Toxic Substances Control	July 8, 2022
B.	Valley Water	July 8, 2022
C.	Santa Clara Valley Transportation Authority	July 12, 2022
C.	Sneha Shah	July 6, 2022
D.	Keyhan Sinai	July 6, 2022
F.	Jamie Lau	July 11, 2022
G	Jean Song	July 12, 2022
H.	David Bayto	July 12, 2022

This memo responses to public comments on the Initial Study/MND as they relate to the potential environmental impacts of the project under CEQA. Numbered responses correspond to comments in each comment letter. Copies of all comment letters are attached.

Comment Letter A: Department of Toxic Substances Control – July 8, 2022

Comment A-1: The Department of Toxic Substances Control (DTSC) received a Notice of Availability of a Mitigated Negative Declaration (MND) for the Civic Center Drive Family Housing Project (Project). The Lead Agency is receiving this notice from DTSC because the Project includes one or more of the following: groundbreaking activities, work in close proximity to a roadway, presence of site buildings that may require demolition or modifications, importation of backfill soil, and/or work on or in close proximity to an agricultural or former agricultural site.

DTSC recommends that the following issues be evaluated in the Hazards and Hazardous Materials section of the MND:

1. The MND should acknowledge the potential for historic or future activities on or near the Project site to result in the release of hazardous wastes/substances on the Project site. In instances where releases have occurred or may occur, further studies should be carried out to delineate the nature and extent of the contamination, and the potential threat to public health and/or the environment should be evaluated. Section 4.9 *Hazards and Hazardous Materials* of the Draft Initial Study prepared by the City of Santa Clara dated June 2022 makes reference to a Phase II Subsurface Investigation prepared by Professional Service Industries, Inc. in February 2022, but the data presented therein is not available for review as this document does not appear to be included in the Draft Initial Study. The MND should also identify the mechanism(s) to initiate any required investigation and/or remediation and the government agency who will be responsible for providing appropriate regulatory oversight.

Response A-1: DTSC is correct that the Phase II was not included in the distributed materials. The document has been provided to DTSC for review and posted to the State Clearinghouse. The findings of the Phase II are, however, summarized on page 81 of the Initial Study. As stated in the Initial Study:

> "A total of 10 soil borings were taken on the project site with soil samples taken at one and four feet bgs. Groundwater was not encountering in any soil borings. The samples were tested for chlorinated pesticides and one sample was found to have a measurable concentration of DDE at 0.054 milligrams per kilogram (mg/kg). The RWQCB Environmental Screening Levels (ESLs) for residential land uses have a threshold of 0.65 mg/kg. The level of contamination documented on-site is below the ESL residential threshold."

Furthermore, as explained on page 82 of the Initial Study, no off-site releases have impacted the project site. The analysis concluded that construction and operation of the proposed project would have a less than significant hazards and hazardous materials impact. Furthermore, the project was found to be consistent with all applicable City policies pertaining to potential safety risks for future site residents and hazardous materials. Therefore, no mitigation or oversight is required.

Comment A-2: 2. Refiners in the United States started adding lead compounds to gasoline in the 1920s in order to boost octane levels and improve engine performance. This practice did not officially end until 1992 when lead was banned as a fuel additive in California. Tailpipe emissions from automobiles using leaded gasoline contained lead and resulted in aerially deposited lead (ADL)being deposited in and alongside roadways throughout the state. ADL-contaminated soils still exist along roadsides and medians and can also be found under some existing road surfaces due to

past construction activities. Due to the potential for ADL-contaminated soil, DTSC recommends collecting soil samples for lead analysis prior to preforming any intrusive activities for the Project described in the MND.

Response A-2: As a Condition of Approval, the City will require soil sampling for lead prior to issuance of a grading permit.

Comment A-3: 3. If buildings or other structures are to be demolished on any project sites including in the proposed project, surveys should be conducted for the presence of lead-based paints or products, mercury, asbestos containing materials, and polychlorinated biphenyl caulk. Removal, demolition and disposal of any of the above-mentioned chemicals should be conducted in compliance with California environmental regulations and policies. In addition, sampling near current and/or former buildings should be conducted in accordance with DTSC's 2006 *Interim Guidance Evaluation of School Sites with Potential Contamination from Lead Based Paint, Termiticides, and Electrical Transformers.*

Response A-3: Page 81 of the Initial Study addresses the potential for lead-based paint and asbestos containing materials to be on-site due to the age of the existing building. Page 86 of the Initial Study outlines the Conditions of Project Approval required by the project to address these contaminants consistent with Cal/OSHA and Bay Area Air Quality Management District regulations. The Phase I did not identify polychlorinated biphenyls or mercury as an environmental condition.

Comment A-4: 4. If any projects initiated as part of the proposed Project require the importation of soil to backfill any excavated areas, proper sampling should be conducted to ensure that the imported soil is free of contamination. DTSC recommends the imported materials be characterized according to *DTSC's 201 Information Advisory Clean Imported Fill Material.*

Response A-4: The commenters recommendation to require sampling of imported fill (if any is required) consistent with *DTSC's 201 Information Advisory Clean Imported Fill Material* will be provided to the decision-makers during consideration of the proposed project.

Comment A-5: 5. If any sites included as part of the proposed Project have been used for agricultural, weed abatement or related activities, proper investigation for organochlorinated pesticides should be discussed in the MND. DTSC recommends the current and former agricultural lands be evaluated in accordance with DTSC's 2008 *Interim Guidance for Sampling Agricultural Properties (Third Revision).*

Response A-5: As discussed in Response A-1, 10 soil borings were taken on the project site and tested for chlorinated pesticides. Only one sample was found to have a measurable concentration of DDE at 0.054 mg/kg, which is below the ESL residential threshold.

Comment A-6: DTSC appreciates the opportunity to comment on the MND. Should you need any assistance with an environmental investigation, please visit DTSC's Site Mitigation and Restoration Program page to apply for lead agency oversight. Additional information regarding voluntary agreements with DTSC can be found at DTSC's Brownfield website.

Response A-6: This comment is noted.

Comment Letter B: Valley Water – July 8, 2022

Comment B-1: Valley Water has reviewed the Initial Study and Mitigated Negative Declaration (IS/MND) for the Civic Center Drive Family Housing Project, received on June 10, 2022. Valley Water has the following comments on the subject IS/MND document:

1. Section 4.10.1.1- Municipal Regional Permit Provision C.3 should note that the Regional Water Quality Control Board (RWQCB) has renewed the Municipal Regional Stormwater NPDES Permit on May 11, 2022 (Order No. R2-2022-0018, NPDES Permit No. CAS612008).

   Response B-1: This edit is incorporated into the Initial Study/MND by reference. See the attached errata sheet.

Comment B-2: 2. Section 4.10.1.1- Water Resources Protection Ordinance and Well Ordinance, the text should also include: "Valley Water also provides stream stewardship and is the wholesale water supplier throughout the county, which includes the groundwater recharge program."

Response B-2: This edit is incorporated into the Initial Study/MND by reference. See the attached errata sheet.

Comment B-3: 3. Section 4.10.1.1- Water Resources Protection Ordinance and Well Ordinance, the language under this section should be revised to clarify that well construction and deconstruction permits, including borings 45 feet or deeper, are required under Valley Water's Well Ordinance 90-1. Under Valley Water's Water Resources Protection Ordinance, projects within Valley Water property or easements are required to obtain encroachment permits.

Response B-3: This edit is incorporated into the Initial Study/MND by reference. See the attached errata sheet.

Comment B-4: 4. Section 4.10.1.1- 2016 Groundwater Management Plan, this section includes a subsection on Valley Water's 2016 Groundwater Management Plan. The subsection should be updated to reference Valley Water's updated 2021 Groundwater Management Plan which was adopted by the Board of Directors on November 21, 2021. The updated plan can be found at https://s3.uswest2.amazonaws.com/assets.valleywater.org/2021_GWMP_web_version.pdf.

Response B-4: This edit is incorporated into the Initial Study/MND by reference. See the attached errata sheet.

Comment B-5: 5. Section 4.10.1.2- Storm Drain System, states that the project site drains to a vegetated channel based on Valley Water's Storm Drain Catchment Map. Valley Water's catchment map notes the site drains to the Guadalupe River; however, it is not clear from the discussions in the MND if the drainage from the site is directed to storm drains that discharge to the Guadalupe River or San Tomas Creek. Please revise the document for consistency and accuracy.

Response B-5: The Initial Study/MND will be edited to correct the reference to Guadalupe River. See the attached errata sheet.

Comment B-6: 6. Section 4.10.1.2- Stormwater Drainage, states that "all stormwater enters Guadalupe River through the existing stormwater discharge system" which conflicts with Section 4.10.1.2 on page 93 which states that "all stormwater enters the San Tomas Aquino Creek through the existing stormwater drainage system". The discussion about drainage at the site should be consistent throughout the document.

Response B-6: Refer to Response B-5.

Comment B-7: 7. Section 4.10.1.2- Dam Failure and Section 4.10.2- Impact HYF-4, describes the project as within both the Lexington Dam and Anderson Dam failure inundation zones; however, the project site is only located within the James J. Lenihan Dam on Lexington Reservoir failure inundation zone. Anderson Dam should be removed from the discussion.

Response B-7: The Initial Study/MND is correct as written. Page 94 and 99 of the Initial Study/MND specifically state that the site is outside the Anderson Dame inundation zone.

Comment B-8: 8. Section 4.21- Cumulative Hydrology Impacts, states "the geographic area for the cumulative hydrology and water quality impacts is the San Tomas Aquino Creek Watershed". This should be corrected to the Guadalupe River Watershed.

Response B-8: This edit is incorporated into the Initial Study/MND by reference. See the attached errata sheet.

Comment B-9: 9. The buildout of the project will increase water use by an estimated 36 acre-feet per year. Although the MND concludes that the project can be accommodated by existing and planned water sources, given regional and state-wide challenges with water supply, water use should still be reduced to the greatest extent possible. Potential opportunities to minimize water and associated energy use include requiring water conservation measures from the Model Water Efficient New Development Ordinance, which include:

- Hot water recirculation systems.
- Require installation of separate submeters to each unit in multi-family developments and individual spaces within commercial buildings to encourage efficient water use - studies have shown that adding submeters can reduce water use by 15 to 30 percent.
- Graywater dual distribution plumbing.
- Encourage non-potable reuse of water like recycled water, graywater, and rainwater/stormwater in new development and remodels through the installation of dual plumbing for irrigation, toilet flushing, cooling towers, and other non-potable water uses.
- Require dedicated landscape meters where applicable.
- Weather- or soil-based irrigation controllers.

If you have any questions, you may reach me at (408) 630-2479, or by e-mail at LBrancatelli@valleywater.org. Please reference District File No. 34738 on future correspondence regarding this project.

Response B-9: The commenter's recommendations for reducing water usage on-site will be provided to the decision-makers. This comment does not speak to the adequacy of the Initial Study/MND, and no text edits are required.

Comment Letter C: Santa Clara Valley Transportation Authority – July 12, 2022

Comment C-1: VTA appreciates the opportunity to comment on the IS/MND for the Civic Center Drive Family Housing Project at 1601 Civic Center Drive. VTA has reviewed the document and has the following comments:

Pedestrian Improvements
This project is located one block from El Camino Real, VTA's highest ridership roadway. VTA recommends this project install or upgrade existing crosswalks at the Civic Center Drive/Lincoln Street intersection to high visibility to facilitate more comfortable crossings at this intersection. As this intersection is also skewed, VTA suggests the long crossings be shortened through curb extensions with to help tighten the turning radii and slow drivers down in the area. Installing a curb extension at the northwest corner of the intersection would provide room for new ADA-compliant directional curb ramps that would serve both crosswalks. This should enhance the proposed improvements in the city's Pedestrian Master Plan for the intersection of Lincoln Street/El Camino Real, one block south.

> **Response C-1:** The commenter's recommendations for pedestrian improvements will be provided to the decision-makers. This comment does not speak to the adequacy of the Initial Study/MND, and no text edits are required.

Comment C-2: Bicycle Improvements
VTA appreciates the project including a bicycle storage room for residents. VTA recommends the project increase the number of available spaces to at least match 1 space per unit (108 spaces) to meet VTA's recommended bicycle parking guidance in Chapter 10 of our Bicycle Technical Guidelines. This can be accessed at https://www.vta.org/sites/default/files/2022-03/vta_bicycle_technical_guidelines_complete_1.pdf.

The Revised Development Plans from May 2022 show that the bicycle room is located on the east side of the building. VTA recommends the access from the room directly out to Lincoln Street be removed to reduce the risk of theft. Doing so will allow for more wall space to fit more bicycle spaces. VTA also recommends that the door into the room from the garage have ADA-compliant kick plates to automatically open. Industrial strength sliding doors are recommended over swinging doors as the closing of the door can be timed for ADA compliance while also helping to prevent unwanted people from tailgating behind users. The path of travel should be well lit. Any elevators for the project should accommodate multiple large bicycles.

> **Response C-2:** The commenter's recommendations for bicycle improvements will be provided to the decision-makers. This comment does not speak to the adequacy of the Initial Study/MND, and no text edits are required.

Comment C-3: AHSC Grant Potential
VTA believes this project would be highly competitive for the Affordable Housing and Sustainable Communities (AHSC) Grant administered by the California Department of Housing and Community Development. The AHSC Grant funds land-use, housing, transportation, and land preservation projects to support infill and compact development that reduce greenhouse gas emissions. VTA would like to begin working with the City and the developer to strategize for an AHSC application because this project proposes a high number of affordable housing units near Route 22 and Rapid 522 routes that are major bus corridors and frequent (15 minute) routes. Close collaboration between

developer, City of Santa Clara and VTA can make for a highly competitive application. VTA has had two calls to date with the developer and their technical assistance provider Enterprise Community Partners. VTA has experience working on five AHSC applications to date, include two awards in 2019 in partnership with the City of San Jose and one award in 2021 for a VTA project in San Jose at Tamien Station.

Potential El Camino Real Qualifiable AHSC Improvements
• Transit signal priority upgrades
• Bus stop enhancements
• ADA improvements near bus stops
• Protected bikeway enhancements
• Intersection safety enhancements
• Sidewalk improvements

Santa Clara Station Qualifiable AHSC Improvements
Recent discussions and briefings have occurred between the BART Silicon Valley II program team and VTA planning about future coordination of bicycle and pedestrian station amenity improvements at the Santa Clara Station. Qualifiable AHSC improvements could be included in a 1601 Civic Center Drive AHSC grant at this location because Route 22 and Rapid 522 both serve the station. Potential improvements could include the following:
• Bicycle ramps
• Escalator installation or improvements
• Bus stop enhancements
• Real-time information signs
• Marketing or advertising signs
• Gateway, signage or customer wayfinding enhancements

> **Response C-1:** If the project is approved and the grant opportunities are sought, the City will coordinate with the VTA. This comment does not speak to the adequacy of the Initial Study/MND, and no text edits are required.

Comment Letter D: Sneha Shah – July 6, 2022

Comment D-1: I am greatly concerned and absolutely condemn the new construction proposed by Charities Housing at 1601 Civic Center Dr, Santa Clara. They are not ethical and have provided no due diligence to the property and are an absolute nuisance as a neighbor.

Their environmental study of the project is an example of their bad ethics and lack of diligence. Our neighbors have the following concerns that should be addressed, otherwise we feel the city and council have failed us.

- Transportation Study recommends the project to have only one driveway entrance to reduce pedestrian and traffic safety risk. The project currently plans to have two driveways – one on Civic Center Drive adjacent to Triton Court, another one on Lincoln Street. Our community requests to have the driveway on Lincoln Street only and away from existing homes on Civic Center Drive. The developer was unable to accommodate it.

Response D-1: While the traffic study recommends one driveway, the City has concluded that two driveways are necessary due to site constraints and for distribution of traffic and to reduce noise.

Comment D-2: The security risks of the open parking lot adjacent to Triton Court are not considered in the environmental study. The open parking lot is currently not designed with any security gate and is out of sight from the main street. This can become a hidden alley for dumping, car break-ins and other criminal activities. Even if it is designed with a secured gate, according to posted tenant comments from other CH properties, broken security gates are not fixed promptly.

Response D-2: All proposed projects in the City undergo review by the Santa Clara Police Department (SCPD). The SCPD did not identify any issues with the proposed design. The driveway and parking lot would be visible at all times by the residents of the project site. Furthermore, the proposed driveway and associated parking lot on Civic Center Drive has better visibility from publicly accessible viewpoints than the adjacent driveway and parking lot located between the church and Triton Court.

The commenter provided no documentation regarding the purported comments from other CH properties. As such, no evaluation of these comments can be made by the City and no response is possible.

Comment D-3: Transportation Study did not consider the sight distance for drivers coming out of Triton Court with the new driveway at Civic Center Drive from the project. Both driveways are very close together and may be a safety risk if the drivers from both driveways are coming out simultaneously.

Response D-3: The transportation study did address the potential conflicts from the proposed location of the driveways on-site. As discussed on Page 4 of the transportation study, drivers must be able to see 200 feet in both directions to be able to safely enter/exit the proposed driveways. The project would meet this criterion. The project drive on Civic Center Drive would also be approximately 100 feet from cars exiting Triton Court. Given the site distances and the distance between exiting cars at both driveways, the proposed project would not create a safety risk for persons exiting Triton Court.

Comment D-4: Parking study was not considered as part of the environmental study. Project's less than 1:1 parking space to unit ratio will burden the existing street parking situation. Also, the project may eliminate many street parking along its frontage at Civic Center Drive as it could be red-zoned for sight clearance, while some for white-zoned for loading as recommended by the Transportation Study.

Response D-4: Parking or lack thereof is not considered a physical effect under the California Environmental Quality Act (CEQA) and is, therefore, not addressed. A project need only meet the City's parking requirements. The potential loss of street parking is also not a physical effect under CEQA. Per the Santa Clara Fire Department and Public Works, the City will allow a loading zone and will require the red curbs as recommended by the traffic report.

Comment D-5: Shadow study was not considered at all, though there is a negative impact to the adjacent family homes.

Response D-5: The City of Santa Clara does not have a threshold by which to address increased shading by any project. Therefore, shading was not addressed in the Initial Study.

Comment D-6: Noise Study uses a noise threshold (90 dBA) from a 2018 Federal Transit Administration (FTA) assessment as a criteria to determine construction noise impact to residential homes. The FTA assessment noted its criteria is not meant as construction standards for all, but CH's noise study decided to use that on a residential project study. FTA projects are mostly construction for transportation projects like train stations and rail lines in populated areas, the guidelines are therefore likely to have a higher noise threshold. This standard may not be suitable for the 1601 Civic Center site. The noise study should have used residential construction guidelines from similar projects in kind, and considered the delta to existing ambient noise instead. The study has used 90 dBA as a threshold and that's equivalent to a lawn mower.

Response D-6: The noise study was commissioned by the environmental consultant under direction by City staff. The project applicant has no authority over the analysis in the Initial Study/MND or the methodologies used in the analysis.

The commenter mischaracterized the language in the FTA manual. Chapter 7, page 172 of the PDF document (https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123_0.pdf) specifically states:

> "Generally, local noise ordinances are not very useful for evaluating construction noise impact. They usually relate to nuisance and hours of allowed activity, and sometimes specify limits in terms of maximum levels, but are generally not practical for assessing the impact of a construction project. Project construction noise criteria should take into account the existing noise environment, the absolute noise levels during construction activities, the duration of the construction, and the adjacent land uses. While it is not the purpose of this manual to specify standardized criteria for construction noise impact, the following guidelines can be considered reasonable criteria for assessment. If these criteria are exceeded, there may be adverse community reaction."

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 does not have adopted construction noise thresholds. As such, the City and the noise consultant concluded that the FTA thresholds represent reasonable criteria to quantify construction noise impacts, consistent with other local jurisdictions. This is an accepted industry standard, in the absence of local criteria. Therefore, the thresholds and methodology used to assess construction noise impacts from the proposed project are appropriate.

Comment D-7: The permanent noise impact study did not consider the scenario when a car with loud exhaust and building fire alarms can affect permanent noise level of adjacent homes. Also, delivery trucks and moving trucks coming in and out frequently on the Civic Center Driveway were not considered.

Response D-7: Both car exhaust and building fire alarms are temporary noise events. In order for either of these events to result in a permanent increase in ambient noise levels, these events would have to occur non-stop over an extended time period (multiple hours) every day. This is not an accurate or reasonable representation of a residential project. CEQA does not allow for speculative analysis (Section 15145).

It is not clear what the commenter considers frequent with regard to delivery trucks and moving trucks, but it would be speculative to assume that the proposed project would have any greater frequency of these types of events than other types of housing as this is not temporary housing.

Comment D-8: The environmental study did not consider the project's architectural aesthetic to the surrounding due to being an affordable high-density housing. In some neighbor's opinions, The 5-story building does not fit in with the adjacent 2-story homes, or surrounding homes.

Response D-8: As discussed on page 19 of the Initial Study, the project side is located in a transit priority area as designated by the Metropolitan Transportation Commission (MTC) and Association of Bay Area Governments (ABAG). Consistent with state law, residential in-fill projects in transit priority areas shall not be considered to have a significant aesthetic impact on the environment. Furthermore, while the houses immediately adjacent to the project site are two-story, there are three-story townhouses and a seven-story apartment complex in the immediate vicinity (Civic Center Drive and Warburton). As a result, a five-story building would be consistent with the mix of residential densities in this area.

Comment D-9: The project is not close to a transit hub like a BART or Caltrain station. There's only bus stops nearby with infrequent services unless it's peak hours. Public transportation is not a reliable option for daily commute for work or school at this site. There is no bus route going to Buchser Middle School and Santa Clara High School.

Response D-9: The project site is within 1,000 feet of two bus stops which are served by Bus 22, the most active bus line in the County which runs from Palo Alto to East San José. Also, within 2,000 feet (standard transit access walking distance) are Routes 32, 59, and Rapid 522 (see page 142-143 of Initial Study). Bike lanes are also planned on El Camino Real. As such, the site is well suited for the proposed project as it is also within walking or biking distance to shopping and services on El Camino Real.

Comment D-10: The schools' existing capacity in the Initial Study was sourced from a 2017 data, which is about 5 years old. The Santa Clara High School enrollment is already operating over capacity according to the study with the old data. Also, to a neighbor's knowledge, Busher Middle School has no more space for newcomers as it does not accept a second round of enrollment for 2022, indicating operating at capacity. The school impact study may not be accurate due to old data being used. The mitigation for school impact is for the project to pay fees to the school district to offset the impact, but will the schools be able to implement changes to provide adequate spaces to neighborhood students?

Response D-10: Existing capacity is the number of students that can be reasonably accommodated by a school. None of the schools analyzed have been expanded or modified since 2017, so the existing capacity numbers provided by the school district are valid. Current enrollment numbers were provided by the California Department of Education and represent the best available data at the time the analysis was completed. As the commenter noted, the mitigation for additional students is to pay the school impact fee. School impact fees are discussed on Pages 129 and 134 of the Initial Study/MND. As noted on Page 129, "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])."

Each school utilizes the monies as necessary to accommodate any additional students. As this is deemed appropriate and adequate mitigation by the state, no further mitigation is required.

Comment D-11: The project does not have underground parking as encouraged by City's General Plan guidelines.

Response D-11: General Plan Policy 5.3.2-P3 encourages but does not require below-grade or structured parking, so the proposed parking is not inconsistent with this policy.

Comment D-12: The general plan amendment and rezone from commercial to residential for 1601 Civic Center will permanently remove the commercial land use that was designated to serve the planned residential areas surrounding the location, as City Hall, church and medical building lots' planned use until 2035 is residential. The amendment and rezone of site in question does not align with City's General Plan and is shortsighted.

Response D-12: Changing a land use from commercial to residential in a mixed-use area with adjacent residential is not inconsistent with the existing development in the area. Furthermore, the City has a jobs/housing imbalance (Page 126 of the Initial Study/MND) and must continue to build housing to meet state mandated housing requirements. Currently, the City must build 11,632 new housing units by 2031 under the Association of Bay Area Governments Regional Housing Needs Allocation (RHNA). The RNHA is mandated by state law.

Comment Letter E: Keyhan Sinai – July 6, 2022

Comment E-1: I hereby strongly and formally object to the "mitigated negative declaration " or MND prepared pursuant to CEQA, for the proposed 1601 Civic Center Drive project.

I believe there is not adequate mitigation for the problems below.

My home at 1691 Triton Ct. is identified as RED on page 36 of the MND report, and is wall-to-wall with 1601 Civic Center Drive. As I understand my home will be exposed to dangerously high cancer-causing agents from the construction site equipment for an extended period of time. We do not believe the mitigation measures proposed will reduce the risk of exposure to cancer and other toxic agents adequately or mitigate the risk of accidents and malfunctions. We do not feel safe breathing the air in our home if/when this project starts.

Response E-1: This comment is noted. Please see responses to specific comments below.

Comment E-2: Please note the following points:

1. Charities Housings Credit History of mitigation efforts is terrible. Their mitigation measures (a $2000 perimeter fence) came too late and exposed our homes for 13 months to petty crime and blight a few yards from our property line culminating in dumping of a toilet tank full of human feces within a few yards of our home which took them 4 days to clean. We suffered 4 days of intolerable odors and exposure to airborne bacteria and viruses from the dumped human feces during the peak of the Covid-19 crisis. Charities Housing was nowhere to be seen during any part of our 13 month ordeal to take any mitigation steps. FYI The dumping of feces was reported by us not them. Stating that we "did not know" makes matters worse (how can you not know for 13 long months?) and is proof of negligence, lack of accountability and a cavalier attitude towards neighbors' safety and well being. We have no reason to believe Charities Housing will take responsibility for the hazards and nuisance it has imposed or will impose upon its neighbors in

the future. Hiding under the cover of a "mitigated negative declaration" does not absolve them of responsibility and does not address the true actual risks to us neighbors, with my home being one of the most impacted.

Response E-2: As stated on Page 1 of the Initial Study, the City of Santa Clara is the Lead Agency for this project and prepared the Initial Study/MND in accordance with CEQA, the CEQA Guidelines (California Code of Regulations §15000 et. seq.) and the regulations and policies of the City of Santa Clara, California. Project applicants are not involved in the preparation of the CEQA documents and are required through permitting processes and regulatory oversight to properly implement the mitigation measures and conditions of approval identified in the Initial Study/MND.

The intent and purpose of the Initial Study/MND is to provide the public and decisions-makers with an accounting of the physical environmental effects which may result from construction and implementation of the proposed project. The law does not allow for the CEQA analysis to address current operational issues of a property.

Comment E-3: 2. Absent 24/7 3rd-party monitoring of construction equipment we have no reason to believe we are safe from exposure to cancer causing agents. However, considering how cost sensitive (i.e. cheap) Charities Housing has been in the past, they will figure ways of making short cuts to the cost of preserving our safety and security. Even with a stringent monitoring regime the risks are too high as stated below:

3. Even with effective 24/7 3rd-party monitoring there is a high risk of industrial accidents, malfunctions, power loss or interruption in monitoring that will result in dangerously high exposure for finite periods of time with unpredictable and potentially horrendous long term effects.

Response E-3: It is assumed that the commenter is referring to the toxic air contaminants (TAC) analysis in the air quality report. As noted by the commenter in Comment E-1, Figure 1 of Appendix A shows the commenters house with a red circle on it. This denotes that this house would experience the highest concentration of emissions during construction on the project. As discussed on Pages 35-37 of the Initial Study/MND, the project will be required to implement mitigation measures to reduce emission impacts to this receptor and all other nearby receptors to a less than significant level. This means below the thresholds established by the Bay Area Air Quality Management District (BAAQMD).

While the air quality analysis did identify an impact which would exceed the BAAQMD thresholds, the BAAQMD thresholds are based on a 70-year exposure to the emissions, so the actual risk is far less than what is calculated for project construction. Construction is estimated to be 18 months. Also, the cancer risk impact is based on the respiratory rates of infants, which are different than children and adults. The analysis did not find an impact to children or adults.

The threshold established by BAAQMD for cancer risk is 10 cancer cases per one million people exposed. With mitigation the infant cancer risk is reduced to 5.99 cases per million people based on a 70-year exposure. For annual $PM_{2.5}$ emissions, the BAAQMD threshold is 0.3 micrograms per cubic meter ($\mu g/m^3$). With mitigation, the $PM_{2.5}$ emissions would be reduced to 0.15 $\mu g/m^3$. Therefore, with implementation of the identified mitigation measure on Page 36 of the Initial Study/MND, the proposed project would have a less than significant construction air quality impact on all adjacent and nearby sensitive receptors.

The mitigation would be enforced by the City. Furthermore, as noted on Page 33 of the Initial Study/MND (under Conditions of Approval), a publicly visible sign will be posted on-site

with the numbers for the on-site project superintendent and the Air District to ensure compliance with applicable regulations.

Comment E-4: 4. In addition, there will be 90db noise from the construction site a few yards away from our fence. The City code for maximum noise level in residential areas is 55db from 7am-10pm and 50db at night. Why are we being asked to put up with 90db noise a few yards from our home when the City noise code mandates significantly less noise levels by orders of magnitude? The Table below shows the difference in power (loudness) between 55db and 90db is more than 10000 times!

Response E-4: Refer to Response D-2.

Comment E-5: In addition the noise from fire trucks and fire drills, which are often conducted at mid night to emulate real-time conditions, will deprive us of sleep, with fire trucks running their engines right behind our homes. We have repeatedly asked not to place a fire lane or parking access behind our homes and to block access from Civic Center Drive to the 1601 site along the Triton Ct. property line. This is based on our actual experience during 13 months with problems associated with such access.

Response E-5: This is a housing project and like all other multi-family housing projects in Santa Clara, the Fire Department would not be conducting fire drills at this location. Any and all use of the fire lane by first responders would be for actual emergencies. It would be speculative to assume that emergency calls to this site would be substantially greater than for any other multi-family residential property in the City.

Comment E-6: Is our actual experience and observations over 13 months not more relevant than a hypothetical study based on potentially incomplete models? So far our request for blocking access from Civic Center Drive along Triton Ct.'s property line has been ignored. Noise from traffic and fire trucks are a major environmental nuisance. Suffering sleep deprivation due to noise for an extended period of time as we did during our 13 month ordeal has long term health and economic adverse consequences. Many of us still work from home and will not be able to do so because of noise levels.

dB	Power ratio	Amplitude ratio
100	10000000000	100000
90	1000000000	31623
80	100000000	10000
70	10000000	3162
60	1000000	1000
50	100000	316.2

40	10000	100
30	1000	31.62
20	100	10
10	10	3.162
6	3.981 ≈ 4	1.995 ≈ 2
3	1.995 ≈ 2	1.413 ≈ $\sqrt{2}$
1	1.259	1.122
0	1	1
−1	0.794	0.891
−3	0.501 ≈ ½	0.708 ≈ $\sqrt{½}$
−6	0.251 ≈ ¼	0.501 ≈ ½
−10	0.1	0.3162
−20	0.01	0.1
−30	0.001	0.03162
−40	0.0001	0.01
−50	0.00001	0.003162
−60	0.000001	0.001
−70	0.0000001	0.0003162

−80	0.00000001	0.0001
−90	0.000000001	0.00003162
−100	0.0000000001	0.00001

Response E-6: Based on the Community Crime Map for the City of Santa Clara (https://communitycrimemap.com/) there have been no calls for service to the project site between January 1, 0221 and July 12, 2022. Fire Department data is not available on-line. As noted in Response E-2, the intent and purpose of the Initial Study/MND is to provide the public and decisions-makers with an accounting of the physical environmental effects which may result from construction and implementation of the proposed project. The law does not allow for the CEQA analysis to address current operational issues of a property. The current commercial operation of the site is not equivalent to the proposed project and the current conditions on-site cannot be extrapolated into the analysis of future operations of a housing development.

As discussed on Pages 117-118 of the Initial Study/MND, operation of the proposed project would not result in a substantial permanent increase in ambient noise levels from either traffic or building operations and would have a less than significant impact. While construction noise would occur during allowable construction hours (Monday through Friday 7:00am to 6:00pm) for a period of 18 months, a noise control plan is required as a condition of approval.

Comment E-7: 5. As you are aware we have objected to the shadow study and statement in the FAQs posted on the City Project web site that " there is no additional shadow line impact on the neighboring properties when comparing the existing two-stories office building with a 10 ft setback ..."

The above statement is simply false: If you carefully examine Charities Housing's own shadow analysis it clearly shows there is no shadow from the existing building onto my home most of the year (Spring, Summer, Fall). I take issue with the only image showing some shadow during the Winter. I live in this home and currently have no building in my line of sight casting a shadow or blocking my view of the sky. How can a comparison of shadows cast onto my property with the existing building be correct?

I respectfully request a correction to the FAQ.

Response E-7: The shade and shadow study provided by the applicant shows the property at 1691 Triton Court as being cast in varying degrees of shadow from the proposed building in the morning hours throughout the year. The shade and shadow study shows the property at 1691 Triton Court to only be in shadow during the morning winter months under existing conditions. As a result of the applicant's shade and shadow study, an increase in shading on the commenter's property from the project is shown. No change to the diagram is necessary. This comment does not speak to the environmental analysis.

Comment E-9: Conclusion: The primary reason these risks are magnified and don't lend themselves to adequate mitigation is the density of the project and its proximity to our homes. The mitigation models are not incorporating the effect of actual risks. How are the risks of a malfunction or accident

modelled? How are the effects of long term ambient noise on our health, sleep, and sanity modelled? We therefore strongly object to the project which poses a long-term health hazard even after mitigations, and emphatically ask that Charities Housing relocate its project to a more suitable location with less adverse impact upon their neighbors, and do so before they cause more damage to their wall-to-wall neighbors than they already have.

Response E-9: Refer to Responses E-2 through E-7.

Comment Letter F: Jamie Lau – July 11, 2022

Comment F-1: Earlier on 6/24 I have submitted questions for the 1601 Civic Center Initial Study. Please don't take those as public comments. They are interim questions for the public outreach meeting and some of them have been answered, leading my final comments.

Please use below for my final public comments instead:

1. The 5-story high-density tall building does not fit in with the adjacent 2-story single family homes, this is a significant discount of aesthetics and property value to the adjacent family homes. This consideration should be included for the approval process.

Response F-1: While the houses immediately adjacent are two-story, there are three-story townhouses and a seven-story apartment complex in the immediate vicinity (Civic Center Drive and Warburton). So, a five-story building would be consistent with the mix of residential densities in this area. For additional reference, the proposed building would be setback 67 feet from the shared property line with the adjacent two-story residences and Civic Center Drive is 50 feet wide.

Comment F-2: City of Santa Clara has the opportunity to implement inclusive planning to mandate percentage of affordable housing units with any new regular market rate homes. There are also vacant lots elsewhere in the City more suitable for high-density affordable housing with less social and environmental impact to the surrounding. The site selection at 1601 Civic Center Drive is not suitable for the community in many ways.

Response F-2: This comment does not speak to the adequacy of the Initial Study/MND, and no text edits are required.

Comment F-3: 2. High-density of concentrated low income housing contradicts the City's planning policies that affordable housing units should be dispersed throughout the City to avoid a concentration in any neighborhood. This Project will bring over 100 units in a small parcel of land - it is concentrated in one neighborhood. I understand the need of building more housing to solve homelessness, but such high-density affordable housing should be planned on a busy street away from quiet residential neighborhood for lesser social and environmental impact, and closer to a transit hub, such as a CalTrain or BART station for mobility. This project is neither.

Response F-3: The intent of the City's policy is to avoid having all affordable units within one neighborhood or area of the City. Dispersal means throughout all neighborhoods. Relative to the number of affordable units the City has and still needs to build, having 106 units in this area is not inconsistent with the policy. For reference, the City needs to build 4,525 affordable units by 2031. This project represents two percent of the total new units

required Citywide. When added to the existing and approved affordable units, the project represents less than two percent of the total affordable units Citywide.

City policy also states "Encourage higher-density residential development in transit and mixed-use areas and in other locations throughout the City where appropriate. This site meets both criteria. The project site is within 1,000 feet of two bus stops which are served by Bus Route 22, the most active bus line in the County which runs from Palo Alto to East San José. Also, within 2,000 feet (standard transit access walking distance) are Routes 32, 59, and Rapid 522 (see page 142-143 of Initial Study). The Santa Clara Transit Station is easily accessible from the project site using Bus Route 22 which runs 24 hours per day with buses running every 15 minutes. Bike lanes are also planned on El Camino Real. As such, the site is well suited for the proposed project as it is also within walking or biking distance to shopping and services on El Camino Real.

Comment F-4: 3. The plan amendment and rezoning of 1601 Civic Center is shortsighted. It is the only designated neighborhood commercial planned use outside of El Camino Real for the Civic Center community in City's General Plan. The planned commercial land use can be local services that neighbors can safely walk to. We do not want to lose the only land that can serve as a commercial use to Civic Center neighbors in the years to come, considering all surrounding parcels will be planned for residential use in City's General Plan. Please use common sense and considerations for existing neighbors when determining the plan amendment approval.

Response F-4: This comment does not speak to the adequacy of the Initial Study/MND, and no text edits are required.

Comment F-5: 4. In the construction noise impact analysis, the study opted to use a guideline from FTA noise assessment, which is intended for transportation projects like trains stations/lines in populated areas. The assessment stated the guidelines are not meant as industry standards for all projects. The noise threshold of 90 dBA is especially high for a quiet residential neighborhood like Civic Center's. Study should consider the delta from existing ambient noise and construction noise in determining impact level.

Response F-5: See Response D-6.

Comment F-6: 5. The project-generated permanent noise study did not consider scenario of cars with loud exhaust in the open parking lot.

Response F-6: See Response D-7.

Comment F-7: 6. The Project plans an open parking lot located adjacent to existing Triton Court single family homes. First, open at-grade parking lot design is not encouraged by City's planning policies. Secondly, as the parking lot being situated discreetly away from a main street, it will attract crimes and dumping. As a consideration to the community's safety and social impact, the Project should be designed with an underground parking lot and secured gate. The developer expressed no intent to build an underground parking structure due to cost.

Response F-7: See Responses D-2 and D-11.

Comment F-8: 7. Project's planned 5-story building will have shadow impact to adjacent existing homes. It was evident in Developer's initial project info. However, shadow impact was not discussed in the Initial Study. The shadow impact should be properly investigated.

Response F-8: See Response D-5.

Comment F-9: 8. The Transportation Study from Appendix F recommended only one entrance should be planned for the Project, but it currently plans two entrances - one on Civic Center Dr and another one on Lincoln Street. The recommendation is to reduce pedestrian and traffic safety incidents, as more entrances increases risks of collisions. The Project should follow the study's recommendation to keep only one entrance, and that entrance should be on Lincoln Street.

Response F-9: This comment does not speak to the adequacy of the Initial Study/MND, and no text edits are required.

Comment F-10: 9. The Transportation Study from Appendix F did not mention there is no bus route from Project site going to Buscher Middle School and possible transit modes to the school. Only Santa Clara High School and Scott Lane Elementary School are discussed for the topic.

Response F-10: The transportation analysis acknowledges all three schools that would serve the project site and their distance from the site. In addition, the analysis outlines the available pedestrian and bicycle routes. Because the analysis provides a description of all transit access currently available to the three schools, it can be inferred that there is no transit access readily available to the middle school. It is acknowledged that most students are expected to be driven or will drive to school.

Comment F-11: 10. The Transportation Study from Appendix F recommended the Project to have white-lined zone and red-lined zones along the Project's frontage on Civic Center Drive. This will remove street parking on Civic Center and burden the already tighten parking situation.

Response F-11: See Response D-4.

Comment F-12: 11. No where on the development plan indicating the Project's parking will be assigned or not. The plan should list that as a design commitment on the design plan.

Response F-12: This comment does not speak to the adequacy of the Initial Study/MND, and no text edits are required.

Comment F-13: 12. The Project Listing summary page should accurately reflect the total number of units as 108 instead of 106 without the two management units.

Response F-13: The total number of units proposed is 108, with 106 rental units and two manager units. For the purposes of CEQA and the environmental analysis, the composition of the 108 units is not relevant as each residential unit is treated the same with regard to traffic generation, utility usage, public services usage (including student generation), etc.

Comment F-14: 13. School enrollment impact study uses data from 2017, that's about 5 years old. The Santa Clara High School is already reaching capacity per the 2017 data. To my knowledge, Buscher Middle School is also reaching capacity as it does not accept second round of open enrollment; the study shows no impact to Busher Middle School, which is likely false. The mitigation for school enrollment impact is for the developer to pay a fee to the district. The study should involve the school district to provide current enrollment status and if the district is able to mitigate the problem with fees paid. The report does not show the school district was involved in the study.

Response F-14: See Response D-10.

Comment F-15: 14. Appendix D indicates Charities Housing did not return the User Questionnaire per EPA, therefore, environmental liens and activity and use limitations are not evaluated. Should these be evaluated for the study?

Response F-15: The lack of a user questionnaire does not invalidate the Phase I Environmental Site Assessment or the analysis in the Initial Study/MND. While these are helpful to gather information on a specific site, the analysis is reliant on a site reconnaissance completed by the hazardous materials consultant and a review of all available regulatory databases.

Comment F-16: 15. Sanitary Sewer Study from Appendix G indicates a sewer pipe will reach 82.2% capacity with the development. Did City of Santa Clara sanitary department review this finding and consider that's an acceptable number?

Response F-16: The Sanitary Sewer Study is commissioned by the City and reviewed for accuracy prior to being provided to the environmental consultant. Had the study identified any capacity issues resulting from the project, the project would be conditioned by the City to make the necessary improvements. The City did not identify any capacity issue which would require an upgrade to the current infrastructure by the project applicant. As discussed on Page 156 of the Initial Study/MND, City staff concluded that there is sufficient capacity to serve the proposed development.

Comment Letter G: Jean Song – July 12, 2022

Comment G-1: This is Jean, a resident of the Civic Center Drive neighborhood. I read the environmental report and read the reviews of existing Charities Housing (CH) in the bay area. The more I read and learned, the more I'm concerned about this project.

I'm afraid CH barely cares about the living conditions of their residents. Hardly does CH show respect to the neighbors. I'll write in the aspects of transportation, safety and security, amenities and construction impacts.

Response G-1: Responses to specific comments are provided below.

Comment G-2: 1) Transportation
They plan to build 108 units with only 82 parking spaces at most. Note that the average car ownership in Santa Clara county is 2 cars per household. That means, 134 cars of the residents of CH are expected to do street parking. But the current parking in the neighborhood is already overcrowded. You can find _zero_ parking spot after 4pm in Civic Center Dr. I can't imagine what the residents can do after they come back from work but can't find a parking spot.

Response G-2: See Response D-4. A project need only meet the applicable parking requirements. The City of Santa Clara parking ratios are not derived from average car ownership. Parking requirements are based on land use type and take into account mitigating factors such as mixed use, affordable housing, proximity to transit, and the Density Bonus law (when applicable) as noted by the commenter. Per Assembly Bill 2345, 100 percent affordable housing projects within one-half miles of a major transit stop are only required to provide 0.5 spaces per unit. By state law (Government Code Section 65915), the project is required to provide 54 parking spaces, but is proposing 82.

Comment G-3: According to the outreach meeting organized by CH, their focus of this project is the people who make 30-50% AMI. These are working people who need to commute every day. With the poor transportation nearby (no caltrain, no VTA light rail, only 2 bus routes to Palo Alto and Baypointe station), the residents have to commute mostly by cars.

I also learned that 25% of the residents would be those who have risks to become homeless. They either recently lost their jobs, or have some medical conditions. These people either have to look for jobs actively, or need to commute to hospitals frequently. In either case, they need cars to commute.

82 parking spaces are absolutely far from enough. However, CH refused to provide enough parking space to their residents. They rejected the suggestion to build underground parking. I don't understand why they can't accommodate, but they don't seem to care about their residents, let alone the burden that will be posed upon the neighborhood.

> **Response G-3:** See Responses D-4 and D-9.

Comment G-4: 2) Safety and security
According to the reviews of other CH locations in the Bay Area, there're many car break-ins. This poses a big risk to the neighborhood. Is CH prone to attract crimes? Does CH do any security or background check to the future residents? As someone living within 2-min walk from the proposed location, I'm really worried about the change that would be brought by the project. Will it be safe to walk in the neighborhood any more? Will there be break-ins to cars and even houses? How could we protect our fences?

> **Response G-4:** This comment does not speak to the environmental analysis. The intent and purpose of the Initial Study/MND is to provide the public and decisions-makers with an accounting of the physical environmental effects which may result from construction and implementation of the proposed project. The law does not allow for the CEQA analysis to address speculative future scenarios.

Comment G-5: The proposed project creates an entry driveway along the wall with Triton Ct, and their proposed parking lot just faces Triton Ct. How much impact would be on the existing residents?

> **Response G-5:** It is unclear what potential impacts the commenter is referring to. With regard to parking lots, the primary issues under CEQA are noise and lighting. Both were addressed in the Initial Study/MND. Light and glare is discussed in Section 4.1.2 (Page 19) of the Initial Study/MND. Operational noise is discussed on Pages 117-118 of the Initial Study/MND.

Comment G-6: 3) Amenities
Lots of CH residents complain that the places are full of bed bugs and roaches. How CH manages the places is a big question. CH isn't willing to treat these bugs before the move-in of new residents. Again, this shows how little CH cares about their residents.

> **Response G-6:** The intent and purpose of the Initial Study/MND is to provide the public and decisions-makers with an accounting of the physical environmental effects which may result from construction and implementation of the proposed project. The law does not allow for the CEQA analysis to address current operational issues of properties that are not part of the proposed project.

Comment G-7: One reason that CH selected this location is the Warburton medical plaza. However, that plaza only offers urgent care and treatment for sport injuries. If the residents have any other medical conditions, such as diabetes, COVID, or cancer, they have to drive to big hospitals to get treatment. CH's claim of walking distance to hospitals doesn't really hold.

Response G-7: This comment does not speak to the environmental analysis.

Comment G-8: Additionally, the schools in the neighborhood are almost full. With the high density that the proposed CH will bring, how the schools can accommodate more kids is another big question. If overflow happens, parents have to drive even farther to send and pick up their kids. As discussed above about the transportation, this would be very hard for both the CH residents and the neighbors.

Response G-8: See Response D-10.

Comment G-9: 4) Construction impacts
According to the environmental report, the noise from the construction will be up to 90 dB. This is absolutely inappropriate to a neighborhood with so many residents. 90 dB is mostly used to build airports and railways, absolutely not for houses. The construction will also bring lots of dusts, such as PM2.5 and PM10. The proposed location is just one wall against Triton Ct. This will bring great inconvenience and risks to the existing residents. I'm really pathetic about the situation.

Response G-9: A noise study was commissioned by the environmental consultant under direction by City staff. The Initial Study/MND concluded that with implementation of the identified measures, the temporary construction noise impacts would be less than significant (see Pages 116-117 of the Initial Study/MND).

An air quality analysis was also commissioned by the environmental consultant under direction by City staff which addressed dust and other air pollutants that would be generated during construction. The Initial Study/MND concluded that with implementation of the conditions of approval and mitigation measures identified, the temporary construction air quality impacts would be less than significant (Pages 31-33 and 34-37).

Comment G-10: In summary, this project will bring extremely negative impacts on both the future CH residents and the existing neighbors. I know the housing crisis in the bay area is urgent. But please, please do it good instead of evil. Please treat all the people, both low-income and high-income, with respect. Please protect the neighborhood with improved safety and security. Please provide the necessary amenities and healthy living environment to the residents.

There're other locations in Santa Clara that might tolerate 90 dB construction noise, such as those near commercial zones. These locations could be big enough to build more parking spaces. They can also have better transportation, be closer to hospitals, and have less crowded school enrollment than the proposed location. I hope you could consider my petition and cancel this project.

Response G-10: This comment does not speak to the environmental analysis. Please see previous responses.

Comment Letter H: David Bayto – July 12, 2022

Comment H-1: Below are my comments, opinions and recommendations related to Charities Housing (CH) environmental review documents (Mitigated Negative Declaration "MND").

I am opposed to the rezoning of the 1601 Civic Drive property from commercial to high density residential housing zoning as currently proposed. If the zoning change is approved, then the following recommendations should be adapted prior to approved zoning changes.

Comments, Opinions, and Recommendations related to Charities Housing (CH) environmental review documents.

Summary:

- **Issue**: At what point are the legal rights of the project developers to overshadow the rights and quality of life of the current residences of the Civic Center neighborhood?
- **Issue**: The financial impact of the proposed development has not been provided for public review and discussion.
  - What is the financial burden for the citizen of Santa Clara, City of Santa Clara, County of Santa Clara, and the State of California?
  - What is the financial interest of the project stakeholders such as the Limited Partnership(s) involved in the proposed development?

Response H-1: Section 15131 of the CEQA Guidelines states that "economic or social effects of a project shall not be treated as significant effects on the environment". The Initial Study/MND can only address impacts as they relate to the checklist questions which are intended to address the physical environmental effects of the project. As a result, the Initial Study/MND did not address any economic or social effects of the project.

Comment H-2: Issue: The traffic study of Charities Housing (CH) environmental review documents does not address the current neighborhood parking issue. There is a significant lack of street parking to support the current neighborhood requirements.

- **Issue**: The proposed 1601 Civic Center Drive project would require an additional 134 street parking spaces to be available to service the 1601 Civic Center Drive residence causing an adverse effect on the current parking issues on Civic Center Drive.

Response H-2: See Response D-4.

Comment H-3: Issue: CH's project design does not include the Transportation Study's recommendations for 1.) Site Access, 2.) Passenger Loading and 3.) Sight Distance at Project Driveways.

Response H-4: See Responses D-1, D-3, and D-4.

Comment H-5: Issue: The project does not have underground parking as encouraged by City's General Plan guidelines.

Response H-5: See Response D-11.

Comment H-6: Issue: The proposed five (5) story structure architectural does not conform to the El Camino Corridor heigh limits and the adjacent 2-story homes, or surrounding homes.

Response H-6: See Response F-1. The proposed General Plan designation is intended for mid-rise buildings. Mid-rise buildings are typically defined as five to 12 stories.

Comment H-7: Recommendation: Provide a financial impact study for transparency and public review prior to change in rezoning.

Response H-7: See Response H-1.

Comment H-8: Recommendation: Provide no less than two parking space per unit or 216 parking spaces. (108 units x 2 cars)

- Based on the potential 480 occupancy rate and
- Based on 2 car per household is average number for California would require 216 spaces (108 units x 2 cars). Thus, 82 space per unit would appear to be unreasonable.
- Based on the need to address the current lack of parking during peak hours and weekends.

- **Recommendation**: All parking should be under the proposed structure either in a garage and/or underground parking lot. Underground parking is both feasible and particle.
  - 1364 El Camino development has both under building structure parking and an underground parking lot Thus, it can be done.
  - 1690 Civic Center Drive has an underground parking lot. Thus, it can be done.
  - The marginal cost for an underground parking lot structure would be amortized over a 55-year period based. Thus, minimizing the issues that it is not cost effective to build underground parking.

Response H-8: The intent and purpose of the Initial Study/MND is to provide the public and decisions-makers with an accounting of the physical environmental effects which may result from construction and implementation of the proposed project. The law does not allow for the CEQA analysis to address current operational issues of a property or surrounding area. See Response D-4.

It should be noted that the excavation required for underground parking would result in a longer construction timeframe and, due to the extended use of heavy equipment, increase construction noise and air pollutant emissions compared to the current proposal.

Comment H-9: Recommendation: Eliminate all surface parking on the west side of the proposed project that impact the quality of life for the residence on Triton Court.

Response H-9: It is not clear what quality of life issues the commenter believes would occur as a result of the surface parking lot. See Responses D-2, D-7, and G-5 for responses to specific issues raised by other commenters regarding the proposed surface lot.

Comment H-10: Recommendation: The project should provide only one driveway to access the site on Lincoln Street per Transportation Study's recommendations

- **Recommendation**: The project should include a loading zone per the per Transportation Study's recommendations

Response H-10: See Response D-4.

Comment H-11: Analysis and Comments:
Parking
This development, as proposed will provide up to **82 parking spaces which may conform to the Density Bonus law but conflict with the car California ownership data indicating that the average car ownership in California is 2 cars per household.** The number of parking space should be 216 (108 units x 2 cars per household. Thus, the proposed 82 parking spaces will contribute to have an adverse effect on the existing the current parking issues on Civic Center Drive. Therefore, based on the California average rate of 2 car per household and CH's proposed 82 parking would require an additional 134 street parking spaces to be available to service 1601 Civic Center Drive residence

Response H-11: See Response G-2.

Comment H-12: Occupancy:
How Many is too Many? Limits on Unit Occupancy Explained. The total number occupants for the proposed project could be as high as **480** based on Charities Housing's (CH) occupancy data, and the "California's Department of Fair Employment and Housing (DFEH) policy for regulating occupancy, which is known as the "two plus one" formula.

Based on

Unit Size	**# Units**		**Max**
Studio (1-2 occupants)	28		56
1BR (1-3 occupants)	24		72
2BR (2-4 occupants)	26		104
3BR (3-6 occupants)	26		156
3BR (3-6 occupants)	2		12
			400
		Total	**480**

Is it reasonable to assume that occupancy rate in combination with the 2 car average per household would requirement more parking than the 82 spaces assuming 2 car per household is average number for California. Thus, there should be 216 parking spaces (108 units x 2) instead of the 82 proposed parking spaces

Response H-12: See Response G-2.

Comment H-13: Transportation Study's Recommendation

Site Access - Recommendation: The project should provide only one driveway to access the site. The project would increase the number of driveways accessing the site from one to two driveways. Because the project would generate a low number of project trips, it is not necessary to provide two access points to the site for access and circulation. Increasing the access points would increase the conflicts between pedestrians/bicycles and vehicles. Therefore, the project should maintain only one driveway to access the site.

Passenger Loading - Recommendation: The project should provide a passenger loading zone on Civic Center Drive near the entrance to the building lobby or within the surface parking lot or parking garage.

Sight Distance at Project Driveways - Recommendation: The curb segments next to the project driveways on Civic Center Drive should be painted red for 15 feet to prohibit parking and ensure adequate sight distance for outbound traffic.

Response H-13: See Responses D-1, D-3, and D-4.

CIVIC CENTER FAMILY HOUSING PROJECT
TEXT EDITS

This section contains revisions to the text of the Civic Center Family Housing project dated June 2022. Revised or new language is underlined. All deletions are shown with a ~~line through the text~~. None of the text revisions shown below change the conclusion of the IS/MND and no recirculation is required.

Page 91 Section 4.10.1.1, the following footnote will be **ADDED** to the description of the Municipal Regional Permit Provisions C.3:

The RWQCB renewed the MRP on May 11, 2022 (Order No. R2-2022-0018, NPDES Permit No. CAS612008).

Page 91 Section 4.10.1.1, the Water Resources Protection Ordinance and District Well Ordinance description will be **REVISED** as follows:

Valley Water operates as the flood control agency and the wholesale water supplier 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 (including borings 45 feet or deeper), and projects within Valley Water property or easements are required under Valley Water's Water Resources Protection Ordinance and District Well Ordinance 90-1. Under Valley Water's Water Resources Protection Ordinance, projects within Valley Water property or easements are required to obtain encroachment permits.

Page 92 Section 4.10.1.1, the footnote reference for the 2016 Groundwater Management Plan will be **REVISED** as follows:

Valley Water. *2016 Groundwater Management Plan, Santa Clara and Llagas Subbasins.* November ~~2016~~2021.

Page 93 Section 4.10.1.2, the first paragraph under Storm Drainage System will be **REVISED** as follows:

The City of Santa Clara owns and maintains the storm drainage system which serves the project site. There is no overland release of stormwater directly into any creek from the project site; all stormwater enters the ~~San Tomas Aquino Creek~~ Guadalupe River through the existing stormwater drainage system.

Page 167 Section 4.21, the Cumulative Hydrology Impacts discussion will be **REVISED** as follows:

The geographic area for cumulative hydrology and water quality impacts is the ~~San Tomas Aquino Creek~~ Guadalupe River watershed. Cumulative developments within the watershed would have similar hydrological and urban runoff conditions. All projects occurring within Santa Clara would be required to implement the same standard measures/BMPs related to construction water quality as the proposed project (including preparation of a SWPPP if disturbance is greater than one-acre). In addition, all cumulative projects that would disturb more than one-acre of soil or replace/add more at least 10,000 square feet of impervious surfaces would be required to meet applicable San Francisco RWQCB requirements and the City's SWCP requirements on a project-specific basis. For these reasons, the cumulative projects, including the proposed project, would not result in significant cumulative hydrology or water quality impacts. **(Less than Significant Cumulative Impact)**

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CIVIC CENTER FAMILY HOUSING

1601 CIVIC CENTER DR.
SANTA CLARA, CA 95050

GPA RESUBMISSION 2
05/25/2022

ORIGINAL SHEET SIZE 30" x 42"

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G1.02	RENDERINGS, COLORS & MATERIALS
G1.03	RENDERINGS
G1.04	FIRE ACCESS DIAGRAM
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G1.07	UNIT COUNTS
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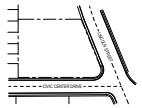
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



DATE	ISSUE
02.28.2020	PLANNING SUBMITTAL
02.5.2021	100% SCHEMATIC DESIGN
8.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
04.08.2022	GPA RESUBMISSION 1
05.06.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
1	04.08.2022	GPA RESUBMISSION 1

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AT
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
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AP
PROJECT TEAM MEMBERS
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PROJECT STAMP (IF REQ'D)

TITLE
SHEET INDEX

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
G0.01B
GPA RESUBMISSION 2

ORIGINAL SHEET SIZE: 30" x 42"

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VICINITY MAP



FEMA MAP



PROJECT SUMMARY

108 UNITS OF AFFORDABLE FAMILY HOUSING AND ASSOCIATED COMMON SPACES, OPEN SPACE AND WITH ON-GRADE PARKING.

ZONING INFORMATION

PROJECT ADDRESS:	1601 CIVIC CENTER DR, SANTA CLARA, CA 95050 SANTA CLARA COUNTY
PARCEL INFORMATION:	APN: 224-49-006	61,409 SF	1.4098 ACRES VACANT SINCE LATE 2016 / EARLY 2017 REFER TO C1.01 FOR EXISTING SITE DIMENSIONS
EXISTING USE:	OFFICE BUILDING BUILDING SQUARE FOOTAGE: 28,950 sf LOT COVERAGE: 15,181 sf / 61,409 sf = 24%
ZONING CLASSIFICATION:	EXISTING: OG GENERAL OFFICE PROPOSED: PD PLANNED DEVELOPMENT
GENERAL PLAN:	EXISTING: COMMUNITY COMMERCIAL PROPOSED: HIGH DENSITY RESIDENTIAL
LAND USE:	RESIDENTIAL
LEGAL DESCRIPTION:	SEE SURVEY DRAWING FOR DETAILS

ZONING DATA:

CATEGORY	PROPOSED	COMMENTS / STATUS
HEIGHT:	5-stories 58'-9 1/2" along Civic Center Drive. 60'-6" along Lincoln Street 66'-7" along North facade 64'-5" along West façade	
LOT COVERAGE	31,635sf / 61,409 sf =52%	
SETBACKS & FRONTAGES	Lincoln St: 10' sidewalk zone + varied setback (15' to 50') Civic Center Dr. 10' sidewalk zone + 5' setback North Edge: 10' West Edge: varies (67'7" to 72') Parking Setback: 6'	
PARKING	0.76 spaces/unit (at 108 units) Total Parking Provided: 82 Spaces *See parking plan	
BIKE PARKING	Class 1: 108 spaces Class 2: 8 spaces	
DENSITY:	75.2 DU/ acre	
DEDICATED PARKLAND	None	

BUILDING DEPARTMENT INFORMATION

JURISDICTION: SANTA CLARA COUNTY

ZONING:	SANTA CLARA CITY MUNICIPAL CODE, ZONING CODE, & BUILDING ORDINANCES
BUILDING:	2019 CALIFORNIA BUILDING CODE
FIRE:	2019 CALIFORNIA FIRE CODE
MECHANICAL:	2019 CALIFORNIA MECHANICAL CODE
ELECTRICAL:	2019 CALIFORNIA ELECTRICAL CODE
PLUMBING:	2019 CALIFORNIA PLUMBING CODE
ENERGY:	2019 CALIFORNIA ENERGY CODE

CODE AS AMENDED AND ADOPTED BY THE STATE BUILDING CODE COUNCIL AND THE CITY OF SANTA CLARA

OCCUPANCY GROUPS: PREDOMINANTLY RESIDENTIAL (R-2), W/ SOME (A-3), (B), (S-2) SPACES

OCCUPANCY SEPARATIONS:
(PER CBC 508.4) R-2 | A-3: 1-HR B | A-3: 1-HR R-2 | B: 1-HR
A-3 | S-2: 1-HR R-2 | S-2: 1-HR

TYPE OF CONTRUCTION:
TYPE III-A & I-A

FIRE PROTECTION:
SPRINKLERED PER NFPA 13

ALLOWABLE AREA:

TYPE III-A PORTION:
PER 506.2.3: SINGLE-OCCUPANCY, MULTISTORY BUILDINGS (WITH ACCESSORY USES)

AA=TOTAL ALLOWABLE BUILDING AREA: 170,400 SF
ALLOWABLE AREA PER FLOOR: 85,200 SF

AA= [AT + (NS X IF)]X SA
AA= 72,000 + (24,000 X 0.55) X 2 = 170,400

IF= [F/P - 0.25]W/30
IF= [594.6/741.85 - 0.25] X 30/30 = 0.55

AT= 72,000 (WITHOUT HEIGHT INCREASE)
NS= 24,000
F= 594.6'
P= 741.85'
W= 30
SA= 2

TYPE I PORTION:
UNLIMITED FOR S-2, A-3, B, AND R-2 ACCESSORY

GSF TABLE
SEE G2.00A FOR BREAKDOWN AND FLOOR PLANS

GSF - TOTAL

Name	Construction Type	Area
AREA 'A'	TYPE I-A	18408 SF
AREA 'B'	TYPE I-A	13227 SF
AREA 'C'	TYPE III-A	47494 SF
AREA 'D'	TYPE III-A	53608 SF
		132737 SF

ALLOWABLE HEIGHT
5 STORIES PER TABLE 504.4, TYPE IIIA R-2
65' PER TABLE 504.3, TYPE IIIA R-2 WITH AREA INCREASE
(MAXIMUM STORIES AND HEIGHT TO BE MEASURED OVER TYPE I PODIUM)

SPECIAL PROVISIONS:
CBC 510.4 PARKING BENEATH GROUP R: NUMBER OF TYPE IIIA STORIES TO START ABOVE THE TYPE I GARAGE.
CBC 510.2 HORIZONTAL BUILDING SEPARATION ALLOWANCE: TYPE I PORTION CONSIDERED A SEPARATE BUILDING FOR THE PURPOSES OF AREA CALCULATIONS.
CBC 1009.2 HORIZONTAL EXITS: IN BUILDING PROVIDED WITH SPRINKLER SYSTEM, THE ELEVATOR SHALL NOT BE REQUIRED ON FLOORS PROVIDED WITH HORIZONTAL EXITS.

CBC 31.04 A PEDESTRIAN WALKWAY: BUILDINGS CONNECTED BY PEDESTRIAN WALKWAYS SHALL BE CONSIDERED TO BE SEPARATE STRUCTURES, AND SHALL BE CONSTRUCTED OF NONCOMBUSTIBLE CONSTRUCTION.

CBC 31.04.5.2 ALTERNATIVE SEPARATION: DISTANCE BETWEEN CONNECTED BUILDINGS ARE OVER 10', AND BOTH THE BUILDINGS AND WALKWAY ARE PROVIDED WITH SPRINKLER.

REQUIRED RATING:
SHAFTS: 2 HOURS
EXIT STAIR ENCLOSURES: 2 HOURS
HORIZONTAL EXIT: 2 HOURS

SQUARE FOOTAGE:
SEE G2.00A.

EGRESS:
SEE CODE SUMMARY SHEET. G2.01 THROUGH G2.05

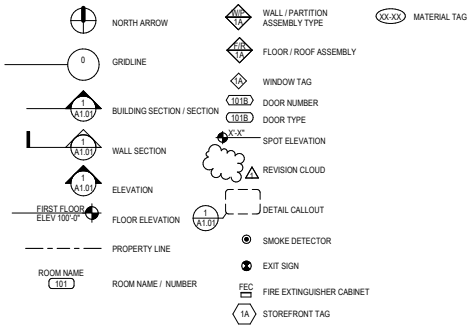
EMERGENCY ESCAPE AND RESCUE WINDOWS:
CBC 1030.1 EXCEPTION 1, RESCUE WINDOWS ARE NOT REQUIRED FOR TYPE IIIA CONSTRUCTION EQUIPPED THROUGHOUT WITH AN APPROVED SPRINKLER SYSTEM.

ACCESSIBILITY:
100% OF THE UNITS ARE ADAPTABLE AND COMPLY WITH 2019 CBC SECTION 11A.
15% (17) OF THE UNITS HAVE ADDED MOBILITY FEATURES PER 2010 ADA & FHA GUIDELINES.
5% (6) OF THE UNITS WILL HAVE ADDED COMMUNICATION FEATURES PER 2010 ADA & FHA GUIDELINES.

UNIT WITH MOBILITY FEATURES:
TO BE DETERMINED

UNITS WITH COMMUNICATION FEATURES:
TO BE DETERMINED.

SYMBOLS



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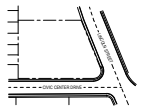
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



DATE	ISSUE
12.02.2020	PLANNING SUBMITTAL
02.5.2021	100% SCHEMATIC DESIGN
8.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
04.08.2022	GPA RESUBMISSION 1
05.06.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
1	04.08.2022	GPA RESUBMISSION 1

DESIGN PARTNER
AT
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT DESIGNER
AP
PROJECT TEAM MEMBERS
CHECK

PROJECT STAMP (IF NEEDED)

TITLE
PROJECT INFO

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
G0.02
GPA RESUBMISSION 2

ORIGINAL SHEET SIZE: 30" x 42"

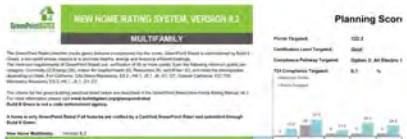
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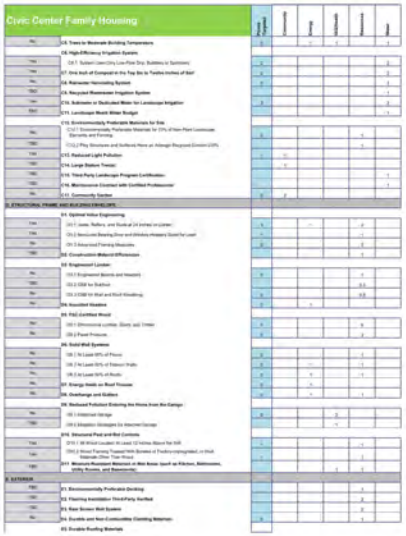
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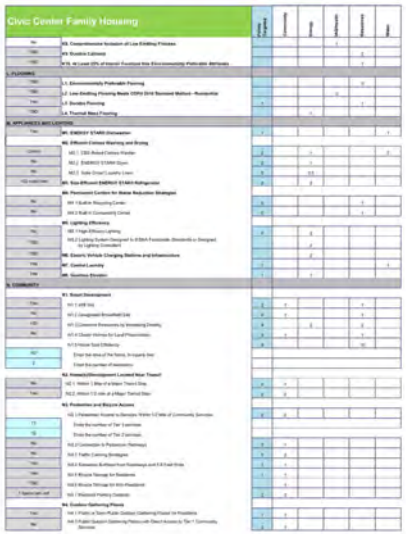




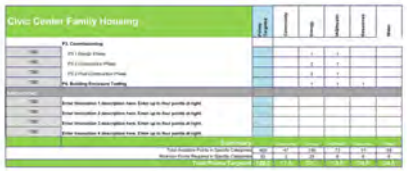












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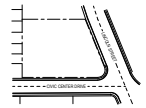
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR.
SANTA CLARA, CA
95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



DATE	ISSUE
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02.5.2021	100% SCHEMATIC DESIGN
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NO.	DATE	REVISION

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PROJECT ARCHITECT
SA / AK
PROJECT DESIGNER
AP
PROJECT TEAM MEMBERS
CHECK

PROJECT START STAMP

SHEET
GREEN POINT RATED CHECKLIST

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
G0.03
GPA RESUBMISSION 2

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ORIGINAL SHEET SIZE: 30" x 42"

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Building Division
1500 Warburton Ave.
Santa Clara, CA 95050
www.santaclaraca.gov

Building Division: 408-615-2440
Email: Building@santaclaraca.gov
Permit Center: 408-615-2450
Email: PermitCenter@santaclaraca.gov
Automated Inspection Scheduling System: 408-615-2490

2019 CALIFORNIA GREEN BUILDING STANDARD CODE (CGC)
RESIDENTIAL CHECKLIST

New residential buildings shall be designed to include the green building mandatory measures specified in this checklist. This checklist shall also be applied to additions or alterations of existing residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. The requirements shall apply only to the specific area of the addition or alteration.

BUILDING PERMIT NO.: BLD20[illegible]
ADDRESS:

Feature or Measure	Yes	MANDATORY MEASURES (ONLY) (Please check boxes in bottom)
SITE DEVELOPMENT (CGC 4.106)		
Storm water drainage and retention during construction. A plan shall be developed and shall be implemented to manage storm water drainage during construction per CGC 4.106.2.	☒	
Grading and paving. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings per CGC 4.106.3.	☒	
Electric vehicle (EV) charging for new construction. Provide capability for future electric vehicle charging to one-and two-family dwellings and in townhouses with attached private garages. 10% of total parking spaces, as specified, for multifamily dwellings, and in new hotels and motels per CGC 4.106.4. EV spaces for hotels/motels shall comply with accessibility provisions for EV charging stations in the California Building Code, Chapter 11B.	☒	
ENERGY EFFICIENCY (CGC 4.201)		
California Energy Code. The building's construction shall meet or exceed the requirements of the 2019 California Building Energy Efficiency Standards per CGC 4.201.1	☒	
WATER EFFICIENCY AND CONSERVATION		
INDOOR WATER USE (CGC 4.303)		
Water conserving plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the prescriptive requirements of Section 4.303.1 f through 4.303.1.4	☒	
Water closets: The effective flush volume of all water closets shall not exceed 1.28 gallons per flush (CGC 4.303.1.1).	☒	
Urinals: The effective flush volume of wall mounted urinals shall not exceed 0.125 gallons per flush, and all other urinals shall not exceed 0.5 gallons per flush (CGC 4.303.1.2).	☒	
Showerheads. The flow rate for single showerhead and multiple showerheads serving one shower shall not exceed 1.8 gallons per minute at 80 psi, and shall be certified to the performance criteria of the U.S. EPA WaterSense Specification (CGC 4.303.1.3).	☒	
Residential lavatory faucets. The flow rate shall not be more than 1.2 gallons per minute at 60 psi, and not less than 0.8 gallons per minute at 20 psi (CGC 4.303.1.4.1).	☒	
Lavatory faucets in common and public use areas. The flow rate shall not exceed 0.5 gallons per minute at 60 psi (CGC 4.303.1.4.2).	☒	
Metering Faucets. This flow rate shall not deliver more than 0.2 gallons per cycle (CGC 4.303.1.4.3).	☒	
Kitchen Faucets. The flow rate shall not exceed 1.8 gallons per minute at 60 psi (CGC 4.303.1.4.4)	☒	
Standards for plumbing fixtures and fittings. Plumbing fixtures and fittings shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code per CGC 4.303.2.	☒	

BLD Permit No.:

OUTDOOR WATER USE (CGC 4.304)	
Outdoor potable water use in landscape areas. Residential developments shall comply with the City Water Service and Use Rules and Regulations, item No. 24, or the California Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent, per CGC 4.304.1.	☒
ENHANCED DURABILITY AND REDUCED MAINTENANCE (CGC 4.406)	
Rodent proofing. Annular spaces around pipes, electric cables, conduits or other openings in sole/bottom plates at exterior walls shall be protected by closing such openings with cement mortar, concrete masonry, or similar method acceptable to the City per CGC 4.406.1.	☒
CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING (CGC 4.408)	
Construction waste management. Recycle and/or salvage for reuse a minimum of 65% of nonhazardous construction and demolition waste in accordance with Section 4.408.2, 4.408.3, or 4.408.4, or meet a more stringent local construction and demolition waste management (CGC 4.408.1).	☒
BUILDING MAINTENANCE AND OPERATION (CGC 4.410)	
An operation and maintenance manual shall be provided to the building occupant or owner per CGC 4.410.1	☒
Recycling by occupants. Where 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible areas that serve all buildings on the site and is identified for depositing, storage and collection of nonhazardous materials for recycling per CGC 4.410.2	☒
ENVIRONMENTAL QUALITY (CGC 4.503)	
Gas fireplace. Any installed gas fireplace shall be a direct-vent sealed-combustion type per CGC 4.503.1	N/A
Woodstoves. Any installed woodstove or pellet stove shall comply with U.S. EPA new Source Performance standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits per CGC 4.503.1.	N/A
POLLUTANT CONTROL (CGC 4.504)	
Covering of duct openings and protection of mechanical equipment during construction. At the time of rough installation, during storage on the construction site and until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution components openings shall be covered with tape, plastic, sheet metals, or other methods acceptable to the City to reduce the amount of water, dust or debris which may enter the system per CGC 4.504.1.	☒
Adhesive, sealants and caulks shall meet the VOC or other toxic compound limits per CGC 4.504.2.1.	☒
Paints, stains and other coatings shall comply with VOC limits per CGC 4.504.2.2.	☒
Aerosol paints and coatings shall meet the product-weighted MIR limits for ROC and other requirements per CGC 4.504.2.3.	☒
Verification. Documentation shall be provided, at the request of the Building Division, to verify compliance with VOC limit materials per CGC 4.504.3,4.	☒
Carpet systems. All carpet installed in the building interior shall meet the testing and product requirements of CGC 4.504.3.	☒
Resilient flooring systems. Where resilient flooring is installed, at least 80% of the floor area receiving resilient flooring shall comply with the requirements of CGC 4.504.4	☒
Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the building shall comply with the formaldehyde requirements of CGC 4.504.4.	☒
INTERIOR MOISTURE CONTROL (CGC 4.505)	
Concrete slab foundations. Vapor retarder and capillary break shall be installed if a slab on grade foundation system is used. The use of a 4" thick base of ½" or larger clean aggregate under a 6 mil vapor retarder, with joint lapped not less than 6" shall be provided per CGC 4.505.2 and CRC R506.2.3.	☒
Moisture content of building material. Building materials with visible signs of water damage shall not be installed. Wall and floor framing shall not be enclosed when the framing members exceed 19% moisture content. Moisture content shall be checked prior to finish material being applied per CGC 4.505.3.	☒

BLD Permit No.:

ENVIRONMENTAL COMFORT (CGC 4.507)	
Heating and air-conditioning system shall be sized, designed and have their equipment selected using the following methods per CGC 4.507.2: 1. Heat Loss/Heat Gain values in accordance with ANSI/ACCA 2 Manual J-2016 or equivalent; 2. Duct systems are sized according to ANSI/ACCA 1 Manual D-2016 or equivalent; 3. Select heating and cooling equipment in accordance with ANSI/ACCA 3 Manual S-2014 or equivalent	☒
INSTALLER AND SPECIAL INSPECTOR QUALIFICATION (CGC 702)	
Installer training. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a recognized training or certification program per CGC 702.1.	☒
Special inspection. Special inspectors employed by the City must be qualified and able to demonstrate competence in the discipline they are inspecting per CGC 702.2.	☒
VERIFICATION (CGC 703)	
Upon request, verification of compliance with this code may include construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the building department which will show substantial conformance per CGC 703.1.	☒

Responsible Designer's Declaration Statement	Contractor Declaration Statement
I hereby certify that this project has been designed to meet the requirements of the 2019 California Green Building Standards Code.	I hereby certify, as the builder or installer under the permit listed herein, that this project will be constructed to meet the requirements of the California Green Building Standards Code.
Name: Kristen Bell	Name:
Signature:	Signature:
Date: 12/7/2020	Date:
Company: Mithun	License:
Address: 660 Market St.	Address:
City: San Francisco State: CA Zip: 94105	City: State: Zip:

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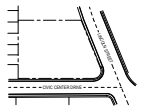
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



DATE	ISSUE
12.02.2020	PLANNING SUBMITTAL
02.5.2021	100% SCHEMATIC DESIGN
8.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
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05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION

DESIGN PARTNER
AT
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT MANAGER
AP
PROJECT TEAM MEMBERS
CHECK

PROJECT STAMP (IF NEEDED)

SEAL
GREEN BUILDING ARCHITECTURE

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
G0.04
GPA RESUBMISSION 2

ORIGINAL SHEET SIZE: 30" x 42"

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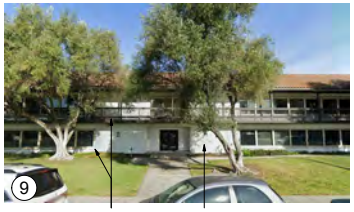




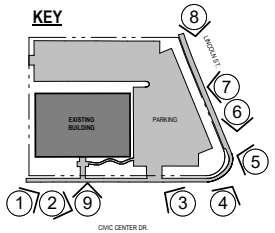








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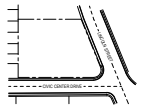
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PROJECT ARCHITECT
SA / AK
PROJECT MANAGER
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PROJECT TEAM MEMBERS
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PROJECT START STAGE

TITLE
SITE & SURROUNDING AREA PHOTOS

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
G1.01
GPA RESUBMISSION 2

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LINCOLN ST. (EAST) PERSPECTIVE

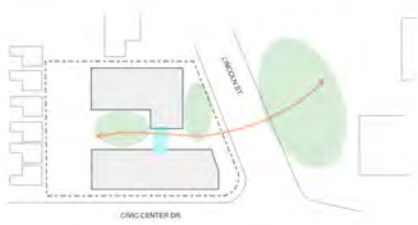


STREET TREES ARE REMOVED FROM RENDERING FOR CLARITY

NARRATIVE

THE DESIGN FOR CIVIC CENTER FAMILY HOUSING CREATES A GATEWAY CONDITION MOVING FROM EL CAMINO REAL TO THE CIVIC CENTER CAMPUS. THE SOUTHERN LEG OF THE BUILDING EXTENDS TOWARDS THE CIVIC CENTER CAMPUS, MAKING IT CLEARLY VISIBLE AS YOU MAKE YOUR WAY FROM EL CAMINO REAL DOWN LINCOLN. IT SERVES AS A WELCOMING POINT OF ORIENTATION, WITH A COMMUNITY ROOM OCCUPYING THE CORNER OF THE GROUND FLOOR. MOVING DOWN LINCOLN, THE REMAINDER OF THE BUILDING PULLS BACK FROM THE STREET, CREATING A LANDSCAPED FORECOURT THAT MIMICS THE CIVIC CENTER CAMPUS OPEN SPACE ACROSS THE STREET.

THE BUILDING IS BROKEN INTO 2 DISTINCT VOLUMES, REDUCING THE APPARENT SCALE OF THE BUILDING. THE VOLUMES ARE CONNECTED BY A BRIDGE THAT PROVIDES A VISUAL CONNECTION BETWEEN THE PRIVATE COURTYARD AND THE PUBLIC REALM.



RENEWAL AND RESILIENCE

LAYERS OF BARK OF THE BIG BERRY/ BLUE MANZANITA PEEL ANNUALLY AS AN ADAPTATION FOR PROTECTION AGAINST INSECTS AND PARASITIC ORGANISMS. TANNINS AND OTHER COMPOUNDS PRODUCED IN THE CELLS OF THE OUTER BARK SERVE TO DETER THESE ORGANISMS AND ARE ALSO RESPONSIBLE FOR THE VARIED COLORS AND LAYERED QUALITY OF THE TRUNK AND BRANCHES. THE PHYSICAL EXPRESSION OF THIS SPECIES IS ONE OF CONSTANT RENEWAL AND RESILIENCE, AND APT METAPHOR FOR A NEW COMMUNITY.

THE FORMAL LANGUAGE AND MATERIAL EXPRESSION OF THIS BUILDING TAKES ITS INSPIRATION FROM THE BLUE MANZANITA, A SPECIES ENDEMIC TO THE SANTA CLARA VALLEY.

THE SIMPLE STUCCO EXTERIOR IS PUNCTUATED BY BALCONIES, WHICH MIMIC THE PEELING BARK AND REVEAL OF A RICH ACCENT COLOR BENEATH, AS THE LIVING SPACES OF THE INTERIOR TRANSITION TO THE OUTSIDE.

THE BASE OF THE BUILDING IS WRAPPED IN A WARM GRAY STUCCO WITH NATURAL WOOD ACCENT PANELS EMPHASIZING THE PUBLIC PROGRAM ELEMENTS AND MAIN ENTRY, DRAWING PEOPLE AND THE OUTSIDE IN.





COLORS AND MATERIALS

STUCCO 1A- WHITE

STUCCO 1B- BLUE

STUCCO 1C- LIGHT GRAY

STUCCO 1D- DARK GRAY

FIBER CEMENT PLANK - DARK GREY

THERMALLY MODIFIED WOOD SIDING; ALT. FIBER CEMENT PLANK

FASCIA / WINDOW FRAME / BRAKE METAL 4, 5, 6 - DARK BRONZE

PERFORATED METAL GUARDRAIL/WALL PANEL - COPPER COLOR



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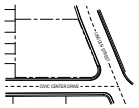
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PROJECT ARCHITECT
SA / AK
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AP
PROJECT TEAM MEMBERS
CHECK

PROJECT STAMP (IF REQ'D)

TITLE
RENDERINGS, COLORS & MATERIALS

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
G1.02
GPA RESUBMISSION 2

ORIGINAL SHEET SIZE: 30" x 42"

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CIVIC CENTER PERSPECTIVE



STREET TREES ARE REMOVED FROM RENDERING FOR CLARITY

NARRATIVE

THE DESIGN INCLUDES GROUND LEVEL UNITS ALONG CIVIC CENTER DRIVE WITH A LANDSCAPED SETBACK AND PRIVATE PATIOS TO HELP CREATE AN ACTIVE, RESIDENTIAL FEEL ON THIS STREET THAT TRANSITIONS INTO A SINGLE FAMILY NEIGHBORHOOD.

THE BUILDING IS SET BACK FROM THE EXISTING RESIDENTIAL NEIGHBORS ON THE WEST SIDE OF THE PROPERTY BY 65', AND TREES ARE USED TO PROVIDE A NATURAL SCREENING BETWEEN THE NEW BUILDING AND EXISTING HOMES. WINDOWS ON THE WEST FACING ELEVATION ARE LIMITED IN ORDER TO PROTECT THE PRIVACY OF THE EXISTING HOMES.

LOBBY ENTRY PERSPECTIVE



STREET TREES ARE REMOVED FROM RENDERING FOR CLARITY

CIVIC CENTER STREET LEVEL PERSPECTIVE



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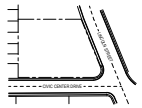
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



DATE	ISSUE
12.02.2020	PLANNING SUBMITTAL
02.5.2021	100% SCHEMATIC DESIGN
8.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
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05.09.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
1	04.08.2022	GPA RESUBMISSION 1

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TITLE
RENDERINGS

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
G1.03
GPA RESUBMISSION 2

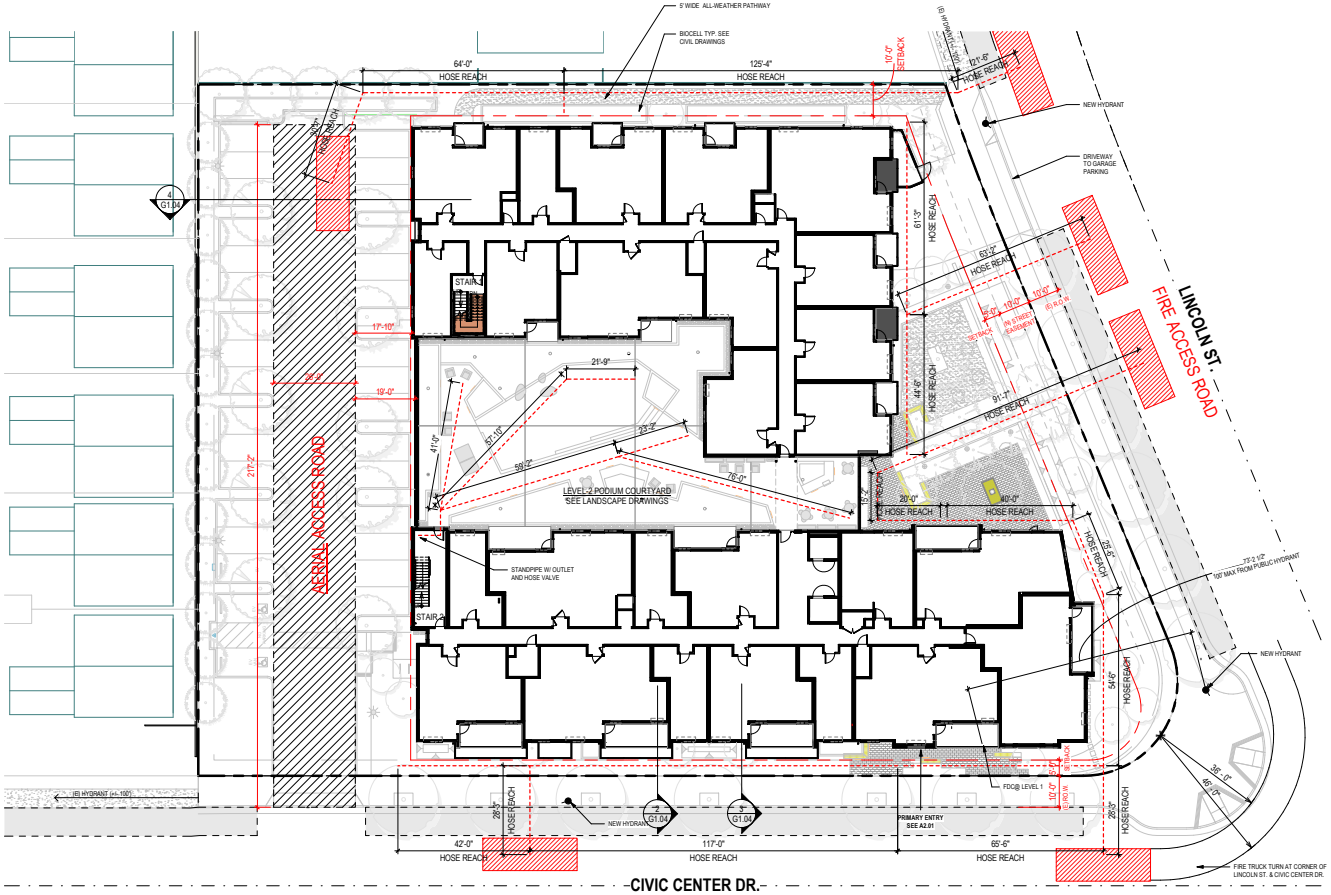
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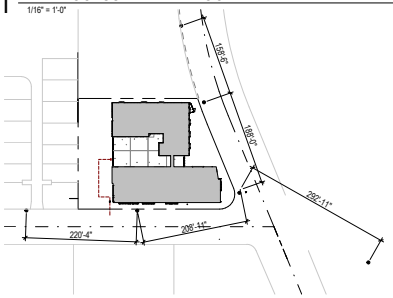
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1 FIRE ACCESS-LEVEL 2 FLOOR PLAN
1/16" = 1'-0"



10 FIRE HYDRANT DIAGRAM
1" = 100'-0"

Fire Flow Requirements with Mixed Construction

	Building
Total Area (SF)	
Level 1 (Type IA)	31,635 SF
Level 2-5 (Type IIIA)	101,066 SF
Number of Stories	5
Height	Varies from 58'-9" to 66'-6"
Construction Type	4 levels Type IIIA over 1 level Type IA
Occupancy Group	R-2, S-2, A, B

Calculations:
Total Building area: 31,635 square feet (Type IA - Garage) + 101,066 square feet (Type IIIA - Residential) = 132,701 SF

Percentage of Building: IA = 31,635/132,701 x 100 = 23.8;
IIIA = 101,066/132,701 x 100 = 76.2

Fire Flow Duration, Hydrant Locations and Distribution are to be based on the full Fire Flow required per CFC Table B105.1(2)

Full Fire Flow: 0.238 (2,000 gpm) + 0.762 (4,500 gpm) = 3,905 gpm = 4,000 gpm (round up)

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.
A max 50% reduction in fire flow is allowed per Conditions of Approval from Santa Clara Fire Department for this project.
Reduced Fire Flow = 0.50 x 4,000 gpm = 2,000 gpm

Based upon 4,000 gpm Full Fire Flow, there needs to be a minimum of 4 hydrants with an average spacing of 350 feet (from Appendix C of the Fire Code) for the duration of 4 hours. The frontage distance based on the 4,000 gpm Full flow requirement is 210 feet.

NOTES

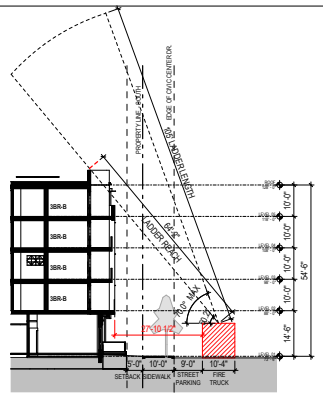
1. SEE A3.11 & A3.12 FOR FULL BUILDING SECTIONS
2. SEE A2.01 FOR GROUND LEVEL CONDITIONS INCLUDING FACP LOCATION
3. ALL FIRE DEPARTMENT ACCESS ROADWAYS SHALL BE RECORDED AS PERMANENT EVAE
4. PER FD COMMENTS, AMMR WILL BE SUBMITTED FOR EVAE AT WESTERN DRIVEWAY.
5. EVAE TO HAVE ALL WEATHER SURFACE DESIGNED TO SUPPORT GROSS VEHICLE WEIGHT OF 75,000 LBS.

CONSTRUCTION TYPE

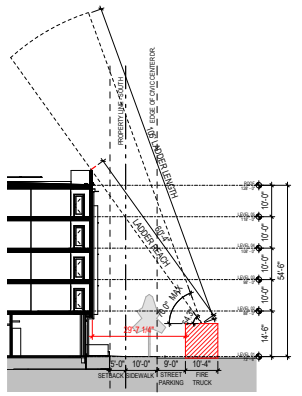
TYPE IIIA & I-A

LEGEND

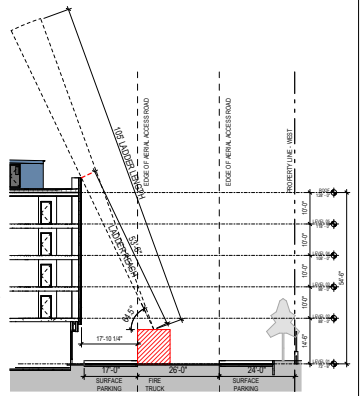
- PROPERTY LINE
- PROPOSED SETBACK
- HOSE LENGTH
- FIRE ENGINE
- EVA LANE
- PARALLEL PARKING ZONE
- (N) FIRE HYDRANT
- (E) FIRE HYDRANT TO BE REMOVED
- FDC — FIRE DEPARTMENT CONNECTION
- FACP — FIRE ALARM CONTROL PANEL SEE A2.01 FOR LOCATION



2 LADDER REACH AT CIVIC BALCONY 02
1/16" = 1'-0"



3 LADDER REACH AT CIVIC MAIN FACADE
1/16" = 1'-0"



4 LADDER REACH AT WESTERN DRIVEWAY
1/16" = 1'-0"

PROJECT NORTH

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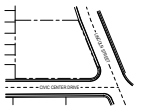
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



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05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
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PROJECT ARCHITECT
SA / AK
PROJECT MANAGER
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PROJECT START DATE

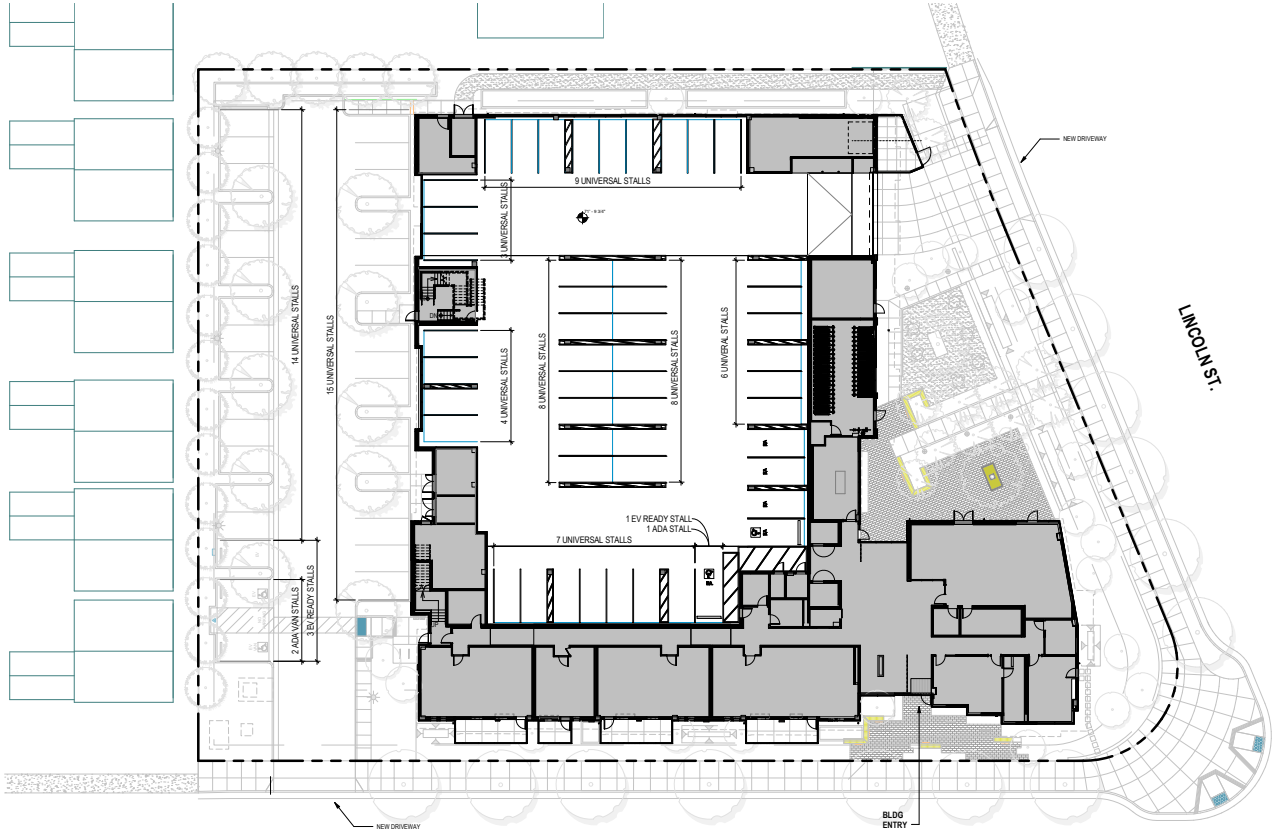
SHEET TITLE
FIRE ACCESS DIAGRAM

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
G1.04
GPA RESUBMISSION 2

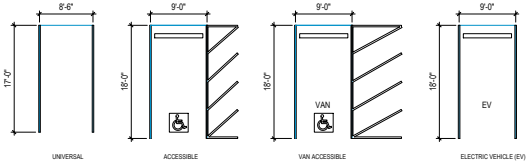
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1 LEVEL 1 FLOOR PLAN - PARKING
1/16" = 1'-0"

PARKING LEGEND



PARKING COUNT - EXTERIOR			
CATEGORY	PROPOSED	SIZE	COMMENTS
UNIVERSAL STALLS PROVIDED	29	8'-6" X 17'-0"	
VAN ACCESSIBLE	2	9'-0" (+8'-0" ACCESS AISLE) X 18'-0"	11B-208.2.4 (1/6 of ADA stalls)
ADA STALLS	0**	9'-0" (+5'-0" ACCESS AISLE) X 18'-0"	11B-208.2.3.1;
EV PARKING*	3	9'-0" X 18'-0"	CALGreen 4.106.4.2 (10% of total parking) CBC 11B-228.3.2.1 Includes (1) Van Stall
SUBTOTAL PARKING	32		

PARKING COUNT - INTERIOR			
CATEGORY	PROPOSED	SIZE	COMMENTS
UNIVERSAL STALLS PROVIDED	45	8'-6" X 17'-0"	
VAN ACCESSIBLE REQ.	1	9'-0" (+8'-0" ACCESS AISLE) X 18'-0"	CBC 11B-208.2.4 (1/6 of ADA stalls)
ADA STALLS REQ'D	1	9'-0" (+5'-0" ACCESS AISLE) X 18'-0"	CBC 11B-208.2.3.1
EV PARKING*	5	9'-0" X 18'-0"	CALGreen 4.106.4.2 (10% of total parking) CBC 11B-228.3.2.1 Includes (1) Van & (1) ADA Stall
SUBTOTAL PARKING	50		

TOTAL PARKING	82		
	AT 0.76 SPACES/ UNIT		

* Included as part of ADA stall
** Included as part of Van accessible stall

CIVIC CENTER DR.

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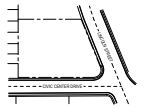
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
**1601 CIVIC CENTER DR.
SANTA CLARA, CA
95050**

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



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05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
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PROJECT DESIGNER
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PROJECT TEAM MEMBERS
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PROJECT START STAGE

TITLE
PARKING PLAN

PROJECT NO.
1927400
DATE
05/25/2022

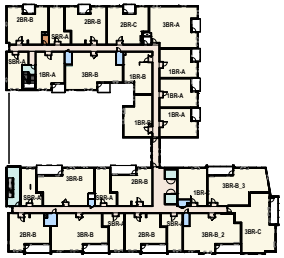
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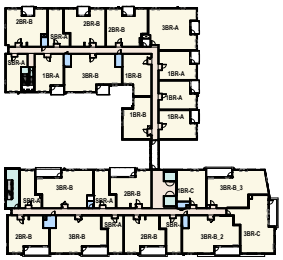
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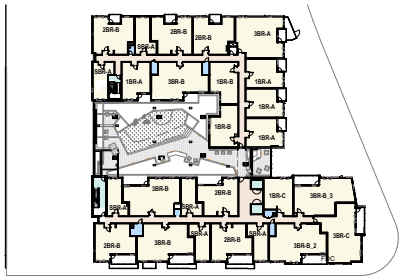
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3 LEVEL-3 FLOOR PLAN - UNIT COUNT (26 UNITS)
1" = 40'-0"



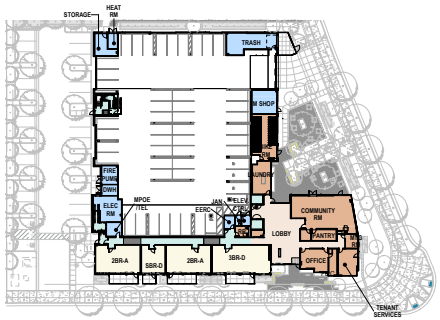
5 LEVEL-5 FLOOR PLAN - UNIT COUNT (26 UNITS)
1" = 40'-0"



2 LEVEL-2 PODIUM - UNIT COUNT (26 UNITS)
1" = 40'-0"



4 LEVEL-4 FLOOR PLAN - UNIT COUNT (26 UNITS)
1" = 40'-0"



1 GROUND FLOOR - FLOOR PLAN - UNIT COUNT (4 UNITS)
1" = 40'-0"

UNIT COUNT - STUDIO

Level	Name	Count
SBR-A		
LEVEL 02	SBR-A	6
LEVEL 03	SBR-A	6
LEVEL 04	SBR-A	6
LEVEL 05	SBR-A	6
SBR-D		
LEVEL 01	SBR-D	1
25		

UNIT COUNT - 1BR

Level	Name	Count
1BR-A		
LEVEL 02	1BR-A	4
LEVEL 03	1BR-A	4
LEVEL 04	1BR-A	4
LEVEL 05	1BR-A	4
1BR-B		
LEVEL 02	1BR-B	2
LEVEL 03	1BR-B	2
LEVEL 04	1BR-B	2
LEVEL 05	1BR-B	2
1BR-C		
LEVEL 02	1BR-C	1
LEVEL 03	1BR-C	1
LEVEL 04	1BR-C	1
LEVEL 05	1BR-C	1
28		

UNIT COUNT - 2BR

Level	Name	Count
2BR-A		
LEVEL 01	2BR-A	2
2BR-B		
LEVEL 02	2BR-B	6
LEVEL 03	2BR-B	5
LEVEL 04	2BR-B	6
LEVEL 05	2BR-B	6
2BR-C		
LEVEL 03	2BR-C	1
26		

UNIT COUNT - 3BR

Level	Name	Count
3BR-A		
LEVEL 02	3BR-A	1
LEVEL 03	3BR-A	1
LEVEL 04	3BR-A	1
LEVEL 05	3BR-A	1
3BR-B		
LEVEL 02	3BR-B	3
LEVEL 03	3BR-B	3
LEVEL 04	3BR-B	3
LEVEL 05	3BR-B	3
3BR-B_2		
LEVEL 02	3BR-B_2	1
LEVEL 03	3BR-B_2	1
LEVEL 04	3BR-B_2	1
LEVEL 05	3BR-B_2	1
3BR-B_3		
LEVEL 02	3BR-B_3	1
LEVEL 03	3BR-B_3	1
LEVEL 04	3BR-B_3	1
LEVEL 05	3BR-B_3	1
3BR-C		
LEVEL 02	3BR-C	1
LEVEL 03	3BR-C	1
LEVEL 04	3BR-C	1
LEVEL 05	3BR-C	1
3BR-D		
LEVEL 01	3BR-D	1
29		

UNIT COUNT - TOTAL

UNIT TYPE	COUNT	AVERAGE SQ FT
SBR-A	24	379 SF
SBR-D	1	395 SF
1BR-A	16	595 SF
1BR-B	8	641 SF
1BR-C	4	605 SF
2BR-A	2	766 SF
2BR-B	23	789 SF
2BR-C	1	826 SF
3BR-A	4	1139 SF
3BR-B	12	1091 SF
3BR-B_2	4	1107 SF
3BR-B_3	4	1090 SF
3BR-C	4	1131 SF
3BR-D	1	997 SF

Grand total: 108

NOTES:

1. ALL AREAS IN THE SCHEDULE ARE DESIGN DEVELOPMENT LEVEL AND APPROXIMATE IN NATURE.
2. NSF FOR RESIDENTIAL UNIT INCLUDES SHAFT SPACE WITHIN THE UNIT.

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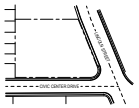
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PROJECT
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TITLE
UNIT COUNTS

PROJECT NO.
1927400
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SHEET NUMBER
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3 LEVEL 03 - GSF AREAS
1" = 40'-0"

5 LEVEL 05 - GSF AREAS
1" = 40'-0"

2 LEVEL 02 - GSF AREAS
1" = 40'-0"

4 LEVEL 04 - GSF AREAS
1" = 40'-0"

1 LEVEL 01 - GSF AREAS
1" = 40'-0"

GSF - TYPE I-A		
Name	Construction Type	Area
LEVEL 01		
AREA 'A'	TYPE I-A	18408 SF
AREA 'B'	TYPE I-A	11860 SF
AREA 'B'	TYPE I-A	669 SF
AREA 'B'	TYPE I-A	370 SF
AREA 'B'	TYPE I-A	328 SF
		31635 SF

GSF - TYPE III-A		
Name	Construction Type	Area
LEVEL 02		
AREA 'C'	TYPE III-A	11867 SF
AREA 'D'	TYPE III-A	13302 SF
LEVEL 03		
AREA 'C'	TYPE III-A	11882 SF
AREA 'D'	TYPE III-A	13466 SF
LEVEL 04		
AREA 'C'	TYPE III-A	11864 SF
AREA 'D'	TYPE III-A	13466 SF
LEVEL 05		
AREA 'C'	TYPE III-A	11882 SF
AREA 'D'	TYPE III-A	13374 SF
		101102 SF

GSF - TOTAL		
Name	Construction Type	Area
AREA 'A'	TYPE I-A	18408 SF
AREA 'B'	TYPE I-A	13227 SF
AREA 'C'	TYPE III-A	47494 SF
AREA 'D'	TYPE III-A	53608 SF
		132737 SF

GSF -SUMMARY	
PROGRAM	GSF
BOH	4664 SF
CIRCULATION - HORIZONTAL	13314 SF
CIRCULATION - VERTICAL	3146 SF
COMMONS	5802 SF
PARKING	18338 SF
RESIDENTIAL	87460 SF
	132723 SF

GSF - PER PROGRAM		
LEVEL	PROGRAM	GSF
LEVEL 01		
LEVEL 01	BOH	2371 SF
LEVEL 01	CIRCULATION - HORIZONTAL	1174 SF
LEVEL 01	CIRCULATION - VERTICAL	725 SF
LEVEL 01	COMMONS	5802 SF
LEVEL 01	PARKING	18338 SF
LEVEL 01	RESIDENTIAL	3229 SF
LEVEL 02		
LEVEL 02	BOH	573 SF
LEVEL 02	CIRCULATION - HORIZONTAL	2907 SF
LEVEL 02	CIRCULATION - VERTICAL	606 SF
LEVEL 02	RESIDENTIAL	21083 SF
LEVEL 03		
LEVEL 03	BOH	572 SF
LEVEL 03	CIRCULATION - HORIZONTAL	3079 SF
LEVEL 03	CIRCULATION - VERTICAL	606 SF
LEVEL 03	RESIDENTIAL	21073 SF
LEVEL 04		
LEVEL 04	BOH	574 SF
LEVEL 04	CIRCULATION - HORIZONTAL	3079 SF
LEVEL 04	CIRCULATION - VERTICAL	606 SF
LEVEL 04	RESIDENTIAL	21071 SF
LEVEL 05		
LEVEL 05	BOH	574 SF
LEVEL 05	CIRCULATION - HORIZONTAL	3075 SF
LEVEL 05	CIRCULATION - VERTICAL	603 SF
LEVEL 05	RESIDENTIAL	21004 SF

NOTES:

1. GSF IS MEASURED TO OUTSIDE FACE OF EXTERIOR WALLS, CENTERLINE OF CORRIDOR WALLS, AND CENTERLINE OF PARTITION WALLS.
2. ALL AREAS IN THE SCHEDULE ARE DESIGN DEVELOPMENT LEVEL AND APPROXIMATE IN NATURE.
3. GSF DOES NOT INCLUDE COVERED EXTERIOR AREAS.

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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP

DATE	ISSUE
12.02.2020	PLANNING SUBMITTAL
02.5.2021	100% SCHEMATIC DESIGN
8.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
04.08.2022	GPA RESUBMISSION 1
05.06.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
1	04.08.2022	GPA RESUBMISSION 1

DESIGN PARTNER
AT
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT MANAGER
AP
PROJECT TEAM MEMBERS
CHECK

PROJECT START STAMP

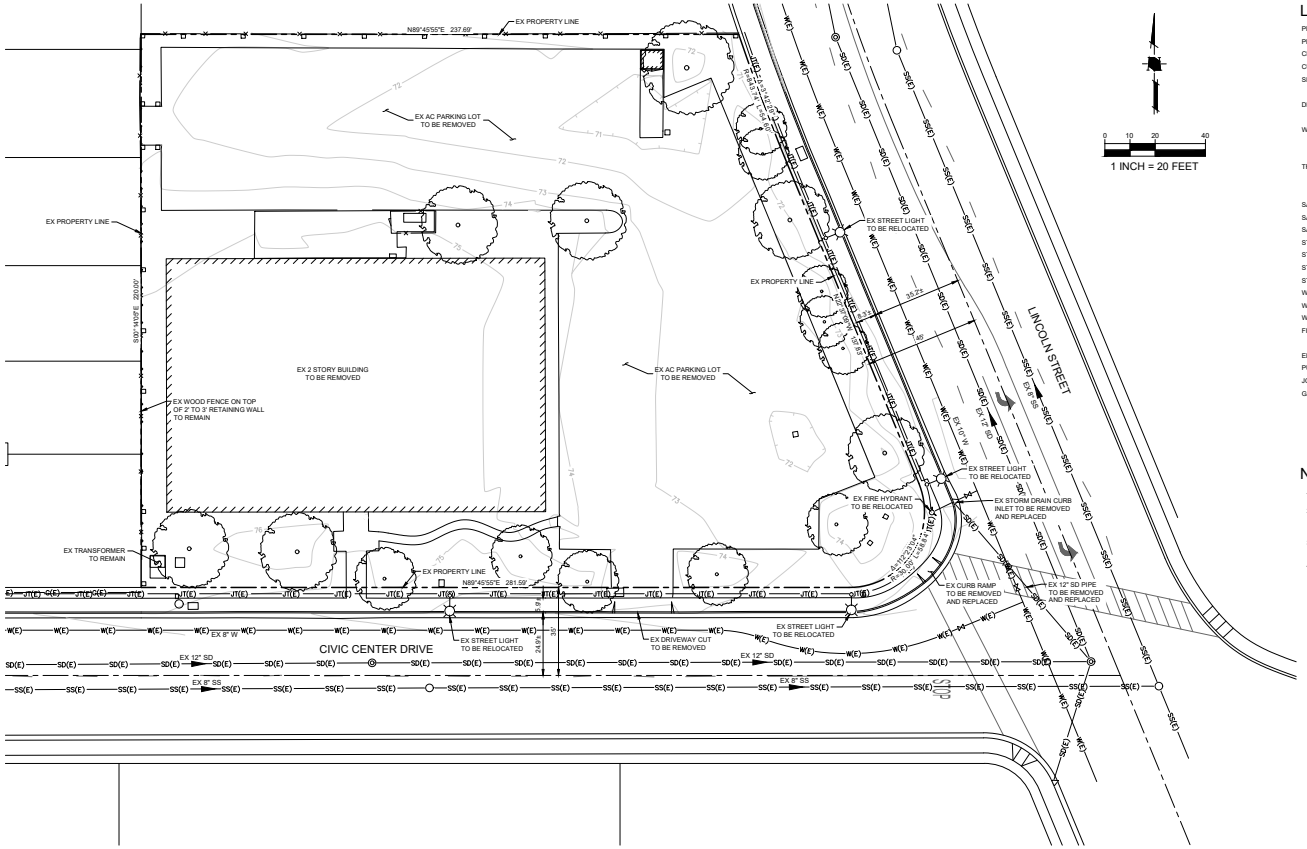
SHEET
GROSS AREA CALCS

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
G2.00A
GPA RESUBMISSION 2

ORIGINAL SHEET SIZE: 30" x 42"

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LEGEND

	EXISTING
PROJECT BOUNDARY	
PROPERTY LINE	
CENTERLINE	
CURB AND GUTTER	
SIDEWALK	
DRIVEWAY	
WHEELCHAIR RAMP	
TREE	
SANITARY SEWER	SS(E)
SANITARY SEWER MANHOLE	
SANITARY SEWER CLEAN OUT	
STORM DRAIN LINE	SD(E)
STORM DRAIN MANHOLE	
STORM DRAIN CURB INLET	
STORM DRAIN INLET	
WATER MAIN	W(E)
WATER VALVE	
WATER METER	
FIRE HYDRANT	
ELECTROLIER	
PULL BOX	
JOINT TRENCH	JT(E)
GAS	G(E)

NOTES

1. ALL EXISTING TREES WITHIN THE PROPERTY TO BE REMOVED.
2. EXISTING CURB, GUTTER AND ATTACHED SIDEWALK TO BE REMOVED AND REPLACED ALONG THE PROJECT FRONTAGE ON CIVIC CENTER DRIVE.
3. EXISTING CURB AND GUTTER ALONG THE PROJECT FRONTAGE ON LINCOLN STREET TO BE REMOVED AND REPLACED.
4. EXISTING ATTACHED SIDEWALK ALONG THE PROJECT FRONTAGE ON LINCOLN STREET TO BE REMOVED AND REPLACED WITH A DETACHED SIDEWALK.

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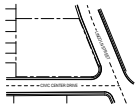
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
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VICINITY MAP



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DESIGN PARTNER
AP
PROJECT MANAGER
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PROJECT DESIGNERS

PROJECT TEAM MEMBERS

CHECK

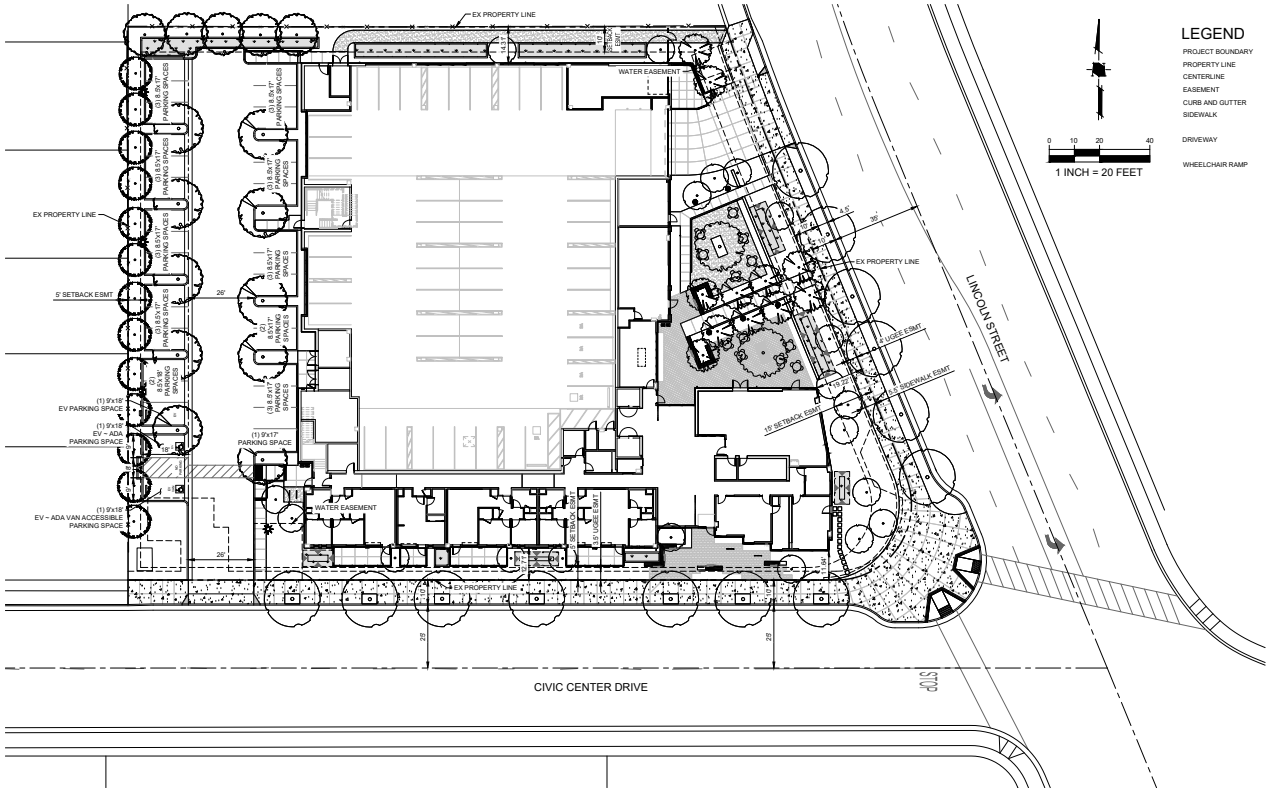
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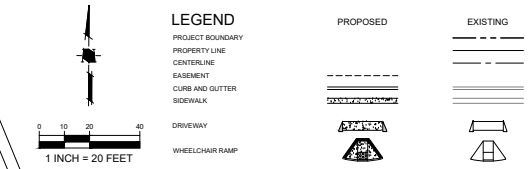
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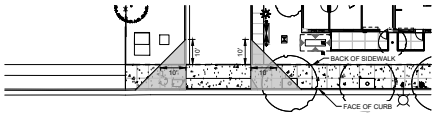
PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
C1.01
GPA RESUBMISSION 2

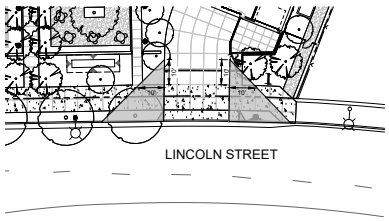
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DRIVEWAY'S TRIANGLE OF SAFETY
SCALE: 1" = 20'



DRIVEWAY'S TRIANGLE OF SAFETY
SCALE: 1" = 20'

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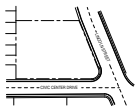
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NO.	DATE	REVISION
04.08.2022		GPA RESUBMISSION 1

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AP
PROJECT MANAGER
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PROJECT ARCHITECT
SA / AK
PROJECT DESIGNER
PROJECT TEAM MEMBERS
CHECK

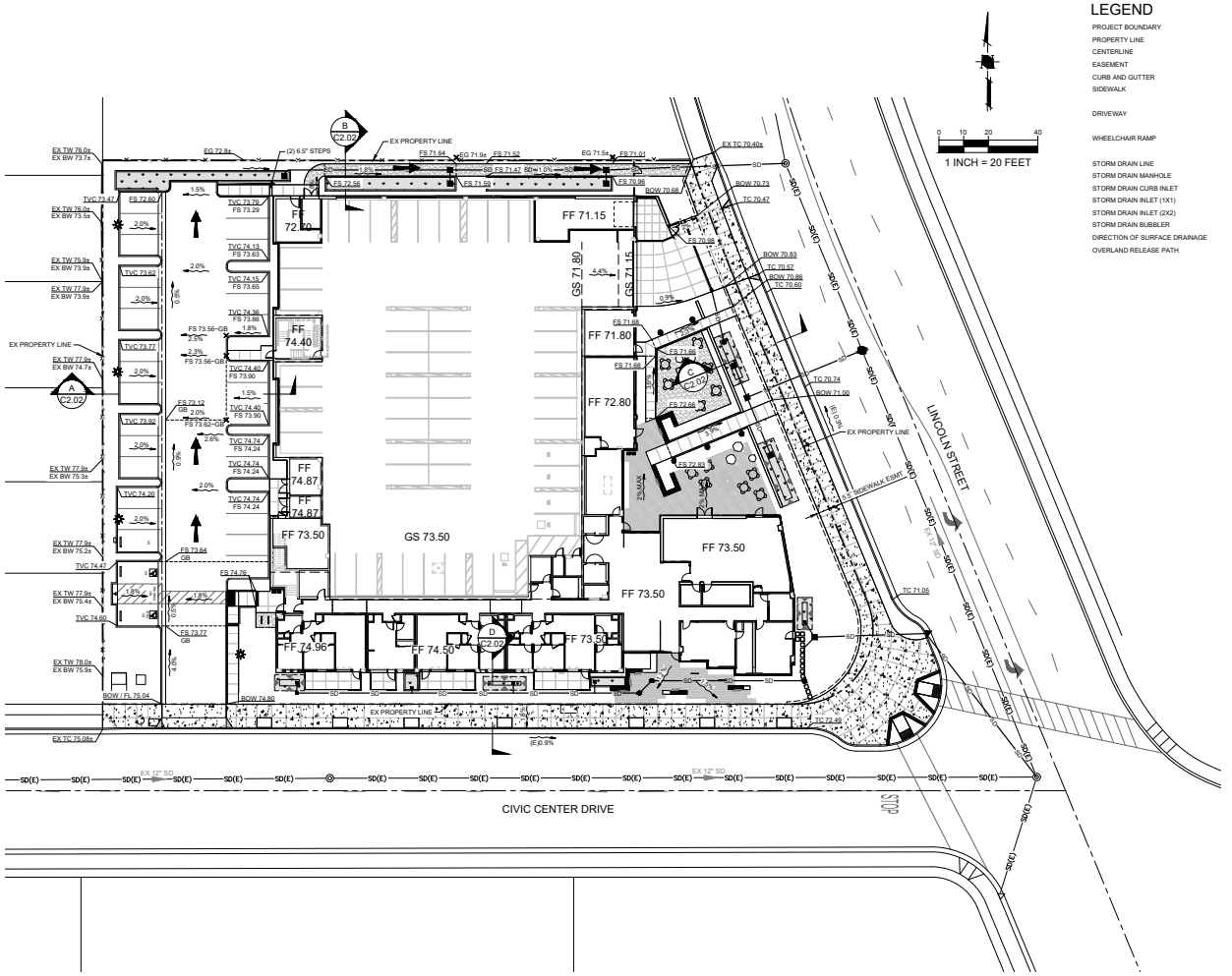
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TITLE
SITE PLAN

PROJECT NO.
1927400
DATE
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SHEET NUMBER
C1.02
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05.09.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
04.08.2022		GPA RESUBMISSION 1

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PROJECT ARCHITECT
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PROJECT DESIGNER
PROJECT TEAM MEMBERS
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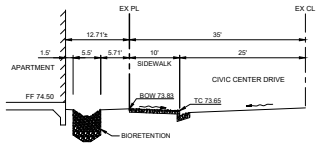
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GRADING PLAN

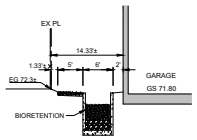
PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
C2.01
GPA RESUBMISSION 2

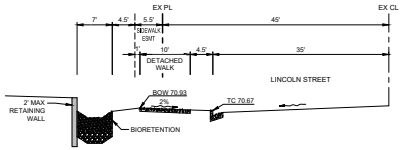
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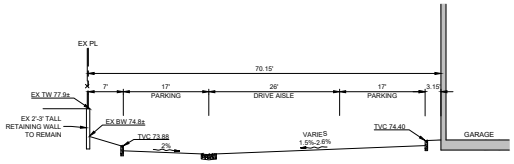
D SECTION
NTS



B SECTION
NTS



C SECTION
NTS



A SECTION
NTS

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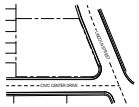
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
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VICINITY MAP



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NO.	DATE	REVISION
04.08.2022		GPA RESUBMISSION 1

DESIGN PARTNER
AP
PROJECT MANAGER
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SA / AK
PROJECT DESIGNER

PROJECT TEAM MEMBERS

CHECK

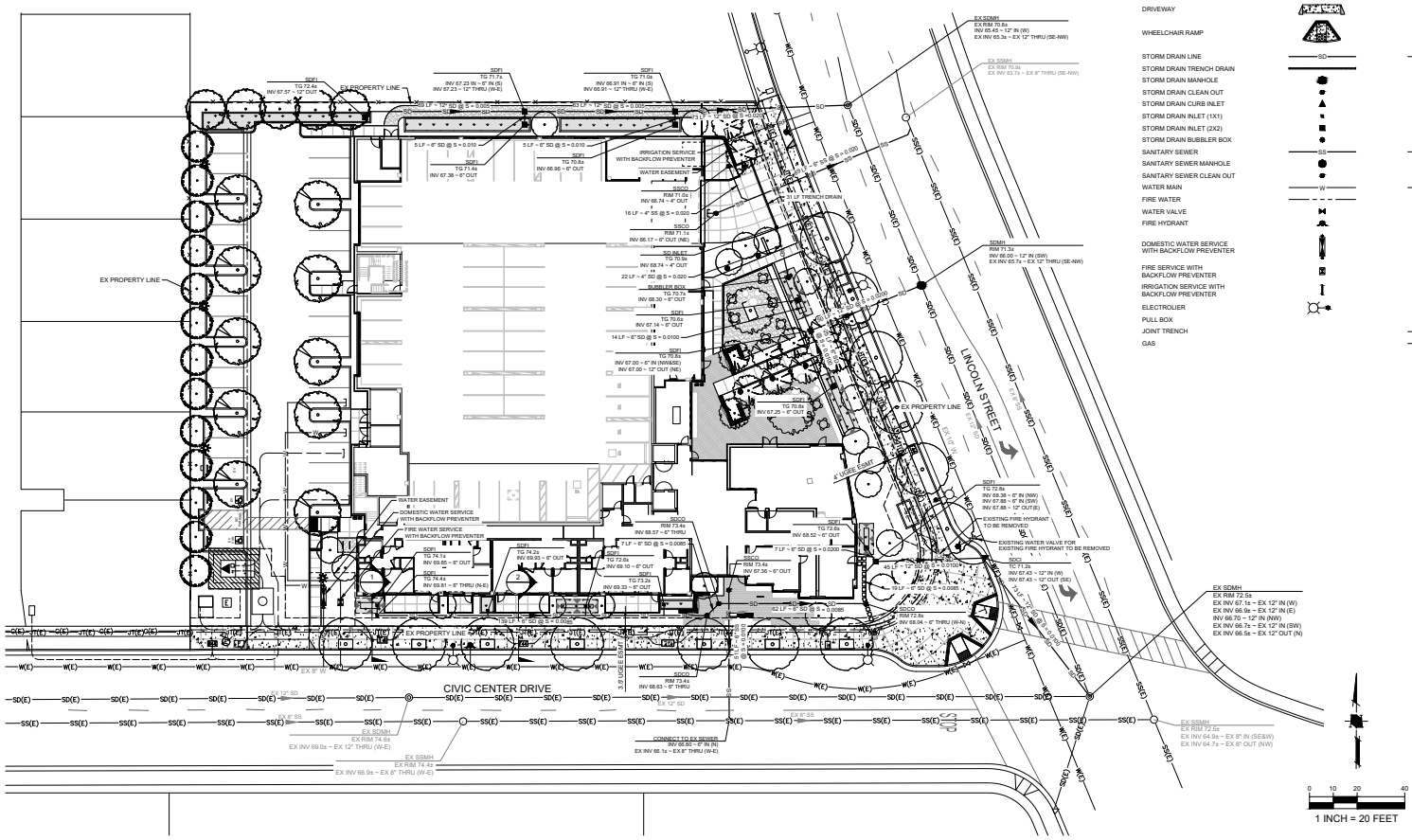
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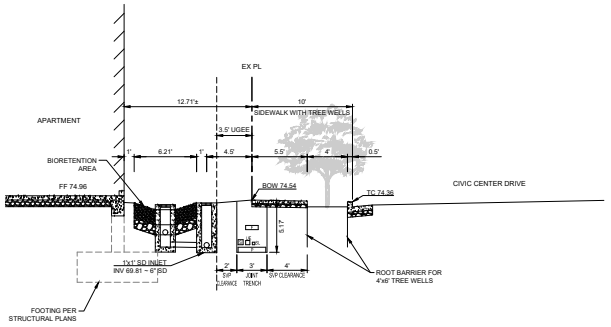
TITLE
GRADING SECTIONS

PROJECT NO.
1927400
DATE
05/25/2022

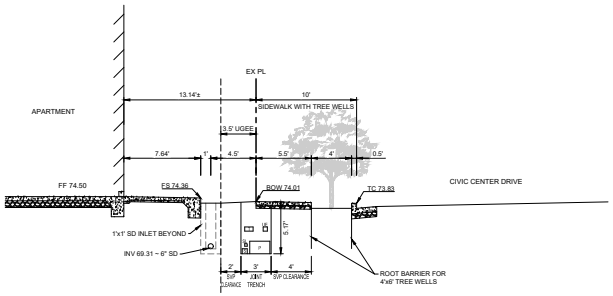
SHEET NUMBER
C2.02
GPA RESUBMISSION 2

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1 SECTION
SCALE: 1" = 5'



2 SECTION
SCALE: 1" = 5'

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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
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SANTA CLARA, CA
95050

PREPARED FOR

VICINITY MAP

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DESIGN PARTNER
AP
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PROJECT TEAM MEMBERS
CHECK

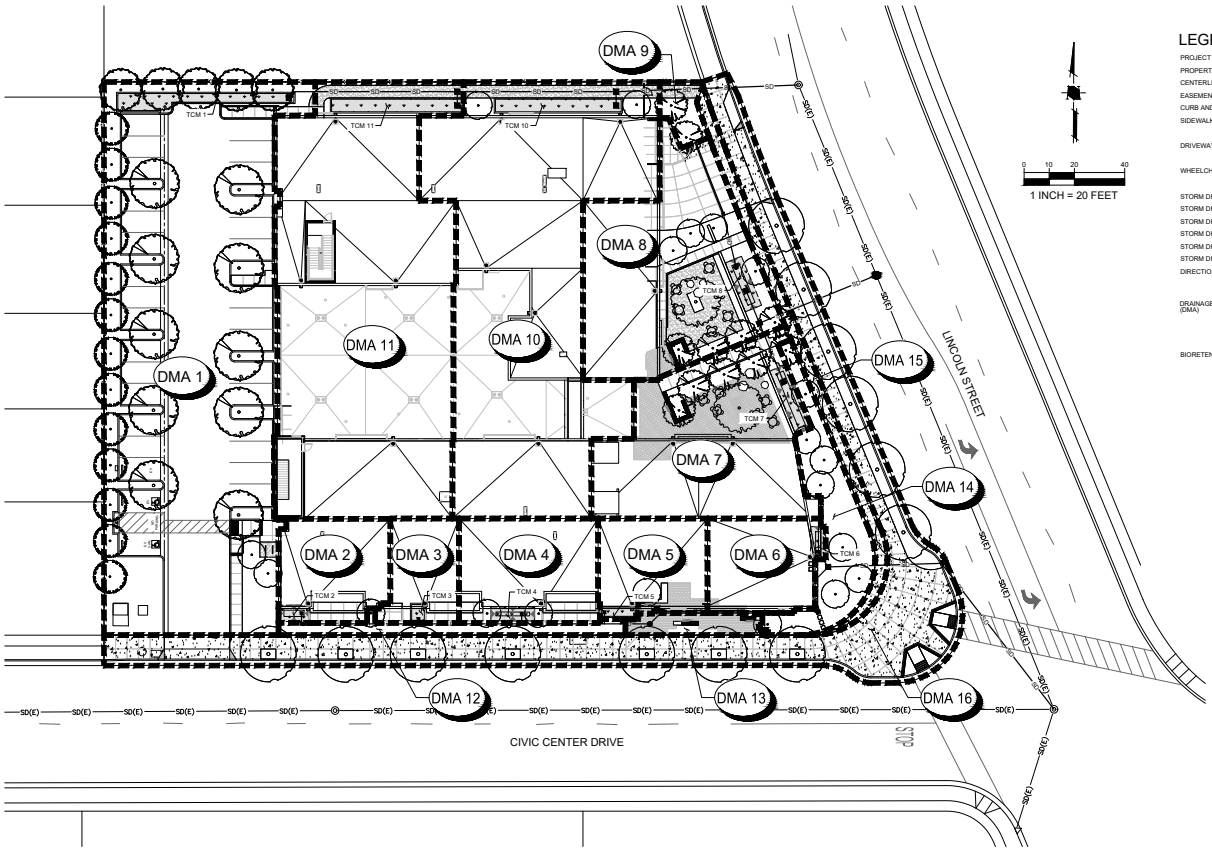
COUNTY STAMP SPACE

TITLE
UTILITY PLAN

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
C3.01
GPA RESUBMISSION 2

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LEGEND

	PROPOSED	EXISTING
PROJECT BOUNDARY		
PROPERTY LINE		
CENTERLINE		
EASEMENT		
CURB AND GUTTER		
SIDEWALK		
DRIVEWAY		
WHEELCHAIR RAMP		
STORM DRAIN LINE	SD	SD(E)
STORM DRAIN MANHOLE		
STORM DRAIN CURB INLET		
STORM DRAIN INLET (1X1)		
STORM DRAIN INLET (2X2)		
STORM DRAIN BUBBLER		
DIRECTION OF SURFACE DRAINAGE		
DRAINAGE MANAGEMENT AREA (DMA)	DMA	
BIORETENTION BASIN		

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PROJECT ARCHITECT
SA / AK
PROJECT DESIGNER
PROJECT TEAM MEMBERS
CHECK

COUNTY STAMP SPACE

TITLE
STORMWATER CONTROL PLAN

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
C4.01
GPA RESUBMISSION 2

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Site Conditions	
Soil Type	Silt Loam (B)
Depth to Groundwater	0 – 10 ft
100-Year Flood Elevation	Zone X (Less than 1')
Receiving Water Body	Guadalupe River
Pollutants	Sediment, Grease, Oil, Heavy Metals, Hydrocarbons, Trash, Nutrients, Pesticides
Pollutant Source Areas	Roofs, Paved Podium Surfaces, Driveways, Trash Receptacles, Landscaping
Source Control Measures	Stenciled Inlets, Covered Trash Enclosure, Covered Parking, Clustered Buildings

* Soil type and depth to groundwater information per C.3 Stormwater Handbook, Santa Clara Valley Urban Runoff Pollution Prevention Program, April 2012. Flood elevation information per FEMA Flood Insurance Rate Maps, May 18, 2009.

Bioretreatment Cell Maintenance

The following maintenance activities and schedule are based on the recommendations provided in the California Stormwater BMP Handbook – New and Redevelopment.

Maintenance

The primary maintenance requirement for bioretreatment areas is that of inspection and repair or replacement of the treatment area's components. Generally, this involves nothing more than the routine periodic maintenance that is required of any landscaped area. Plants that are appropriate for the site, climatic, and watering conditions should be selected for use in the bioretreatment cell. Appropriately selected plants will aid in reducing fertilizer, pesticide, water, and overall maintenance requirements. Bioretreatment system components should blend over time through plant and root growth, organic decomposition, and the development of a natural soil horizon. These biologic and physical processes over time will lengthen the facility's life span and reduce the need for extensive maintenance.

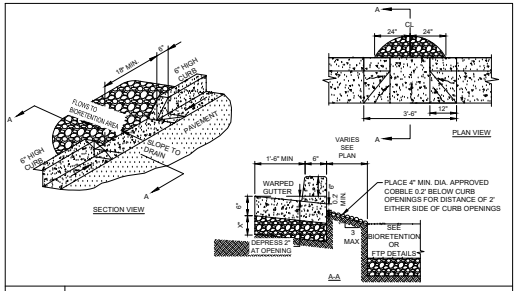
Routine maintenance should include a biannual health evaluation of the trees and shrubs and subsequent removal of any dead or diseased vegetation (EPA, 1999). Diseased vegetation should be treated as needed using preventative and low-toxic measures to the extent possible. BMPs have the potential to create very attractive habitats for mosquitoes and other vectors because of highly organic, often heavily vegetated areas mixed with shallow water. Routine inspections for areas of standing water within the BMP and corrective measures to restore proper infiltration rates are necessary to prevent creating mosquito and other vector habitat. In addition, bioretreatment BMPs are susceptible to invasion by aggressive plant species such as cattails, which increase the chances of water standing and subsequent vector production if not routinely maintained.

In order to maintain the treatment area's appearance it may be necessary to prune and weed. If surface mulch is specified, mulch replacement is suggested when erosion is evident or when the site begins to look unattractive. Specifically, the entire area may require mulch replacement every two to three years, although spot mulching may be sufficient when there are random void areas. Mulch replacement should be done prior to the start of the wet season.

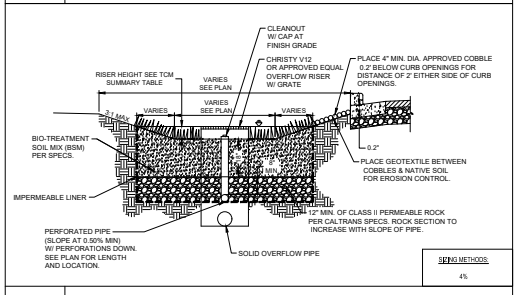
Accumulated sediment and debris removal (especially at the inflow point) will normally be the primary maintenance function. Other potential tasks include replacement of dead vegetation, soil pH regulation, erosion repair at inflow points, mulch replenishment, unclogging the under drain, and repairing overflow structures. There is also the possibility that the cation exchange capacity of the soils in the cell will be significantly reduced over time. Depending on pollutant loads, soils may need to be replaced within 5-10 years of construction (LID, 2000).

The following schedule provides a summary of the recommended maintenance activities:

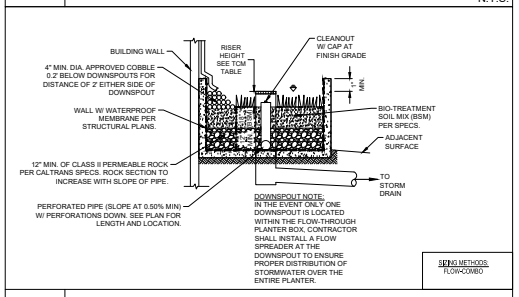
BIOTREATMENT MAINTENANCE SCHEDULE	
Activity	Schedule
→ Re-mulch void areas	As needed
→ Treat diseased trees and shrubs	As needed
→ Water plants daily for two weeks	At project completion
→ Inspect soil and repair eroded areas	Monthly
→ Remove litter and debris	Monthly
→ Remove and replace dead and diseased vegetation	Twice per year
→ Add additional mulch	Once per year
→ Replace tree stakes and wire	Once per year



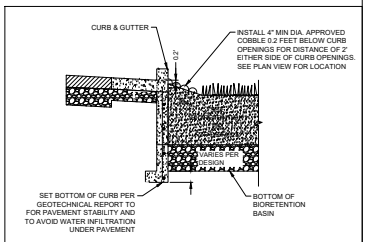
4 CURB OPENING N.T.S.



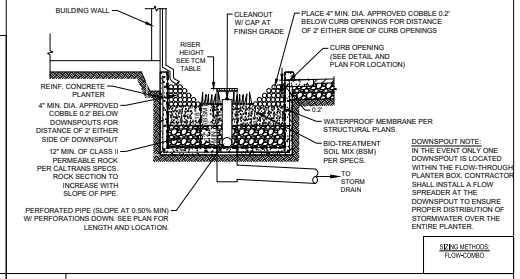
3 BIORETENTION BASIN W/ LINER N.T.S.



2 FLOW-THROUGH PLANTER (ABOVE GRADE) N.T.S.



5 CURB ADJACENT TO BIORETENTION N.T.S.



1 FLOW-THROUGH PLANTER (BELOW GRADE) N.T.S.

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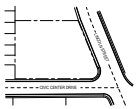
HMH
1570 Oakland Road (408) 487-2200
San Jose, CA 95131 HMHca.com

PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR

VICINITY MAP



DATE	ISSUE
12.08.2020	PLANNING SUBMITTAL
02.5.2021	100% SCHEMATIC DESIGN
6.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
04.08.2022	GPA RESUBMISSION 1
05.09.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
	04.08.2022	GPA RESUBMISSION 1

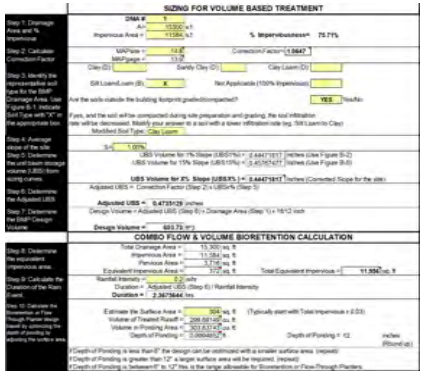
DESIGN PARTNER
AP
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT DESIGNER
PROJECT TEAM MEMBERS
CHECK

COUNTY STAMP SPACE

TITLE
STORMWATER CONTROL NOTES & DETAILS
1927400
DATE
05/25/2022

SHEET NUMBER
C4.02
GPA RESUBMISSION 2

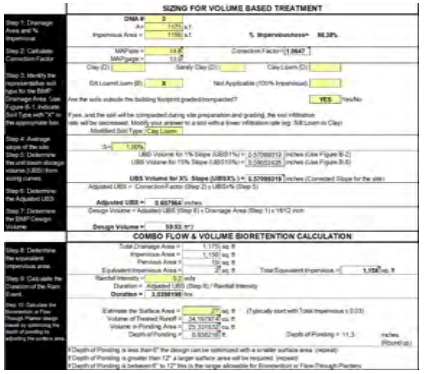
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SIZING FOR VOLUME BASED TREATMENT

DMA #: 7
A= 15300 s.f.
Impervious Area = 11584 s.f.
% Imperviousness= 75.71%
MAP/pipe = 14.8 Correction Factor= 1.0647
MAP/gage = 13.9
Clay (D) Sandy Clay (D) Clay Loam (D)
Silt Loam/Loam (B) X Not Applicable (100% Impervious)
Are the soils outside the building footprint graded/compacted? YES Yes/No
If yes, and the soil will be compacted during site preparation and grading, the soil infiltration rate will be decreased. Modify your answer to a soil with a lower infiltration rate (eg. Silt Loam to Clay)
Modified Soil Type: Clay Loam
S= 1.00%
UBS Volume for 1% Slope (UBS1%) = 2.44471817 inches (Use Figure B-2)
UBS Volume for 15% Slope (UBS15%) = 3.45767477 inches (Use Figure B-5)
UBS Volume for X% Slope (UBSX%) = 2.44471817 inches (Corrected Slope for the site)
Adjusted UBS = Correction Factor (Step 2) x UBSX% (Step 3)
Adjusted UBS = 0.4735129 inches
Design Volume = Adjusted UBS (Step 5) x Drainage Area (Step 1) x 1ft/12 inch
Design Volume = 683.73 ft³

COMBO FLOW & VOLUME BIORETENTION CALCULATION

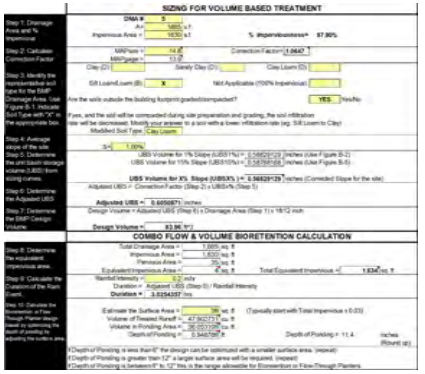
Total Drainage Area = 15,300 sq. ft
Impervious Area = 11,584 sq. ft
Pervious Area = 3,716 sq. ft
Equivalent Impervious Area = 712 sq. ft Total Equivalent Impervious = 11,584 sq. ft
Rainfall Intensity = 0.2 in/hr
Duration = Adjusted UBS (Step 6) / Rainfall Intensity
Duration = 2.3677644 hrs
Estimate the Surface Area = 304 sq. ft (Typically start with Total Impervious x 0.03)
Volume of Treated Runoff = 288.68148 cu. ft
Volume in Ponding Area = 303.63147 cu. ft
Depth of Ponding = 0.9964827 ft Depth of Ponding = 12 inches (Round up)
If Depth of Ponding is less than 6" the design can be optimized with a smaller surface area. (repeat)
If Depth of Ponding is greater than 12" a larger surface area will be required. (repeat)
If Depth of Ponding is between 6" to 12" this is the range allowable for Bioretention or Flow-Through Planters


SIZING FOR VOLUME BASED TREATMENT

DMA #: 9
A= 1575 s.f.
Impervious Area = 1150 s.f.
% Imperviousness= 96.38%
MAP/pipe = 14.8 Correction Factor= 1.0647
MAP/gage = 13.9
Clay (D) Sandy Clay (D) Clay Loam (D)
Silt Loam/Loam (B) X Not Applicable (100% Impervious)
Are the soils outside the building footprint graded/compacted? YES Yes/No
If yes, and the soil will be compacted during site preparation and grading, the soil infiltration rate will be decreased. Modify your answer to a soil with a lower infiltration rate (eg. Silt Loam to Clay)
Modified Soil Type: Clay Loam
S= 1.00%
UBS Volume for 1% Slope (UBS1%) = 2.57069319 inches (Use Figure B-2)
UBS Volume for 15% Slope (UBS15%) = 3.59655426 inches (Use Figure B-5)
UBS Volume for X% Slope (UBSX%) = 2.57069319 inches (Corrected Slope for the site)
Adjusted UBS = Correction Factor (Step 2) x UBSX% (Step 3)
Adjusted UBS = 0.6079964 inches
Design Volume = Adjusted UBS (Step 5) x Drainage Area (Step 1) x 1ft/12 inch
Design Volume = 59.53 ft³

COMBO FLOW & VOLUME BIORETENTION CALCULATION

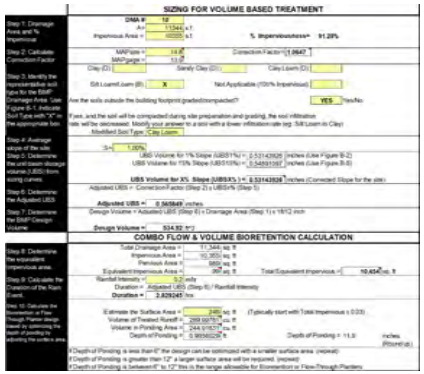
Total Drainage Area = 1,175 sq. ft
Impervious Area = 1,150 sq. ft
Pervious Area = 150 sq. ft
Equivalent Impervious Area = 25 sq. ft Total Equivalent Impervious = 1,154 sq. ft
Rainfall Intensity = 0.2 in/hr
Duration = Adjusted UBS (Step 6) / Rainfall Intensity
Duration = 3.0398198 hrs
Estimate the Surface Area = 27 sq. ft (Typically start with Total Impervious x 0.03)
Volume of Treated Runoff = 34.193767 cu. ft
Volume in Ponding Area = 25.331532 cu. ft
Depth of Ponding = 0.9382160 ft Depth of Ponding = 11.3 inches (Round up)
If Depth of Ponding is less than 6" the design can be optimized with a smaller surface area. (repeat)
If Depth of Ponding is greater than 12" a larger surface area will be required. (repeat)
If Depth of Ponding is between 6" to 12" this is the range allowable for Bioretention or Flow-Through Planters


SIZING FOR VOLUME BASED TREATMENT

DMA #: 5
A= 1885 s.f.
Impervious Area = 1630 s.f.
% Imperviousness= 87.80%
MAP/pipe = 14.8 Correction Factor= 1.0647
MAP/gage = 13.9
Clay (D) Sandy Clay (D) Clay Loam (D)
Silt Loam/Loam (B) X Not Applicable (100% Impervious)
Are the soils outside the building footprint graded/compacted? YES Yes/No
If yes, and the soil will be compacted during site preparation and grading, the soil infiltration rate will be decreased. Modify your answer to a soil with a lower infiltration rate (eg. Silt Loam to Clay)
Modified Soil Type: Clay Loam
S= 1.00%
UBS Volume for 1% Slope (UBS1%) = 2.56629129 inches (Use Figure B-2)
UBS Volume for 15% Slope (UBS15%) = 3.58798168 inches (Use Figure B-5)
UBS Volume for X% Slope (UBSX%) = 2.56629129 inches (Corrected Slope for the site)
Adjusted UBS = Correction Factor (Step 2) x UBSX% (Step 3)
Adjusted UBS = 0.6050871 inches
Design Volume = Adjusted UBS (Step 5) x Drainage Area (Step 1) x 1ft/12 inch
Design Volume = 83.96 ft³

COMBO FLOW & VOLUME BIORETENTION CALCULATION

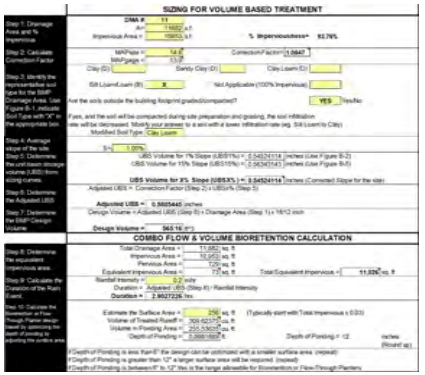
Total Drainage Area = 1,885 sq. ft
Impervious Area = 1,630 sq. ft
Pervious Area = 255 sq. ft
Equivalent Impervious Area = 41 sq. ft Total Equivalent Impervious = 1,634 sq. ft
Rainfall Intensity = 0.2 in/hr
Duration = Adjusted UBS (Step 6) / Rainfall Intensity
Duration = 3.0294357 hrs
Estimate the Surface Area = 49 sq. ft (Typically start with Total Impervious x 0.03)
Volume of Treated Runoff = 47.8622713 cu. ft
Volume in Ponding Area = 36.057172 cu. ft
Depth of Ponding = 0.9482786 ft Depth of Ponding = 11.4 inches (Round up)
If Depth of Ponding is less than 6" the design can be optimized with a smaller surface area. (repeat)
If Depth of Ponding is greater than 12" a larger surface area will be required. (repeat)
If Depth of Ponding is between 6" to 12" this is the range allowable for Bioretention or Flow-Through Planters


SIZING FOR VOLUME BASED TREATMENT

DMA #: 12
A= 11344 s.f.
Impervious Area = 10339 s.f.
% Imperviousness= 91.29%
MAP/pipe = 14.8 Correction Factor= 1.0647
MAP/gage = 13.9
Clay (D) Sandy Clay (D) Clay Loam (D)
Silt Loam/Loam (B) X Not Applicable (100% Impervious)
Are the soils outside the building footprint graded/compacted? YES Yes/No
If yes, and the soil will be compacted during site preparation and grading, the soil infiltration rate will be decreased. Modify your answer to a soil with a lower infiltration rate (eg. Silt Loam to Clay)
Modified Soil Type: Clay Loam
S= 1.00%
UBS Volume for 1% Slope (UBS1%) = 2.53142926 inches (Use Figure B-2)
UBS Volume for 15% Slope (UBS15%) = 3.54893167 inches (Use Figure B-5)
UBS Volume for X% Slope (UBSX%) = 2.53142926 inches (Corrected Slope for the site)
Adjusted UBS = Correction Factor (Step 2) x UBSX% (Step 3)
Adjusted UBS = 0.5605449 inches
Design Volume = Adjusted UBS (Step 6) x Drainage Area (Step 1) x 1ft/12 inch
Design Volume = 524.92 ft³

COMBO FLOW & VOLUME BIORETENTION CALCULATION

Total Drainage Area = 11,344 sq. ft
Impervious Area = 10,353 sq. ft
Pervious Area = 980 sq. ft
Equivalent Impervious Area = 267 sq. ft Total Equivalent Impervious = 10,434 sq. ft
Rainfall Intensity = 0.2 in/hr
Duration = Adjusted UBS (Step 6) / Rainfall Intensity
Duration = 2.8292457 hrs
Estimate the Surface Area = 249 sq. ft (Typically start with Total Impervious x 0.03)
Volume of Treated Runoff = 269.69757 cu. ft
Volume in Ponding Area = 244.91527 cu. ft
Depth of Ponding = 0.9834629 ft Depth of Ponding = 11.8 inches (Round up)
If Depth of Ponding is less than 6" the design can be optimized with a smaller surface area. (repeat)
If Depth of Ponding is greater than 12" a larger surface area will be required. (repeat)
If Depth of Ponding is between 6" to 12" this is the range allowable for Bioretention or Flow-Through Planters


SIZING FOR VOLUME BASED TREATMENT

DMA #: 11
A= 11662 s.f.
Impervious Area = 10853 s.f.
% Imperviousness= 93.06%
MAP/pipe = 14.8 Correction Factor= 1.0647
MAP/gage = 13.9
Clay (D) Sandy Clay (D) Clay Loam (D)
Silt Loam/Loam (B) X Not Applicable (100% Impervious)
Are the soils outside the building footprint graded/compacted? YES Yes/No
If yes, and the soil will be compacted during site preparation and grading, the soil infiltration rate will be decreased. Modify your answer to a soil with a lower infiltration rate (eg. Silt Loam to Clay)
Modified Soil Type: Clay Loam
S= 1.00%
UBS Volume for 1% Slope (UBS1%) = 2.54524114 inches (Use Figure B-2)
UBS Volume for 15% Slope (UBS15%) = 3.56343143 inches (Use Figure B-5)
UBS Volume for X% Slope (UBSX%) = 2.54524114 inches (Corrected Slope for the site)
Adjusted UBS = Correction Factor (Step 2) x UBSX% (Step 3)
Adjusted UBS = 0.5605445 inches
Design Volume = Adjusted UBS (Step 6) x Drainage Area (Step 1) x 1ft/12 inch
Design Volume = 565.16 ft³

COMBO FLOW & VOLUME BIORETENTION CALCULATION

Total Drainage Area = 11,662 sq. ft
Impervious Area = 10,853 sq. ft
Pervious Area = 729 sq. ft
Equivalent Impervious Area = 274 sq. ft Total Equivalent Impervious = 11,324 sq. ft
Rainfall Intensity = 0.2 in/hr
Duration = Adjusted UBS (Step 6) / Rainfall Intensity
Duration = 2.9027226 hrs
Estimate the Surface Area = 256 sq. ft (Typically start with Total Impervious x 0.03)
Volume of Treated Runoff = 309.623705 cu. ft
Volume in Ponding Area = 255.536095 cu. ft
Depth of Ponding = 0.9881697 ft Depth of Ponding = 12 inches (Round up)
If Depth of Ponding is less than 6" the design can be optimized with a smaller surface area. (repeat)
If Depth of Ponding is greater than 12" a larger surface area will be required. (repeat)
If Depth of Ponding is between 6" to 12" this is the range allowable for Bioretention or Flow-Through Planters

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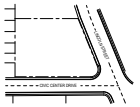
HMH
1570 Oakland Road (408) 487-2200
San Jose, CA 95131 HMHca.com

PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR

VICINITY MAP



DATE	ISSUE
12.08.2020	PLANNING SUBMITTAL
02.5.2021	100% SCHEMATIC DESIGN
6.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
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05.09.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
	04.08.2022	GPA RESUBMISSION 1

DESIGN PARTNER
AP
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT DESIGNER
PROJECT TEAM MEMBERS
CHECK

COUNTY STAMP SPACE

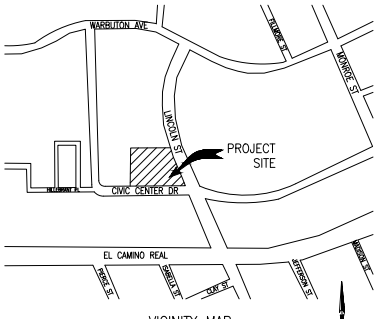
TITLE
STORMWATER CONTROL CALCULATIONS

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
C4.03
GPA RESUBMISSION 2

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5/18/2022 9:42:55 AM



VICINITY MAP
N. T. S.

WORK RESPONSIBILITY JOINT TRENCH

	SVP ELECTRIC	PG&E GAS	AT&T TELEPHONE	COMCAST CATV	CONTRACTOR
TRENCHING					
EXCAVATE & BACKFILL	○	○	○	○	●
GAS MATERIAL					
SUPPLY & INSTALL	○	○	○	○	○
ELECTRIC CABLE					
SUPPLY & INSTALL	●	○	○	○	○
ELECTRIC CONDUIT					
SUPPLY & INSTALL	○	○	○	○	●
ELECTRIC BOXES					
SUPPLY & INSTALL	○	○	○	○	●
EXCAVATION	○	○	○	○	●
ELECTRIC TRANSFORMER PADS					
SUPPLY & INSTALL	○	○	○	○	●
EXCAVATION	○	○	○	○	●
ELECTRIC SWITCHGEAR & TRANSFORMER					
SUPPLY & INSTALL	○	○	○	○	●
TELEPHONE CONDUIT					
SUPPLY & INSTALL	○	○	○	○	●
TELEPHONE CABLE					
SUPPLY & INSTALL	○	○	●	○	○
TELEPHONE SPLICE BOXES					
SUPPLY & INSTALL	○	○	○	○	●
EXCAVATION	○	○	○	○	●
TELEPHONE S.A.I. PAD					
SUPPLY & INSTALL	○	○	○	○	○
EXCAVATION	○	○	○	○	○
C.A.T.V. CONDUIT					
SUPPLY & INSTALL	○	○	○	○	●
C.A.T.V. SPLICE BOXES					
SUPPLY & INSTALL	○	○	○	○	●
EXCAVATION	○	○	○	○	●
C.L.E.C. FIBER CONDUIT ___ACCEPTED ___DECLINED					
SUPPLY & INSTALL	○	○	○	○	○
C.L.E.C. FIBER SPLICE BOXES ___ACCEPTED ___DECLINED					
SUPPLY & INSTALL	○	○	○	○	○
EXCAVATION	○	○	○	○	○
DIRECTIONAL DRILL / JACK AND BORE					
SUPPLY & INSTALL CONDUIT	○	○	○	○	○
EXCAVATION	○	○	○	○	○

● SYMBOL DESIGNATES THE WORK TO BE PERFORMED BY THE RESPECTIVE CONTRACTOR & UTILITY COMPANIES.

○ NOT APPLICABLE UNLESS OTHERWISE SPECIFIED

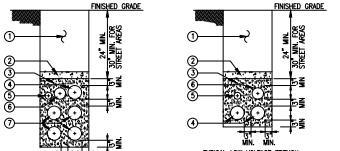
THESE PLANS WERE PREPARED IN CONJUNCTION WITH THE FOLLOWING PLANS:

	RECEIVED	APPROVED
CIVIL IMPROVEMENT PLANS/GRADING PLANS	05-20-2022	PRELIMINARY
ARCHITECTURAL ELECTRONIC FILE	05-23-2022	PRELIMINARY
APPLICANT DESIGN (GAS)		
SVP DESIGN (ELECTRIC)		
TELEPHONE		
C.A.T.V.		
LANDSCAPE	05-25-2022	PRELIMINARY
LIGHT LOCATIONS		

VISION UTILITY PARTNERS is not responsible for any subsequent changes or revisions.

OTHER UTILITIES SHOWN ARE APPROXIMATE AND BASED ON FIELD SURVEY AND AVAILABLE UTILITY INFORMATION. IT IS THE CONTRACTORS' RESPONSIBILITY TO VERIFY THE ACTUAL LOCATION AND EXTENT OF UTILITIES PRIOR TO THE COMMENCEMENT OF WORK. PHYSICAL VERIFICATION OF UTILITY LOCATIONS SHALL BE PERFORMED BY CAREFUL PROBING OR HAND DIGGING IN ACCORDANCE WITH ARTICLE 6 OF THE CAL/OSHA CONSTRUCTION SAFETY ORDERS.

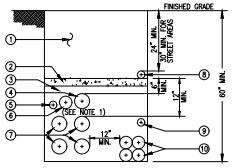
SVP TRENCH SECTIONS



LEGEND: ① NATURAL BACKFILL; ② 3" CONCRETE CAP (REQUIRED ONLY FOR PLANTABLE AREAS AND OTHER LOCATIONS AS CALLED FOR ON PLANS); ③ SAND ENCASED; ④ 5" SECONDARY CONDUIT; ⑤ 2" STREET LIGHT CONDUIT; ⑥ 4" UTILITY ELECTRIC CIRCUIT; ⑦ 5" PRIMARY CONDUITS

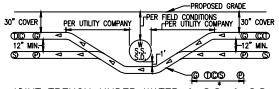
NOTES:
1. CONCRETE CAP REQUIRED WHEN DUCTS ARE INSTALLED IN AN AREA THAT CAN BE PLANTED. USE A 3 SACK MINIMUM MIX FOR THE CONCRETE.
2. ALL DIMENSIONS SHOWN ARE MINIMUM REQUIRED. 30" MINIMUM COVER OVER PRIMARY DUCTS IS REQUIRED. NUMBER AND SIZES OF DUCTS TO BE SHOWN ON DETAILED SVP PROJECT DRAWINGS.
3. 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 IN UG-1000 FOR SAND REQUIREMENTS.

JOINT TRENCH CONFIGURATION



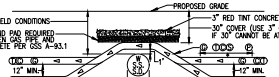
LEGEND: ① NATURAL BACKFILL; ② 3" CONCRETE CAP (REQUIRED ONLY FOR PLANTABLE AREAS AND OTHER LOCATIONS AS CALLED FOR ON PLANS); ③ SAND BACKFILL; ④ 5" SECONDARY CONDUIT; ⑤ 2" STREET LIGHT CONDUIT; ⑥ 4" UTILITY ELECTRIC CIRCUIT; ⑦ 5" PRIMARY CONDUITS; ⑧ PG&E GAS; ⑨ CATV CONDUIT; ⑩ TELEPHONE CONDUITS

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. GAS 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 UNDER WATER & S.S. & S.D.

*WIDTH PER SIZE & NUMBER OF EACH UTILITY. PG&E AND CITY INSPECTOR TO DETERMINE METHOD OF CROSSING.



JOINT TRENCH OVER WATER & S.S. & S.D

*WIDTH PER SIZE & NUMBER OF EACH UTILITY. PG&E AND CITY INSPECTOR TO DETERMINE METHOD OF CROSSING.

NOTE: TRENCH DEPTH NOT TO EXCEED 5' UNLESS APPROVED BY PG&E INSPECTOR. IN NO CASE SHOULD PLASTIC GAS PIPE BE INSTALLED AT A DEPTH GREATER THAN 10' UNLESS APPROVED BY PG&E SENIOR GAS ENGINEER.

TRENCHING CONTRACTOR SHALL NOT ASSUME THAT EITHER OF THE ABOVE DETAILS WILL BE ACCEPTABLE TO PG&E AND SVP. YOU ARE REQUIRED TO CONTACT THE LOCAL PG&E AND SVP ENGINEERING OFFICE WITH ANY ISSUE RELATING TO COVERS LESS THAN MINIMUM OR COVERS REQUIRING SHORING. CONCRETE CAPPING IS ONLY ACCEPTABLE WHERE NO OTHER SOLUTION IS POSSIBLE AND ONLY WHEN CERTAIN CRITERIA ARE MET AND ONLY WITH PG&E AND SVP APPROVAL.

GENERAL NOTES:

1. THE PREFERRED TRENCH LOCATION IS IN A PUBLIC UTILITY EASEMENT (P.U.E.).
2. ALL DEPTHS AND RESULTING COVER REQUIREMENTS ARE MEASURED FROM FINAL GRADE.
3. COVER, CLEARANCES, AND SEPARATION SHALL BE AS GREAT AS PRACTICABLE UNDER THE CIRCUMSTANCES, BUT UNDER NO CIRCUMSTANCES SHALL BE LESS THAN THE MINIMUM COVER, CLEARANCE, AND SEPARATION REQUIREMENTS SET FORTH IN GENERAL ORDER 128 AND 49CFR 192.321, 49CFR 192.325, AND 49CFR 192.327. ALL FACILITIES SHALL BE ANCHORED IN PLACE PRIOR TO COMPACTION, OR OTHER MEANS SHALL BE TAKEN TO ENSURE NO MOTION OF THE FACILITIES. DIMENSIONAL REQUIREMENTS FOR SHADING, LEVELING, AND BACKFILLING SHALL BE DETERMINED SUBSEQUENT TO COMPACTION.
4. TRENCH DIMENSIONS SHOWN ARE TYPICAL TRENCH SIZES AND CONFIGURATIONS MAY VARY DEPENDING UPON OCCUPANCY AND/OR FIELD CONDITIONS. TRENCH SIZE AND CONFIGURATION MUST AT ALL TIMES BE CONSTRUCTED IN A MANNER THAT ENSURES PROPER CLEARANCES AND COVER REQUIREMENTS ARE MET. ANY "CHANGE" TO THE TRENCH WIDTH AND CONFIGURATIONS AS SHOWN IN THIS EXHIBIT MUST BE DESIGNED TO ENSURE THIS REQUIREMENT.
5. NON-UTILITY FACILITIES ARE NOT ALLOWED IN ANY JOINT UTILITY TRENCH, E.G., IRRIGATION CONTROL LINES, BUILDING FIRE ALARM SYSTEMS, PRIVATE TELEPHONE SYSTEMS, OUTDOOR ELECTRICAL CABLE, ETC.
6. WHEN COMMUNICATION DUCTS ARE INSTALLED, A MINIMUM OF 12" RADIAL SEPARATION SHALL BE MAINTAINED FROM GAS FACILITIES, EXCEPTION: WITH MUTUAL AGREEMENT, WHEN 4-INCH DIAMETER OR SMALLER GAS PIPE IS INSTALLED, THE SEPARATION MAY BE REDUCED TO NOT LESS THAN 6 INCHES.
7. PROVIDE SEPARATION FROM TRENCH WALL AND OTHER FACILITIES SUFFICIENT TO ENSURE PROPER COMPACTION.
8. MAINTAIN PROPER SEPARATION BETWEEN PG&E FACILITIES AND "WET" UTILITY LINES AS DESCRIBED IN UO STANDARD S5453. THE MINIMUM ALLOWABLE HORIZONTAL SEPARATION BETWEEN COMPANY FACILITIES AND "WET" FACILITIES IS 3' WITH A MINIMUM 1' OF UNDISTURBED EARTH OR THE INSTALLATION OF A SUITABLE BARRIER BETWEEN THE FACILITIES. IF A 3' HORIZONTAL SEPARATION CANNOT BE ATTAINED BETWEEN "WET" UTILITIES AND COMPANY DRY FACILITIES, A VARIANCE MAY BE APPROVED BY THE LOCAL INSPECTION SUPERVISOR AND SUBMITTED TO THE SERVICE PLANNING SUPPORT PROGRAM MANAGER FOR APPROVAL. SEPARATIONS OF 1' OR LESS ARE NOT PERMISSIBLE AND WILL NOT BE ALLOWED. THE COMPANY MAY AGREE TO WAIVE THE MINIMUM 3' SEPARATION REQUIREMENT AT THE REQUEST OF AN APPLICANT IF WARRANTED AND THE NEED IS JUSTIFIED. THE REQUEST FOR A WAIVER MUST:
   - BE MADE IN WRITING AND SUBMITTED TO THE COMPANY ADE DURING THE PLANNING AND DESIGN PHASE OF THE PROJECT;
   - CLEARLY DESCRIBE THE CONDITIONS NECESSITATING THE WAIVER;
   - INCLUDE A PROPOSED DESIGN, AND INCLUDE A DESIGN FOR A BARRIER BETWEEN THE "WET" UTILITIES AND COMPANY DRY FACILITIES IN THE EVENT 1' OF UNDISTURBED EARTH CANNOT BE MAINTAINED. NOTE: DRAIN LINES CONNECTED TO DOWNSPOUTS ON BUILDINGS ARE CONSIDERED A "WET" UTILITY FOR THE PURPOSES OF THIS STANDARD.
9. SEPARATIONS SHALL BE MAINTAINED AT ABOVEGROUND TERMINATION POINTS.
10. PROCEDURES FOR APPROVING NATIVE BACKFILL FOR SHADING OF PG&E GAS FACILITIES:
    - RANDOM SOIL SAMPLES SHALL BE TAKEN FROM A MINIMUM OF 3 LOCATIONS PER 1,000' OF TRENCH. 100% OF THE SAMPLE MUST PASS THROUGH A 1 1/2" SIEVE AND 75% MUST PASS THROUGH A #4 SCREEN. ADDITIONAL SAMPLES MUST BE TAKEN IF EXISTING SOIL CONDITIONS CHANGE AND AS TO BE TAKEN AT THE DISCRETION OF THE PG&E REPRESENTATIVE ON SITE.
    - THE SOILS MUST NOT CONTAIN ANY ROCKS THAT HAVE SHARP EDGES OR THAT MAY OTHERWISE BE ABRASIVE.
    - THE SOILS MUST NOT CONTAIN CLODS LARGER THAN 1/2" IF TO BE USED AS SHADING, BEDDING, OR LEVELING MATERIALS.
    - COMPACTION REQUIREMENTS MUST MEET ANY APPLICABLE PG&E, FEDERAL, STATE, COUNTY, OR LOCAL REQUIREMENTS.
    - AT NO TIME SHALL THE OVER SATURATION OF NATIVE SOILS BE USED TO ACHIEVE THESE REQUIREMENTS.
    - THE SIEVES AND SCREENS SHALL BE:
      1/2" SIEVE: 8" DIAMETER BY 2" DEEP, STAINLESS STEEL MESH SCREEN.
      #4 SCREEN: 8" DIAMETER BY 2" DEEP, STAINLESS STEEL MESH SCREEN.
11. FOR SVP ELECTRIC SUBSTRUCTURE BACKFILL REQUIREMENTS, SEE SVP STANDARD DOCUMENT UG-0345.
12. COMPETENT NATIVE SOILS ARE PREFERRED TO BE USED FOR SHADING, BEDDING, AND BACKFILLING THROUGHOUT THE TRENCH.
    - WHERE NATIVE SOILS EXCEED 1/2" MINUS AND/OR WHERE GAS IS TO BE PLACED AT THE BOTTOM OF A TRENCH IN AREAS THAT EXCEED 1/2" MINUS SOIL CONDITIONS, OR WHERE THE BOTTOM OF A TRENCH IS CONSIDERED TO CONSIST OF HARD PAN, PG&E APPROVED 1/2" MINUS IMPORT MATERIAL SHALL BE USED FOR SHADING AND/OR BEDDING OF GAS FACILITIES.
    - PG&E APPROVED IMPORT MATERIAL PER ENGINEERING GUIDELINE 4123.
    - IF A LEVELING COURSE IS REQUIRED FOR GAS FACILITIES, THE USE OF NATIVE SOILS IS PREFERRED, BUT IF 1/2" MINUS CONDITIONS ARE NOT ATTAINABLE WITH THE NATIVE SOILS, THEN THE USE OF PG&E APPROVED IMPORT MATERIALS IS REQUIRED. BEDDING UNDER GAS FACILITIES WILL BE A MINIMUM OF 2" OF COMPACTED 1/2" MINUS NATIVE SOILS OR PG&E APPROVED IMPORT MATERIAL.
    - FOR ELECTRIC FACILITIES, REFER TO NOTE 11.
    - THE MINIMUM PG&E APPROVED BEDDING MATERIAL MAY BE INCREASED AT THE DISCRETION OF PG&E WHEN WARRANTED BY EXISTING FIELD CONDITIONS (E.G., ROCKY SOILS, HARD PAN, ETC.).
    - THE USE OF ANY IMPORTED MATERIAL FOR BACKFILLING PURPOSES SHALL BE LIMITED TO THOSE SITUATIONS WHEN NATIVE SOILS DO NOT ALLOW FOR REQUIRED COMPACTION.
13. THE APPLICANT IS RESPONSIBLE FOR THE REMOVAL OF EXCESS SPOIL AND ASSOCIATED COSTS.
14. SERVICE SADDLES ARE THE PREFERRED SERVICE FITTINGS FOR USE THROUGHOUT THE JOINT TRENCH PROJECT. ALL PROJECTS WILL BE DESIGNED AND ESTIMATED USING SERVICE SADDLES. HOWEVER, SERVICE TEES MAY BE USED IF ALL CLEARANCES, SEPARATION, AND COVERAGE REQUIREMENTS ARE MAINTAINED.
15. CONTRACTOR TO INCREASE GAS METER SPACING AS NECESSARY WHEN EARTHQUAKE VALVES OR OTHER ADDITIONAL SAFETY EQUIPMENT ARE REQUIRED. EARTHQUAKE VALVES ARE REQUIRED IN SOME AREAS AND ARE NOT PART OF PG&E/VISION UTILITY PARTNERS SCOPE. THIS INFORMATION CAN BE FOUND ON BUILDING MECHANICAL ENGINEER'S PLANS. PG&E STANDARD METER SPACING REQUIREMENTS DO NOT INCLUDE CLEARANCE FOR EARTHQUAKE VALVES.

GAS PIPELINE UNDERGROUND WARNING TAPE NOTES:

1. A WARNING TAPE IS TO BE INSTALLED IN OPEN TRENCH INSTALLATION OVER GAS PIPELINES IN BOTH TRANSMISSION AND DISTRIBUTION FACILITIES. THIS INCLUDES TRENCHES, BELL HOLES, EXCAVATIONS FOR REPAIR PURPOSES AND RISER REPLACEMENTS. THE WARNING TAPE IS INTENDED FOR EXCAVATOR DIGGING IN THE "TOLERANCE ZONE" TO STRIKE THE WARNING TAPE PRIOR THAN THE PIPELINE, WHEN THE WARNING TAPE IS EXPOSED AND GRABBED WITH EXCAVATING EQUIPMENT, IT STRETCHES WITHOUT BREAKING, THUS ALERTING THE EXCAVATOR OF THE GAS FACILITY BELOW.
2. INSTALL 6" WIDE WARNING TAPE ABOVE THE GAS PIPELINE AT LEAST 12" BELOW GRADE, AND NO CLOSER THAN 12" FROM THE PIPE. INSTALLATION SHOULD PROVIDE THE GREATEST DISTANCE BETWEEN THE PIPELINE AND THE TAPE AS POSSIBLE. INSTALL THE TAPE ALONG THE LENGTH OF THE EXCAVATION. ENSURE THAT THE TAPE OVERLAPS WHEN TWO OR MORE PIECES OF TAPE ARE USED. EXCEPTION: WHEN A JOINT TRENCH DESIGN DOES NOT ALLOW FOR INSTALLMENT OF WARNING TAPE WITHIN THE "WARNING TAPE INSTALLATION ZONE", INSTALL THE WARNING TAPE A MINIMUM OF 6" ABOVE THE GAS PIPELINE, AND BELOW THE FACILITY ABOVE THE PIPE.
3. WARNING TAPE SHALL BE BRIGHTLY COLORED YELLOW AND MARKED "CAUTION: GAS LINE BURIED BELOW" OR MARKED WITH A SIMILAR NOTIFICATION.
4. WARNING TAPE SHALL BE STORED IN SUCH A MANNER THAT LIMITS ULTRAVIOLET (UV) EXPOSURE.

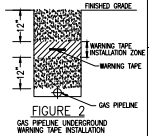


FIGURE 2
GAS PIPELINE UNDERGROUND WARNING TAPE INSTALLATION

TYPICAL GAS METER REQUIREMENTS*

METER TYPE	LOAD (SCFH)	DELIVERY PRESSURE** (PSIG)	PAD SIZE (INCHES)	MIN. WIDTH REQUIRED FOR METER "X" (INCHES)	DISTANCE FROM RISER TO FINISHED WALL (INCHES)	MIN. HOUSELINE STUB OUT (INCHES)
TYPICAL RESIDENTIAL	0-350	0.25	N/A UNLESS USING FLEX-HOSE METER	24	6 TO 9	4
	0-600	2				
400 TO 1000 CLASS	351-1,400	0.25	N/A UNLESS USING FLEX-HOSE METER	30	6 TO 9	6
	601-2,400	2				
1.5M OR 3M ROTARY	1,401-3,000	APPROVED BY PG&E	40 X 36 X 4	52	20	VARIES
5M OR 7M ROTARY	3,001-7,000	APPROVED BY PG&E	78 X 36 X 4	90	20	VARIES
11M OR 16M ROTARY	7,001-16,000	APPROVED BY PG&E	94 X 36 X 4	106	20	VARIES

*ACTUAL METER-SET CONFIGURATIONS MAY DIFFER DEPENDING ON FIELD CONDITIONS AND RESTRICTIONS. FOR GAS METER DETAILS, SEE SECTION 2 OF CURRENT ELECTRIC AND GAS SERVICE REQUIREMENTS GREENBOOK BY PG&E.

**DELIVERY PRESSURE TO BE CONFIRMED VIA BUILDING PLUMBING AND MECHANICAL PLANS. PG&E MAINTAINS SOLE AUTHORITY TO DETERMINE IF THE ELEVATED DELIVERY-PRESSURE SERVICE IS AVAILABLE AT A SPECIFIC LOCATION.

PG&E PM#S:

GAS:

DESIGN CHANGE COMPONENT

ANY CHANGES TO THIS DESIGN MUST BE APPROVED BY

PG&E GAS ADE ____ PHONE NUMBER

CONSTRUCTION NOTES:

1. ALL TRENCHING, BACKFILLING AND INSTALLATION BY CONTRACTOR MUST COMPLY WITH PG&E UO STANDARD S5453 (EFFECTIVE DATE 7-5-2006) AND SILICON VALLEY POWER STANDARD DOCUMENT UG-1000.
2. ALL WORK MUST COMPLY WITH PG&E, SVP, TELEPHONE, CATV, STANDARDS AND PRACTICES. ALL WORK MUST BE INSPECTED AND APPROVED BY RESPECTIVE INSPECTORS. RANDOM SOIL SAMPLES SHALL BE TAKEN FROM A MINIMUM OF THREE LOCATIONS PER 1,000' OF TRENCH. 100% OF THE SAMPLE MUST PASS THROUGH A 1" SIEVE AND 75% MUST PASS THROUGH A #4 SCREEN. ADDITIONAL SAMPLES MUST BE TAKEN IF EXISTING SOIL CONDITIONS CHANGE AND IS TO BE AT THE DISCRETION OF THE PG&E/SVP REPRESENTATIVE ON SITE. THE SOILS MUST NOT CONTAIN ANY ROCKS THAT HAVE SHARP EDGES OR THAT MAY OTHERWISE BE ABRASIVE. THE SOILS MUST NOT CONTAIN CLODS LARGER THAN 3" IF TO BE USED AS SHADING, BEDDING OR LEVELING MATERIALS. COMPACTION REQUIREMENTS MUST MEET ANY APPLICABLE PG&E, SVP, FEDERAL, STATE, COUNTY OR LOCAL REQUIREMENTS. ANY NATIVE SOILS OR IMPORT MATERIALS USED MUST NOT HINDER THOSE EFFORTS.
3. BACKFILL SHALL BE APPROVED BY THE UTILITY COMPANIES AND THE CITY. COMPACTION WILL BE TESTED AND PASSED BY THE SOILS ENGINEER.
4. IF SOIL IS NOT ROCK FREE, ADD 4" DEPTH OF TRENCH FOR SAND BEDDING.
5. VERIFY SPLICE BOX EXCAVATION SIZES WITH SUPPLIER(S).
6. THE TRENCHING CONTRACTOR SHALL COORDINATE THE UTILITY COMPANIES' INSTALLATION. THE TRENCHING CONTRACTOR TO PLACE CONNECTING CONDUIT WITHIN 5' OF BUILDING EXTERIOR WALL.
7. CONTRACTOR SHALL MAKE HIMSELF FAMILIAR WITH THE PROJECT IMPROVEMENT PLANS AND CONDUCT HIS WORK ACCORDINGLY.
8. IT IS THE TRENCHING CONTRACTOR'S RESPONSIBILITY TO PROTECT IN PLACE ALL EXISTING FACILITIES. NO EXTRA PAYMENT WILL BE CONSIDERED FOR CROSSING OTHER SYSTEMS.
9. VISION UTILITY PARTNERS ASSUMES NO RESPONSIBILITY FOR THE PROJECT CONDITIONS. THESE DRAWINGS WERE PREPARED USING DATA SUPPLIED BY PG&E, SVP, TELEPHONE, CATV, IMPROVEMENT PLANS AND THE CITY'S VARIOUS "AS BUILT" INFORMATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PHYSICALLY REVIEW THE PROJECT PRIOR TO SUBMITTING HIS BID.
10. CONTRACTOR WILL COMPLY WITH ALL LAWS, ORDINANCES AND REGULATIONS. CONTRACTOR SHALL BE FAMILIAR WITH O.S.H.A., INDUSTRIAL SAFETY ORDERS AND SHALL CONDUCT HIS WORK ACCORDINGLY. WHEN WORKING NEAR ENERGIZED OR "HOT" EQUIPMENT, THE UTILITY OWNER SHALL BE NOTIFIED TO SUPPLY THE APPROPRIATE MAN POWER. PUBLIC SAFETY AND TRAFFIC CONTROL MEASURES ARE THE CONTRACTOR'S RESPONSIBILITY.
11. THE CONTRACTOR SHALL PROTECT CONSTRUCTION STAKING. HE SHALL COORDINATE STAKING WITH THE PROJECT'S CIVIL ENGINEER.
12. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) TWO WORKING DAYS PRIOR TO START OF WORK.
13. CONTRACTOR SHALL NOTIFY INSPECTORS OF ANY POTENTIAL CONFLICTS PRIOR TO START OF WORK.
14. TAPE PLAN IS TO BE USED FOR SOLE PURPOSE OF DIGGING THE JOINT TRENCH. SEE PG&E, SVP, TELEPHONE, AND CATV PLANS FOR EXACT SIZE AND NUMBER OF CONDUITS INSTALLED IN THE JOINT TRENCH. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THE CORRECT NUMBER, SIZE AND TYPES OF CONDUITS ARE INSTALLED PER THE ENGINEERED PLANS BY EACH UTILITY COMPANY.
15. NOTE PLANS ISSUED AT THE PRE-CONSTRUCTION MEETING MAY BE SUBJECT TO REVISIONS, IF FINAL PLANS FROM EACH UTILITY COMPANY WERE NOT AVAILABLE AT THE START OF CONSTRUCTION.
16. WATER, SEWER, DRAINS, SANITARY WASTE, FUELS (INCLUDING DIESEL AND GASOLINE), OIL, PROPANE AND OTHER VOLATILES HEAVIER THAN AIR GASES, SPRINKLER, IRRIGATION, STEAM AND OTHER "WET" FACILITIES SHALL MAINTAIN A MINIMUM OF THREE FEET FROM THE NEAREST OUTER SURFACE OF PG&E AND SVP FACILITIES WITH NO LESS THAN ONE FOOT OF EARTH (SOIL BARRIER) BETWEEN THE ADJACENT SIDES OF THE INDIVIDUAL TRENCHES.
17. IN THE EXTRAORDINARY CASE THAT THE MINIMUM THREE FOOT HORIZONTAL SEPARATION CANNOT BE ATTAINED BETWEEN "WET" UTILITIES AND COMPANY DRY FACILITIES, A VARIANCE MAY APPROVED BY THE LOCAL INSPECTION SUPERVISOR AND SUBMITTED TO SERVICE PLANNING SUPPORT PROGRAM MANAGER FOR APPROVAL.
18. THIS JOINT TRENCH PLANS WERE PREPARED BASED ON TOPOGRAPHICAL SURVEY BY A CIVIL ENGINEER. THE CONTRACTOR IS CAUTIONED THAT EXPLORATORY WORK IS NECESSARY TO DETERMINE THE ACTUAL LOCATION OF ANY EXISTING UTILITY. VISION UTILITY PARTNERS STRONGLY RECOMENDS THAT ALL UTILITIES BE PHYSICALLY LOCATED ON THE SITE BEFORE THE ONSET OF SITE WORK. SUBSTRUCTURE LOCATIONS MAY REQUIRE FIELD ADJUSTMENT TO COMPENSATE FOR ACTUAL EXISTING UTILITY LOCATIONS.
19. THIS JOINT TRENCH PLAN AND PREPARED BASED ON TOPOGRAPHICAL SURVEY AS PROVIDED BY A CIVIL ENGINEER. THE CONTRACTOR IS CAUTIONED THAT EXPLORATORY WORK IS NECESSARY TO DETERMINE THE ACTUAL LOCATION OF ANY EXISTING UTILITY. VISION UTILITY PARTNERS STRONGLY RECOMENDS THAT ALL UTILITIES BE PHYSICALLY LOCATED ON THE SITE BEFORE THE ONSET OF SITE WORK. SUBSTRUCTURE LOCATIONS MAY REQUIRE FIELD ADJUSTMENT TO COMPENSATE FOR ACTUAL EXISTING UTILITY LOCATIONS.

SUBSTRUCTURE VERIFICATION STAMP

DEVELOPER
PLEASE NOTE AND SIGN

ALL ENCLOSURES AND BOXES HAVE BEEN SET TO GRADE ACCORDING TO GRADE STAKES PROVIDED BY DEVELOPERS ENGINEER. ALL COSTS TO RELOCATE OR RE-ADJUST BOXES AT A LATER DATE WILL BE BILLED TO THE DEVELOPER. PLEASE HAVE YOUR SUPT. VERIFY THE CORRECT GRADE OF ALL ENCLOSURES OR BOXES, AND SIGN AND DATE DRAWING.

THANK YOU

SIGNED _____

DATE _____

UTILITY APPROVALS

UTILITY	APPROVED BY	DATE
SVP ELECTRIC		
PG&E GAS		
AT&T (PHONE)		
COMCAST (CATV)		
CITY ENGINEER		

FOR INTERNAL USE ONLY
QA REVIEW

PHASE	INITIALS	DATE
INTENT		
COMPOSITE		
PRE-CON		

DEVELOPER:
CHARITIES HOUSING
1400 PARKMOOR AVE
SAN JOSE, CA 95126
HAI NGUYEN
T: 408-550-8314
E: HNGUYEN@CHARITIESHOUSING.ORG

SHEET INDEX

JT-1	JOINT TRENCH TITLE SHEET
JT-2	JOINT TRENCH COMPOSITE
JT-3	JOINT TRENCH SECTIONS

MITHUN

SEATTLE / Pier 56, 1201 Alaskan Way, #200
Seattle, WA 98101 / 206.623.3344

SAN FRANCISCO / 660 Market Street, #300
San Francisco, CA 94104 / 415.956.0688

LOS ANGELES / 5837 Adams Blvd
Culver City, CA 90232 / 323.937.2150

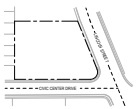
mithun.com

PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR.
SANTA CLARA, CA
95050

PREPARED FOR

VICINITY MAP



NO.	DATE	ISSUE
	12.06.2020	PLANNING SUBMITTAL
	02.5.2021	100% SCHEMATIC DESIGN
	6.23.2021	GPA SUBMITTAL
	11.19.2021	50% DESIGN DEVELOPMENT
	04.08.2022	GPA RESUBMISSION 1
	05.06.2022	100% DESIGN DEVELOPMENT
	05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
1	04.08.2022	GPA RESUBMISSION 1

DESIGN PARTNER
AP
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT DESIGNER

PROJECT TEAM MEMBERS

CHECK

COUNTY STAMP SPACE:

TITLE
JOINT TRENCH TITLE SHEET

PROJECT NO.
21-086
DATE
05/25/2022

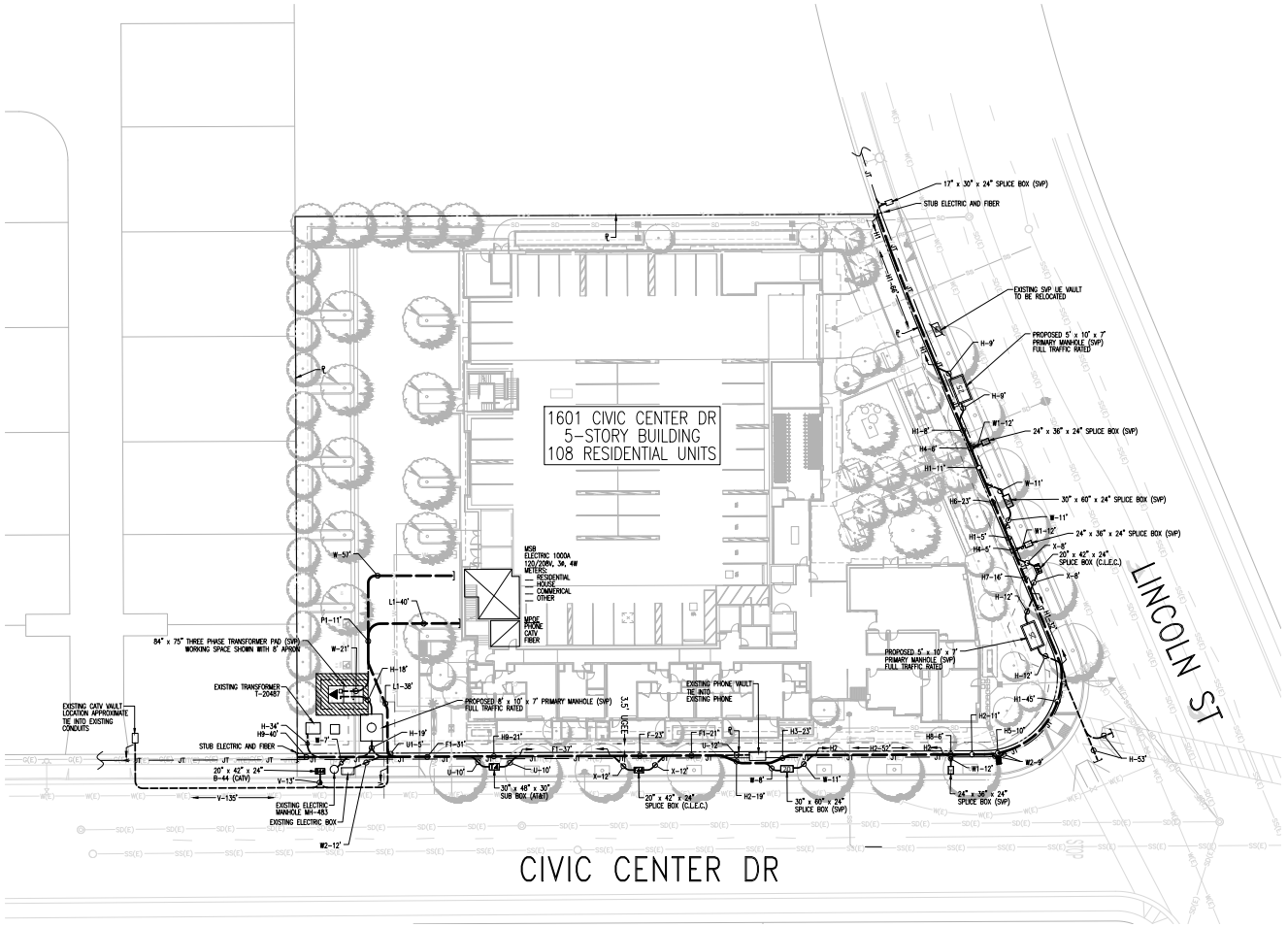
SHEET NUMBER
JT-1
DESIGN DEVELOPMENT

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5/18/2022 9:42:55 AM

-PRELIMINARY-
NOT FOR CONSTRUCTION



NOTE TO CONTRACTOR:
FOR CONTRACTOR'S WORK RESPONSIBILITY, REFER TO JOINT TRENCH TITLE SHEET (JT-1)

LEGEND

- 84" x 75" THREE PHASE TRANSFORMER PAD (SVP) WORKING SPACE SHOWN WITH 8' APRON
- PROPOSED 8' x 10' x 7' PRIMARY MANHOLE (SVP) FULL TRAFFIC RATED
- PROPOSED 5' x 10' x 7' PRIMARY MANHOLE (SVP) FULL TRAFFIC RATED
- PROPOSED 30" x 60" x 24" SPLICE BOX (SVP)
- PROPOSED 24" x 36" x 24" SPLICE BOX (SVP)
- PROPOSED 17" x 30" x 24" SPLICE BOX (SVP)
- PROPOSED 30" x 48" x 30" SUB BOX (AT&T)
- PROPOSED 20" x 42" x 24" B-44 (CATV)
- PROPOSED 20" x 42" x 24" SPLICE BOX (C.L.E.C.)
- JT — EXISTING JOINT TRENCH
- G — EXISTING GAS LINE
- EXISTING ELECTRIC MANHOLE
- EXISTING SVP VAULT TO BE RELOCATED

SUBSTRUCTURE LOCATIONS MUST BE STAKED BY A LICENSED SURVEYOR PRIOR TO CONSTRUCTION. SEE CONSTRUCTION NOTES ON JOINT TRENCH TITLE SHEET (JT-1) REGARDING EXISTING CONDITIONS.

SHEET INDEX

JT-1	JOINT TRENCH TITLE SHEET
JT-2	JOINT TRENCH COMPOSITE
JT-3	JOINT TRENCH SECTIONS

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Culver City, CA 90232 / 323.937.2150

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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR

VICINITY MAP

DATE	ISSUE
12.06.2020	PLANNING SUBMITTAL
02.5.2021	100% SCHEMATIC DESIGN
8.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
04.06.2022	GPA RESUBMISSION 1
05.06.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
1	04.06.2022	GPA RESUBMISSION 1

DESIGN PARTNER
AP
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT DESIGNER
PROJECT TEAM MEMBERS
CHECK

COUNTY STAMP SPACE

TITLE
JOINT TRENCH COMPOSITE

PROJECT NO.
21-086
DATE
05/25/2022

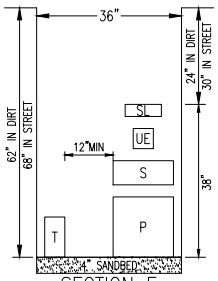
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JT-2
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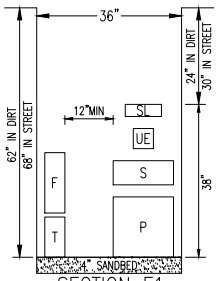
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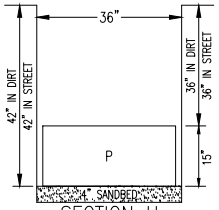
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NOT FOR CONSTRUCTION



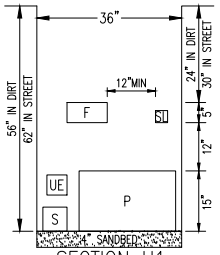
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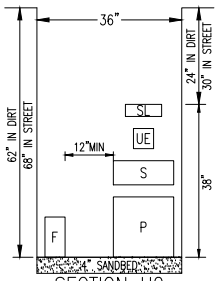
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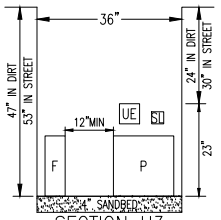
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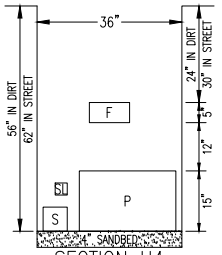
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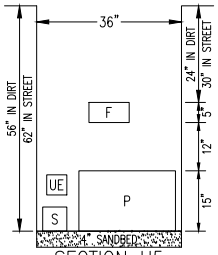
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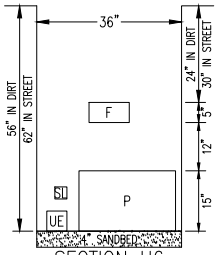
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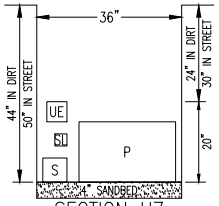
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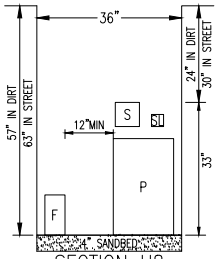
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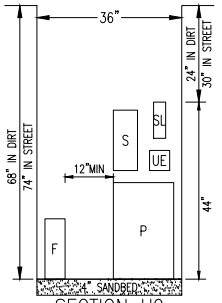
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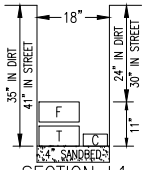
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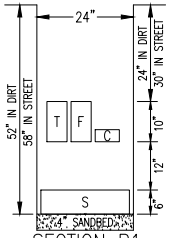
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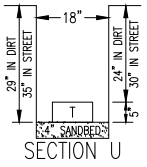
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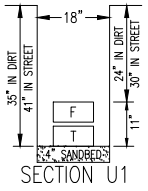
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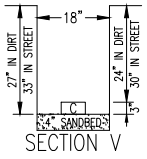
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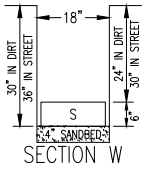
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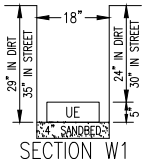
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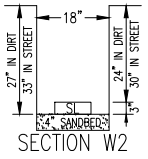
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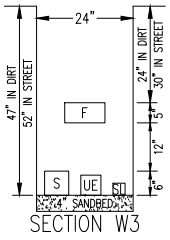
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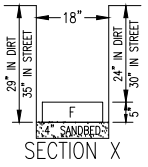
SECTION W1



SECTION W2



SECTION W3



SECTION X

TRENCH OCCUPANCY GUIDE							
SECTION	G	T	C	S	P		OTHER
A*		X	X	X	X		
B*		X	X		X	X	
C*		X			X	X	
D*			X	X	X	X	
E*	X				X	X	
F*		X			X	X	
G*				X	X	X	
H*					X	X	
I		X	X	X			
J		X	X				
K		X		X			
L			X	X			
M		X	X	X	X		
N		X	X		X		
O				X	X		
P			X	X	X		
Q		X			X		
R		X		X			
S				X	X		
T		X					
U			X				
V				X			
W					X		
X							X

*THESE SECTIONS MAY OR MAY NOT CONTAIN SECONDARY

CONTRACTOR NOTES:

1. THE SYMBOLS [P] [S] [E] [SL] [T] [C] [G] [FO] INDICATE OCCUPANCY ONLY. SEE ELECTRIC, GAS, CATV, TELEPHONE, AND FIBER OPTIC PLANS FOR EXACT SIZE AND NUMBER OF CONDUITS.
2. THIS PLAN IS TO BE USED AS A GUIDE FOR TRENCHING WIDTH AND DEPTH AND NOT CONDUIT INSTALLATION.
3. CONTRACTOR TO INCLUDE INCIDENTAL TRENCHING IN SPLICE BOX, VAULT, OR TRANSFORMER EXCAVATION IN AREAS WHERE NO ENTRANCE OR EXIT OF TRENCH IS SHOWN.
4. UTILITY COMPANIES RESERVE THE RIGHT TO MAKE FIELD ADJUSTMENTS AS NECESSARY.

SOILS NOTES:

1. VIZION UTILITY PARTNERS IS NOT RESPONSIBLE FOR ANY SOILS ENGINEERING TO DETERMINE THE ABILITY TO CONSTRUCT OR THE PROJECT CONDITIONS.
2. VIZION UTILITY PARTNERS ASSUMES NO RESPONSIBILITY FOR ADDITIONAL WORK DUE TO ADVERSE JOB SITE CONDITIONS.

MINIMUM SEPARATION AND CLEARANCE REQUIREMENTS FOR JOINT TRENCHES

	DUCT DIA.								
	G	T	C	SL	UE	S	P	FO	MIN. COVER
G GAS	6"	12"	12"	12"	12"	12"	12"	12"	24", 30" IN STREET
T TELEPHONE (DUCT)	12"	6"	1"	1"	12"	12"	12"	1"	24", 30" IN STREET
T TELEPHONE (DIRECT BURY)	12"	1"	6"	1"	12"	12"	12"	1"	24", 30" IN STREET
C CATV	12"	1"	1"	6"	12"	12"	12"	1"	24", 30" IN STREET
SL STREET LIGHT	12"	12"	12"	12"	12"	3"	3"	12"	24", 30" IN STREET
UE UTILITY ELECTRIC	12"	12"	12"	12"	3"	3"	3"	12"	24", 30" IN STREET
S ELECTRIC SECONDARY	12"	12"	12"	12"	3"	3"	3"	12"	24", 30" IN STREET
P ELECTRIC PRIMARY	12"	12"	12"	12"	3"	3"	3"	12"	36", 36" IN STREET
FO FIBER OPTIC (C.L.E.C.)	12"	1"	1"	1"	12"	12"	12"	6"	24", 30" IN STREET

ABBREVIATIONS:

- [P] PRIMARY (SVP)
- [S] SECONDARY (SVP)
- [SL] STREET LIGHT (SVP)
- [C] CATV (COMCAST)
- [T] PHONE (AT&T)
- [G] GAS (PG&E)
- [F] FIBER OPTIC (C.L.E.C.)

SHEET INDEX

JT-1	JOINT TRENCH TITLE SHEET
JT-2	JOINT TRENCH COMPOSITE
JT-3	JOINT TRENCH SECTIONS

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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR

VICINITY MAP



DATE	ISSUE
12.08.2020	PLANNING SUBMITTAL
02.5.2021	100% SCHEMATIC DESIGN
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05.09.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
1	04.08.2022	GPA RESUBMISSION 1

DESIGN PARTNER
AP
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT DESIGNER
PROJECT TEAM MEMBERS
CHECK

COUNTY STAMP SPACE:

TITLE
JOINT TRENCH SECTIONS

PROJECT NO.
21-086
DATE
05/25/2022

SHEET NUMBER
JT-3
DESIGN DEVELOPMENT

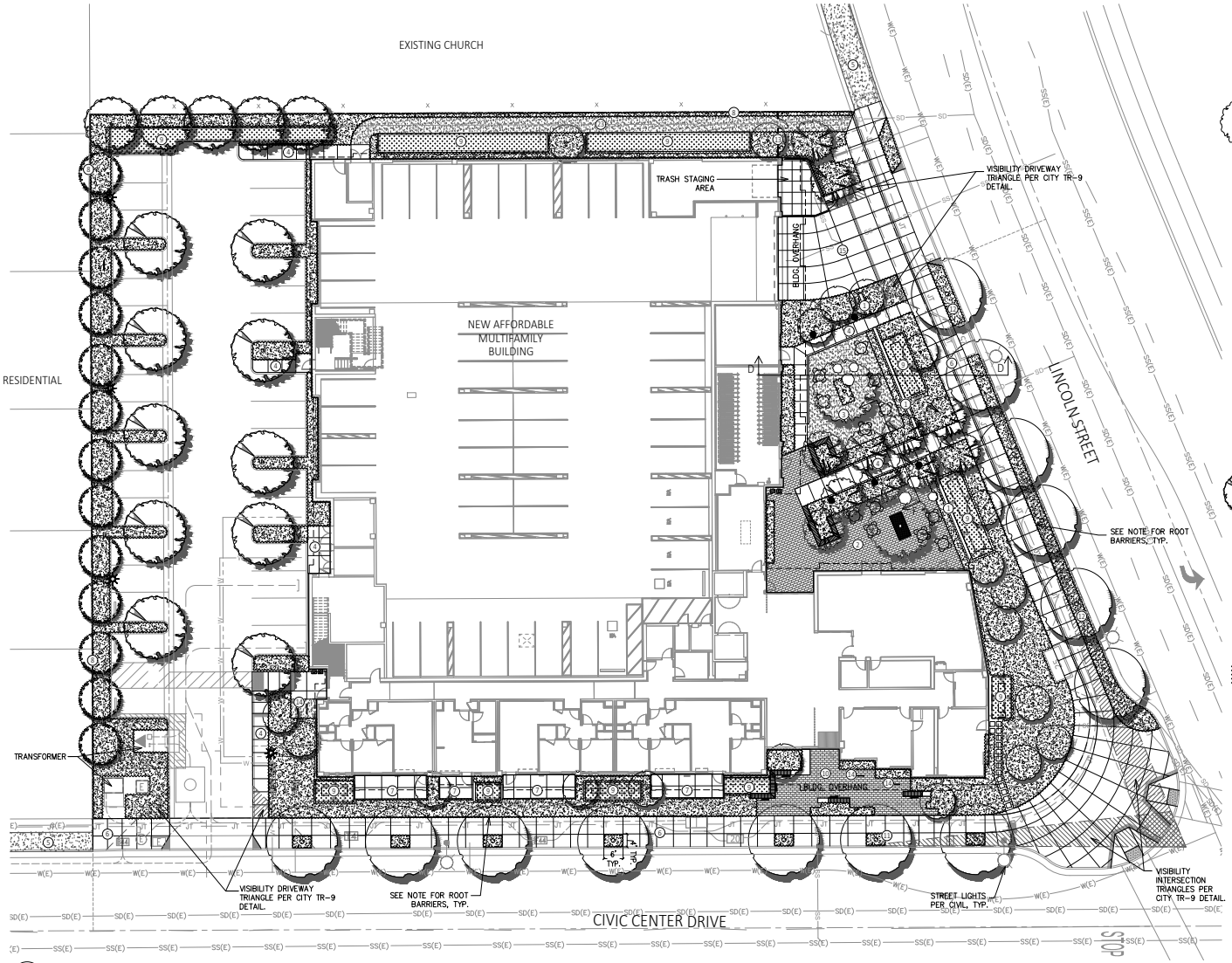
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ORIGINAL SHEET: ARCH D (24" x 36")

5/18/2022 9:42:55 AM

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A CONCEPTUAL LANDSCAPE PLAN - LEVEL 1
1/16"=1'-0"

NORTH

CANDIDATE PLANT LEGEND

SYMBOL	BOTANICAL NAME (COMMON NAME)	MIN. SIZE	WUCOLS	HEIGHT (FT)
PROJECT STREET TREES:				
	LINCOLN STREET:			
	OLEA EUROPAEA 'SWAN HILL' (FRUITLESS OLIVE)	36" BOX	V.LOW	30
	CIVIC CENTER DRIVE:			
	CERCIS CANADENSIS (EASTERN REDBUD)	36" BOX	MOD	30
ENTRY COURT TREE (SUCH AS):				
	ZELKOVA S. 'CITY SPRITE' (DWARF ZELKOVA)	24" BOX	MOD	25
	OLEA EUROPAEA 'SWAN HILL' (FRUITLESS OLIVE)	36" BOX	V. LOW	30
	CERCIS OCCIDENTALIS (WESTERN REDBUD)	24" BOX	V. LOW	15-20
	PYRUS C. 'CAPITAL' (CAPITAL FLOWERING PEAR)	24" BOX	MOD	25-35
LEVEL 2 COURTYARD TREES (SUCH AS):				
	OLEA EUROPAEA 'SWAN HILL' (FRUITLESS OLIVE)	36" BOX	V. LOW	30
	AGONIS F. 'AFTER DARK' (AFTER DARK PEPPERMINT TREE)	24" BOX	LOW	15-20
	CHITALPA TASHKENTESIS (CHITALPA)	24" BOX	MOD	20-30
	PITTOSPORUM TENUIFOLIUM (KOHUHU)	15-GAL	MOD	15-25
	ROBINIA P. 'PURPLE ROBE' (PURPLE ROBE LOCUST)	24" BOX	LOW	30-34
	PRUNUS CAROLINIANA (CAROLINA CHERRY)	24" BOX	LOW	15-20
SECONDARY ACCENT TREES (SUCH AS):				
	ACER PALMATUM 'RHODE ISLAND RED' (JAPANESE MAPLE)	15-GAL	MOD	6
	ARBUTUS 'MARINA' (MARINA MADRONE)	15-GAL	LOW	20-30
	LOPHOSTEMON CONFERTUS (BRISBANE BOX)	15-GAL	MOD	35-45
	ACACIA STENOPHYLLA (SHOE-STRING ACACIA)	15-GAL	LOW	20-40
	COTINUS COGGYGRIA (SMOKETREE)	15-GAL	LOW	12-15
PARKING AREA TREES (SUCH AS):				
	RHUS LANCEA (AFRICAN SUMAC)	24" BOX	LOW	20-30
	GEIJERA PARVIFLORA (AUSTRALIAN WILLOW)	24" BOX	MOD	20-35
	PITTOSPORUM TENUIFOLIUM (KOHUHU)	15-GAL	MOD	15-25
STORMWATER TREATMENT PLANTINGS (SUCH AS):				
	CAREX SPP. (SEDGE)	1 GAL	MOD	
	MUHLENBERGIA SPP. (MUHLY)	1 GAL	LOW	
	JUNCUS SPP. (RUSH)	1 GAL	LOW	
	CAREX SUBFUSCA (RUSTY SEDGE)	1 GAL	LOW	
SHRUBS/SUCCULENTS/GROUNDCOVERS/VINES (SUCH AS):				
	LEPTOSPERMUM S. CVS (DWF TEA TREE)	5 GAL	MOD	
	WESTRINGIA FRUTICOSA (COAST ROSEMARY)	5 GAL	LOW	
	RHAMNUS C. 'EVE CASE' (DWF COFFEEBERRY)	5 GAL	LOW	
	LOMANDRA LONGIFOLIA 'TANIKA' (TANIKA LOMANDRA)	5 GAL	LOW	
	GREVILLEA 'NOELLII' (NOEL'S GREVILLEA)	5 GAL	LOW	
	ACACIA 'COUSIN ITT' (DWF RIVER WATTLE)	5 GAL	LOW	
	ARCTOSTAPHYLOS SPP. (MANZANITA)	5 GAL	LOW	
	ASPARAGUS D. 'MYERS' (MYER'S FERN)	1 GAL	MOD	
	DIETES BICOLOR (FORTNIGHT LILY)	1 GAL	LOW	
	CHONDROPETALUM TECTORUM (CAPE RUSH)	1 GAL	LOW	
	POLYSTICHUM MUNITUM (WESTERN SWORD FERN)	1 GAL	MOD	
	MYOPORUM SPP. (CREEPING MYOPORUM)	1 GAL	LOW	
	LANTANA SELLOWIANA (TRAILING LANTANA)	1 GAL	LOW	
	ERIGERON KARVINSKIANUS (SANTA BARBARA DAISY)	1 GAL	LOW	
	ROSEMARINUS SPP. (ROSEMARY)	1 GAL	LOW	

UTILITY & TREE PROTECTION NOTES:

MIN 5' OF SEPARATION IS PROVIDED BETWEEN TREES AND UTILITIES. WHEN LOCATED WITHIN 5' A ROOT BARRIER WILL BE PROVIDED.
ROOT BARRIERS FOR SIDEWALK PROTECTION WILL BE 16' LONG OR EXTEND TO DRIP LINE OF THE MATURE TREE, AND WILL BE 1.5' DEEP, AND CENTERED ON TREES.

STREET TREES:

STREET TREES FRONTING THE PROJECT SITE ALONG THE PUBLIC R.O.W. WILL BE COORDINATED WITH STREET DEPARTMENT AND CITY ARBORIST FOR THE TYPE, LOCATION, INSTALLATION AND MAINTENANCE.

CONCEPTUAL SITE LIGHTING KEY

- 12' POLE LIGHT
- BOLLARD LIGHT
- RECESSED STEP LIGHT

LANDSCAPE ELEMENTS KEY

1. LOW DECORATIVE GARDEN WALL (36" MAX).
2. ACTIVE FORECOURT WITH ENHANCED PAVING, SEATING, LANDSCAPE BOULDERS & TREE GRATE.
3. PASSIVE FORECOURT WITH TREE GRATE, SEATING, LANDSCAPE BOULDERS & SOFTER PAVING MATERIALS (D.G. /DECORATIVE PEA-GRAVEL PAVING).
4. CONCRETE WALKWAY.
5. EXISTING PUBLIC SIDEWALK TO REMAIN.
6. NEW PUBLIC SIDEWALK.
7. PRIVATE RESIDENT PATIOS.
8. EXISTING FENCE TO REMAIN.
9. STORMWATER TREATMENT BASIN: SEE CIVIL PLANS FOR ADDITIONAL INFORMATION.
10. PRIMARY ENTRY COURT WITH ENHANCED PAVING AND CONCRETE SEATWALLS WITH WOOD SLATS.
11. TREE WELLS IN SIDEWALK @ CIVIC CENTER DRIVE.
12. CONTIGUOUS LANDSCAPED PARKWAY @ LINCOLN STREET.
13. NEW 6-FT PERFORATED METAL PANEL FENCE (WITH MAINTENANCE ACCESS) TO MATCH TRASH ENCLOSURE AND OTHER BUILDING GUARDRAILS. SEE ARCH. DRAWINGS FOR MORE INFO.
14. SHORT-TERM BIKE PARKING (QTY: 8 BIKES).
15. DRIVEWAY.
16. STEPPED CONCRETE PERIMETER.
17. RAISED RECREATIONAL AREA WITH SYNTHETIC TURF.
18. RAISED PLANTERS.
19. LANDSCAPE BOULDERS OR SMOOTH CONCRETE FAUX BOULDERS.
20. DINING COURT WITH BBQ COUNTER.
21. RECREATION AREA WITH OUTDOOR PING PONG TABLE & SEATING.
22. BREAK-OUT SPACE WITH SEATING.
23. D.G. PATHWAY (EMERGENCY ACCESS).

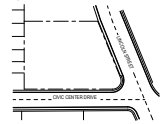
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2585 UNIVERSITY AVE.
SAN DIEGO, CA 92104
T: 619.280.4423
LANDSCAPE ARCHITECTURE

PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR

VICINITY MAP



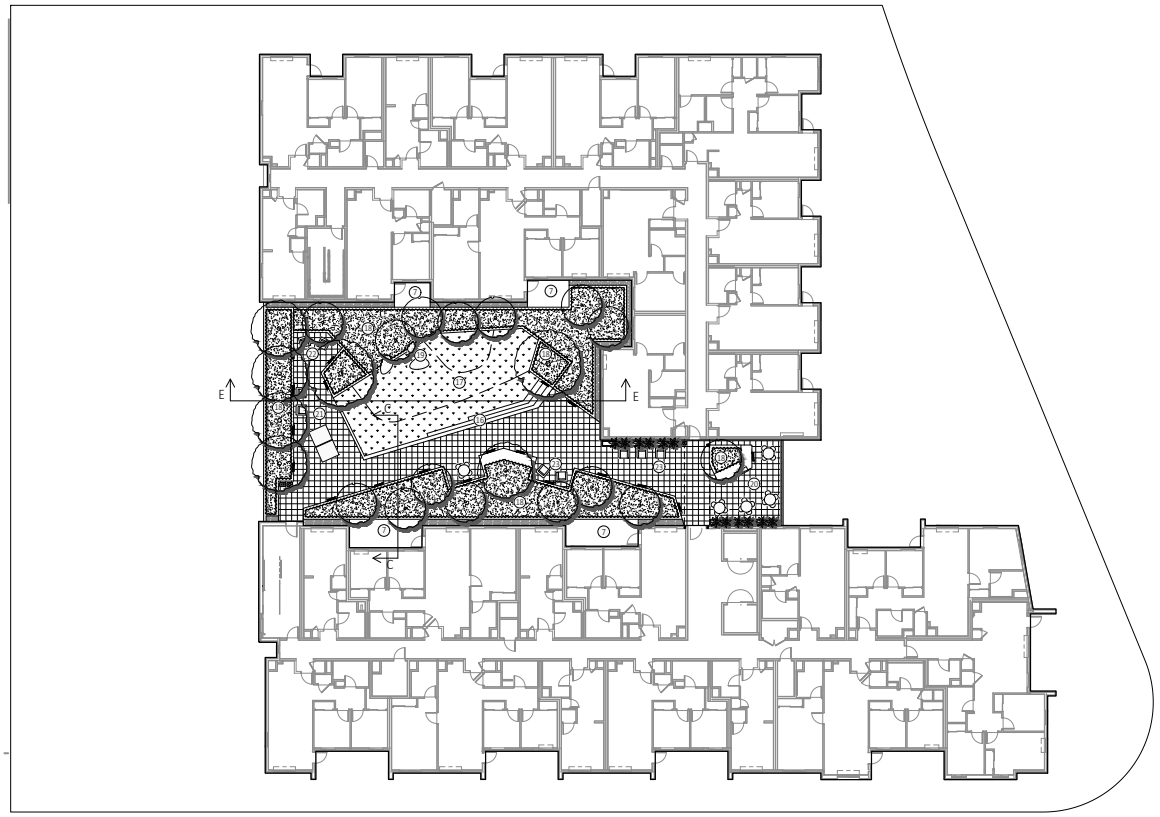
DATE	ISSUE
12.08.2020	PLANNING SUBMITTAL
08.23.2021	GPA APPLICATION SET
04.08.2022	GPA RESUBMISSION 1
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
04.08.2022		GPA RESUBMISSION 1

DESIGN PARTNER
PROJECT MANAGER
PROJECT ARCHITECT
PROJECT DESIGNER
PROJECT TEAM MEMBERS
CHECK

TITLE
CONCEPTUAL LANDSCAPE PLAN - LEVEL 1

PROJECT NO.
1927400
DATE
05/25/2022
SHEET NUMBER
L1.0
GPA RESUBMISSION 2



A CONCEPTUAL LANDSCAPE PLAN - LEVEL 2
1/16"=1'-0"

NORTH

LANDSCAPE WATER EFFICIENCY CHECKLIST

IRRIGATION FIGURES

TOTAL AREA: 13829 SF
STORMWATER AREA: 1689 SF
ALL OTHER LANDSCAPE AREAS: 12140 SF

MAWA

(49.4)(0.62)(0.58 x 13829 SF)= 245,662 GAL/YR

ETWU

(49.4)(0.62)(0.3 x 12140 SF)/0.9= 123,941 GAL/YR
(49.4)(0.62)(0.5 x 1689 SF)/0.9=28,739 GAL/YR

TOTAL=152,680 GAL/YR

IRRIGATION DESIGN STATEMENT

THE IRRIGATION SYSTEM WILL BE DESIGNED TO REDUCE THE OVERALL WATER REQUIRED FOR SUPPLEMENTAL IRRIGATION. ALONG WITH THE RESPONSIBLE SELECTION OF PLANT MATERIALS, CURRENT IRRIGATION TECHNOLOGIES WILL BE UTILIZED IN ORDER TO COMPLY BOTH WITH THE STATE AND CITY WATER CONSERVATION ORDINANCES. THESE INCLUDE ET-BASED "SMART" CONTROLLERS, FLOW AND RAIN SENSORS, AND LOW-VOLUME SUB-SURFACE DRIP IRRIGATION AND DEEP-ROOT TREE BUBBLERS.

IRRIGATION EQUIPMENT STANDARDS

- PRESSURIZED MAINLINE PIPING WILL BE CL. 315 PVC. & BURIED MINIMUM 18".
- NON-PRESSURIZED LATERALS WILL BE SCH. 40 PVC OR CL. 315 PVC & BURIED MINIMUM 12".
- AN 'RP'-TYPE BACKFLOW PREVENTER WILL BE INSTALLED NEAR THE PROJECT POINT-OF-CONNECTION.
- SUBSURFACE IN-LINE DRIP IRRIGATION SHALL BE TORO DL2000, NETAFIM, OR APPROVED EQUIVALENT.
- NO OVERHEAD OR SPRAY IRRIGATION WILL BE UTILIZED.

TURF AREA

- NO IRRIGATED LAWN AREAS ARE PLANNED FOR THIS PROJECT.

IRRIGATION DESIGN FOR RECYCLED WATER:

ALL ONSITE IRRIGATION WILL BE DESIGNED FOR RECYCLED WATER USE AND WILL COMPLY WITH ALL RECYCLED WATER REGULATIONS BY CITY OF SANTA CLARA, SBWR AND DEPARTMENT OF DRINKING WATER.

SEE L1.0 FOR PLANT LEGEND

CONCEPTUAL SITE LIGHTING KEY

- 12' POLE LIGHT
- BOLLARD LIGHT
- RECESSED STEP LIGHT

LANDSCAPE ELEMENTS KEY

1. LOW DECORATIVE GARDEN WALL (36" MAX).
2. ACTIVE FORECOURT WITH ENHANCED PAVING, SEATING, LANDSCAPE BOULDERS & TREE GRATE.
3. PASSIVE FORECOURT WITH TREE GRATE, SEATING, LANDSCAPE BOULDERS & SOFTER PAVING MATERIALS (D.G. /DECORATIVE PEA-GRAVEL PAVING).
4. CONCRETE WALKWAY.
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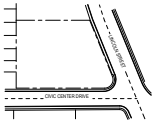
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T: 619.260.4423
f/w LANDSCAPE ARCHITECTURE

PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR

VICINITY MAP



DATE	ISSUE
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08.23.2021	GPA APPLICATION SET
04.08.2022	GPA RESUBMISSION 1
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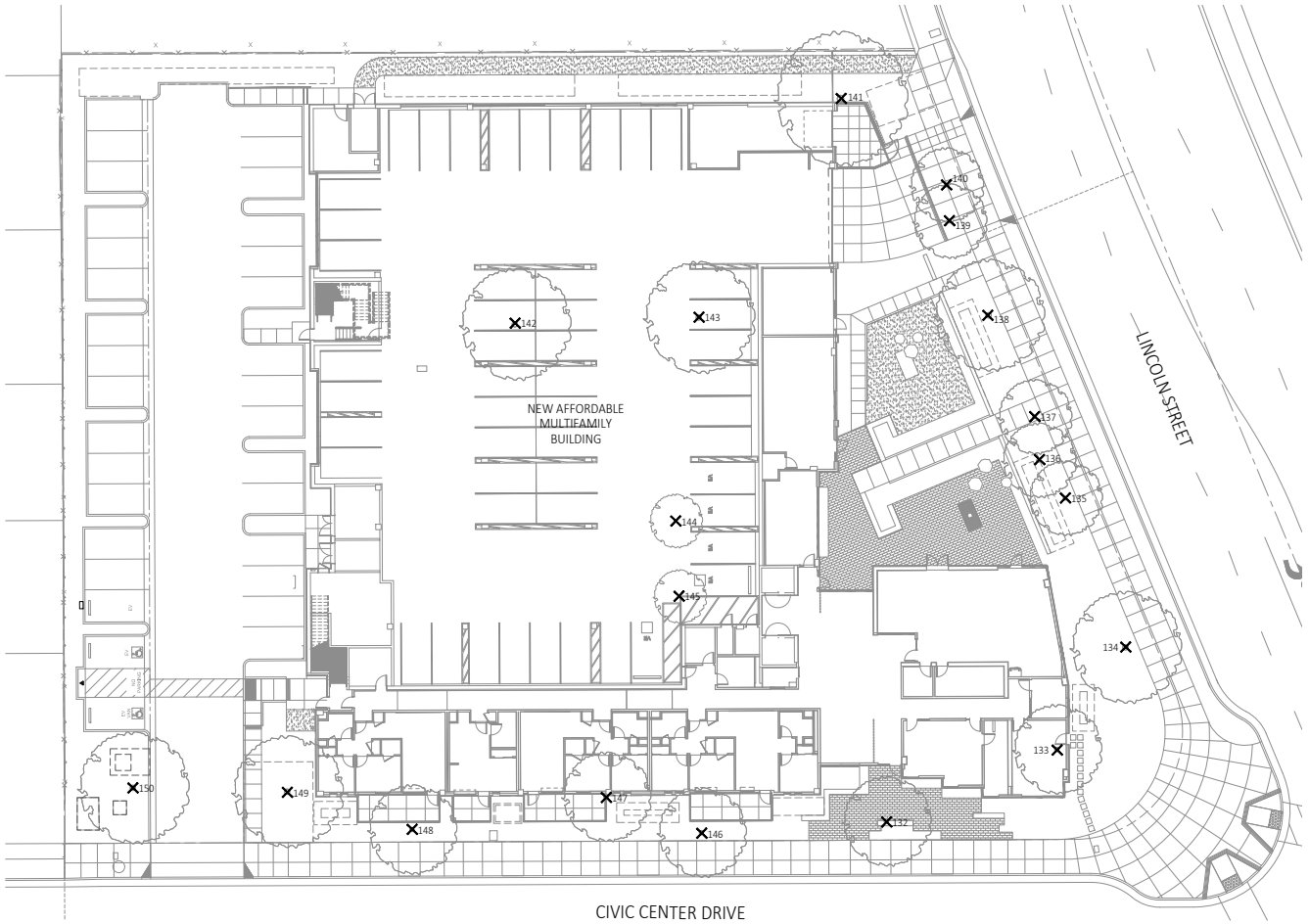
NO.	DATE	REVISION
	04.08.2022	GPA RESUBMISSION 1

DESIGN PARTNER
PROJECT MANAGER
PROJECT ARCHITECT
PROJECT DESIGNER
PROJECT TEAM MEMBERS
CHECK

TITLE
CONCEPTUAL LANDSCAPE PLAN - LEVEL 2

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
L2.0
GPA RESUBMISSION 2



A EXISTING TREE PLAN
1/16"=1'-0"

NORTH

EXISTING TREE KEY

=PROTECT IN PLACE

=TO BE REMOVED

EXISTING TREE LEGEND

#	TREE TYPE	DIA.(IN)	PROTECTED?	CONDITION 1-POOR 5-EXCELLENT	ACTION
132	OLIVE	15	YES	2	REMOVE
133	OLIVE	11, 7, 7	NO	2	REMOVE
134	OLIVE	16, 9	YES	3	REMOVE
135	SWEETGUM	8	NO	2	REMOVE
136	SWEETGUM	8	NO	2	REMOVE
137	SWEETGUM	8	NO	2	REMOVE
138	OLIVE	16, 9, 5	YES	3	REMOVE
139	SWEETGUM	7	NO	2	REMOVE
140	SWEETGUM	8	NO	3	REMOVE
141	OLIVE	16, 15	YES	3	REMOVE
142	PURPLE LEAF PLUM	11, 7, 7, 4	NO	3	REMOVE
143	OLIVE	13, 10	YES	3	REMOVE
144	AFRICAN FERNPINE	4, 3, 3, 2	NO	3	REMOVE
145	AFRICAN FERNPINE	5, 4	NO	3	REMOVE
146	OLIVE	16	YES	3	REMOVE
147	OLIVE	16, 15	YES	3	REMOVE
148	OLIVE	10, 10, 9	NO	3	REMOVE
149	OLIVE	17, 14	YES	3	REMOVE
150	OLIVE	12, 10, 10, 9	YES	3	REMOVE

EXISTING TREE NOTES

1. INFORMATION CONTAINED HERE IS TAKEN FROM ARBORIST'S REPORT PREPARED BY HORT SCIENCE/BARTLETT CONSULTING (325 RAY ST., PLEASANTON, CA 94566) DATED 03-06-2020.
2. TREE NUMBERING CONVENTION USED SO AS TO ALIGN WITH NUMBERING USED IN ARBORIST'S REPORT.
3. WHERE TREES HAD MORE THAN TRUNK, THE DIAMETERS OF INDIVIDUAL TRUNKS WERE ADDED TOGETHER TO ESTABLISH THE DIAMETER CLASS FOR MITIGATION PURPOSES.
4. TREES IN LEGEND MARKED WITH ASTERISK (*): NOT INCLUDED IN PRELIMINARY ARBORIST'S REPORT.

SUMMARY:

TOTAL TREES REMOVED:	19
MIN 24" BOX TREES PROVIDED*:	38

*TREES PERMITTED BY THE CITY FOR REMOVAL WILL BE REPLACED AT A MINIMUM 2:1 RATIO WITH 24-INCH BOX SPECIMEN TREES.

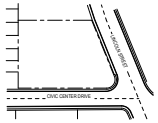
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SAN DIEGO, CA 92104
T: 619.260.4623
f/w LANDSCAPE ARCHITECTURE

PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR

VICINITY MAP



DATE	ISSUE
12.08.2020	PLANNING SUBMITTAL
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DESIGN PARTNER

PROJECT MANAGER

PROJECT ARCHITECT

PROJECT DESIGNER

PROJECT TEAM MEMBERS

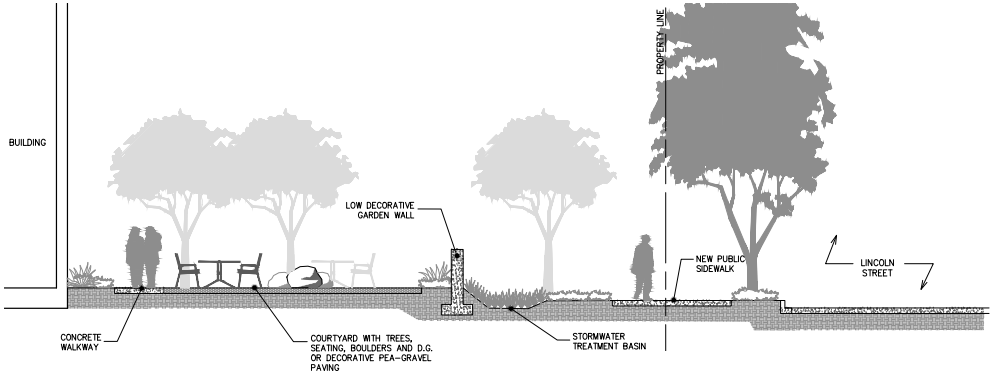
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EXISTING TREE PLAN

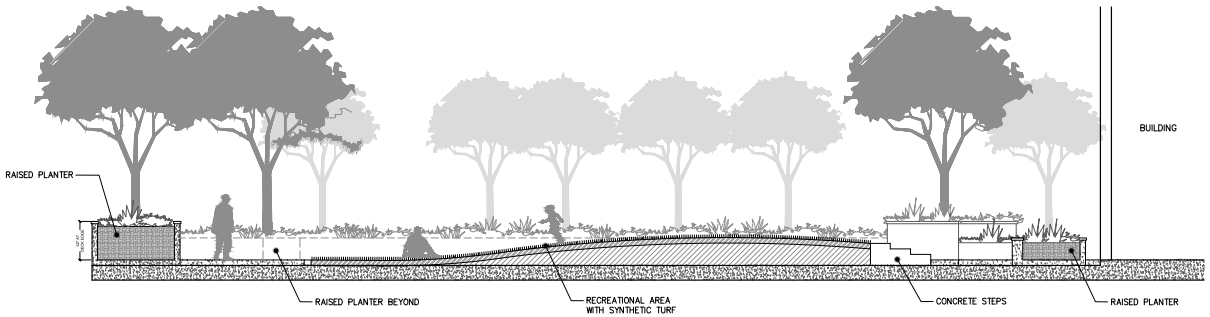
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DATE
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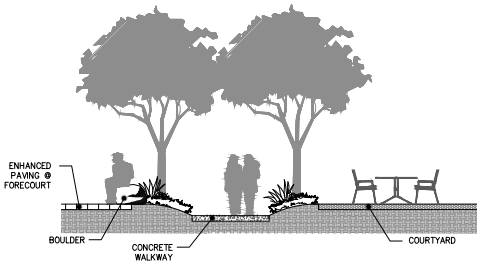
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L3.0
GPA RESUBMISSION 2



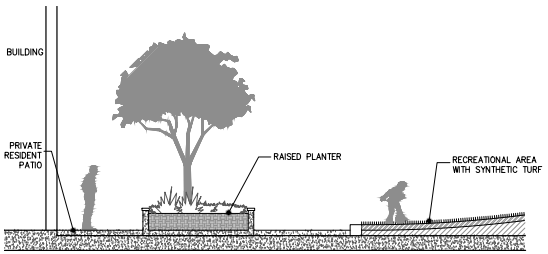
D CROSS-SECTION THROUGH LEVEL 1 COURTYARD
3/16"=1'-0"



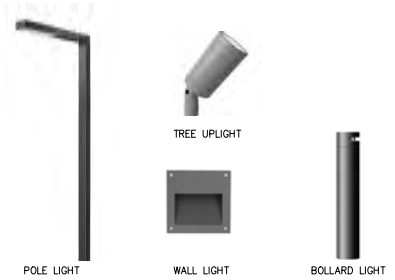
E CROSS-SECTION THROUGH LEVEL 2 COURTYARD
3/16"=1'-0"



F CROSS-SECTION @ FORECOURT & COURTYARD
3/16"=1'-0"

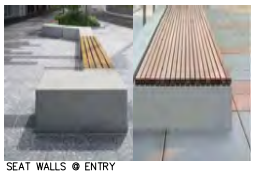


C CROSS-SECTION THROUGH LEVEL 2 COURTYARD
3/16"=1'-0"



A CONCEPTUAL LIGHTING IMAGERY


LINEAR STORMWATER TREATMENT @ CIVIC CENTER DRIVE FRONTAGE

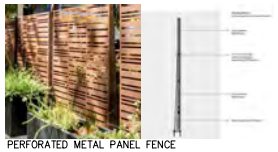

SEAT WALLS @ ENTRY


LOW DECORATIVE GARDEN WALL SURROUNDED BY PLANTING; IMPLIED BARRIER BUT NOT RESTRICTIVE


DECORATIVE LINEAR UNIT PAVERS


PASSIVE FORECOURT AREA: CASUAL, QUIET, SOFT PAVING MATERIALS


REAL OR FAUX BOULDERS @ LEVEL 2


PERFORATED METAL PANEL FENCE


RAISED RECREATIONAL TURF AREA @ LEVEL 2


BIKE RACK

B LANDSCAPE ELEMENT IMAGERY

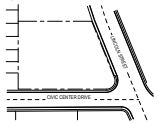
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f/w
LANDSCAPE ARCHITECTURE

PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR

VICINITY MAP



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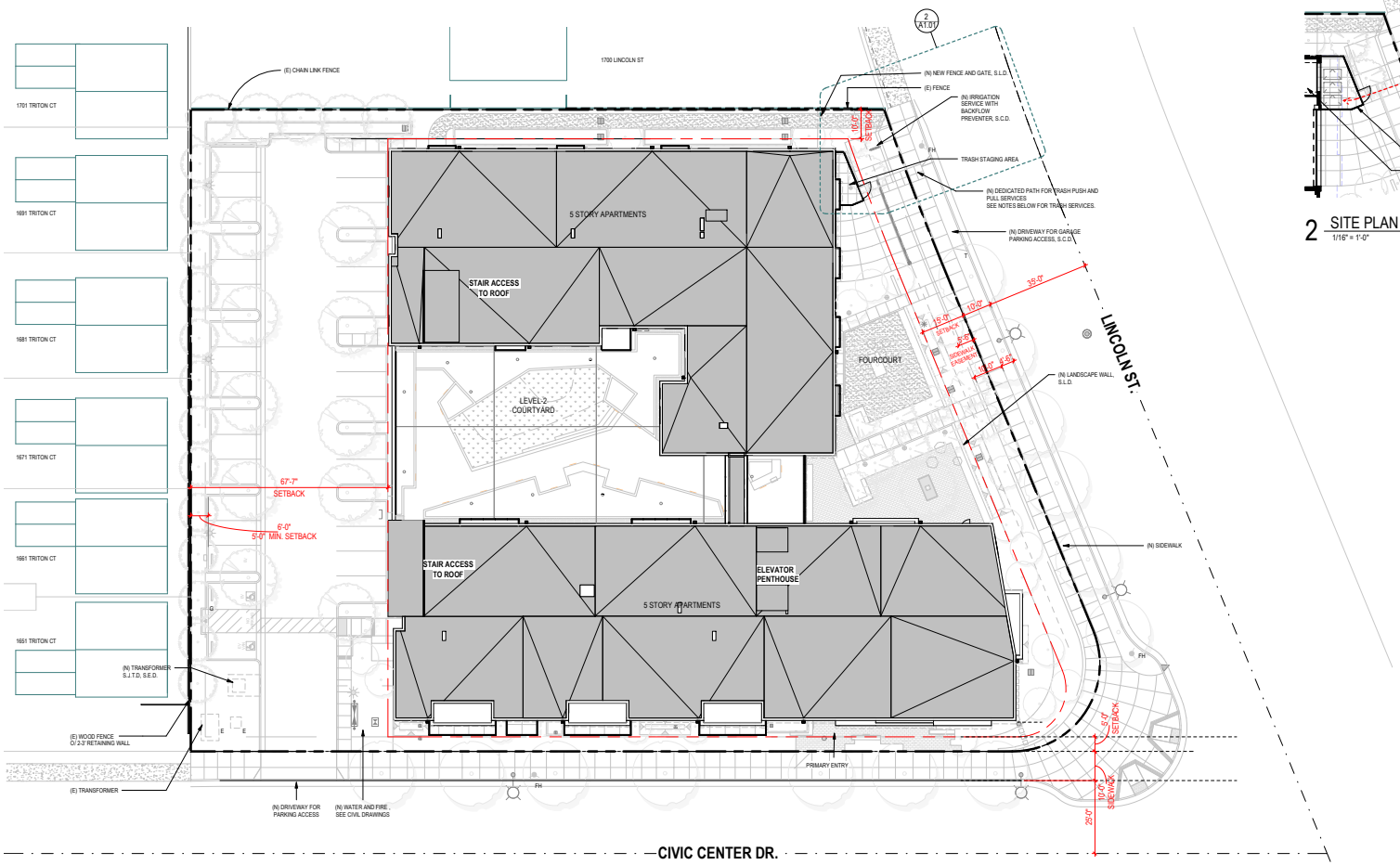
NO.	DATE	REVISION
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DESIGN PARTNER
PROJECT MANAGER
PROJECT ARCHITECT
PROJECT DESIGNER
PROJECT TEAM MEMBERS
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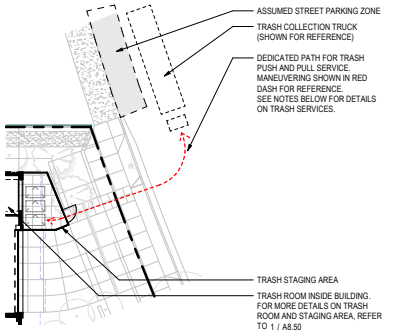
TITLE
SUPPLEMENTAL LANDSCAPE EXHIBITS

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
L4.0
GPA RESUBMISSION 2



1 SITE PLAN
1/16" = 1'-0"



2 SITE PLAN -TRASH COLLECTION
1/16" = 1'-0"

NOTES:

1. FOR TRASH PICK UP, PLEASE NOTE THE FOLLOWING:
   A. A DEDICATED PATH ADJACENT TO THE GARAGE DRIVEWAY IS PROVIDED FOR PUSH AND PULL SERVICES.
   B. COLLECTION TRUCK WILL PARK ON THE STREET, AND WORKER WILL ACCESS THE STAGING AREA VIA THE DEDICATED PATH, WILL ROLL THE BINS OUT TO THE STREET TO BE SERVICED BY THE TRUCK, THEN RETURN TO THE STAGING AREA. BINS WILL NOT REMAIN ON THE STREET.
   C. COLLECTION FOR RECYCLING AND GARBAGE WILL OCCUR ON SEPARATE DAYS.
   D. BINS WILL BE MAXIMUM 3 CUBIC YARD.

LEGEND

- PROPERTY LINE
- SETBACK LINE
- FIRE HYDRANT
- STREET LIGHT
- PROPOSED TREE, SEE LANDSCAPE DRAWINGS

PROJECT NORTH

MITHUN

SEATTLE / Pier 56, 1201 Alaskan Way, #200
Seattle, WA 98101 / 206.623.3344

SAN FRANCISCO / 660 Market Street, #300
San Francisco, CA 94104 / 415.956.0888

LOS ANGELES / 5857 Adams Blvd
Culver City, CA 90232 / 323.937.2150

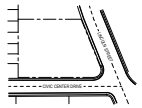
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



DATE	ISSUE
12.02.2020	PLANNING SUBMITTAL
02.5.2021	100% SCHEMATIC DESIGN
8.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
04.08.2022	GPA RESUBMISSION 1
05.06.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
1	04.08.2022	GPA RESUBMISSION 1

DESIGN PARTNER
AT
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT MANAGER
AP
PROJECT TEAM MEMBERS
CHECK

TITLE
ARCHITECTURAL SITE PLAN

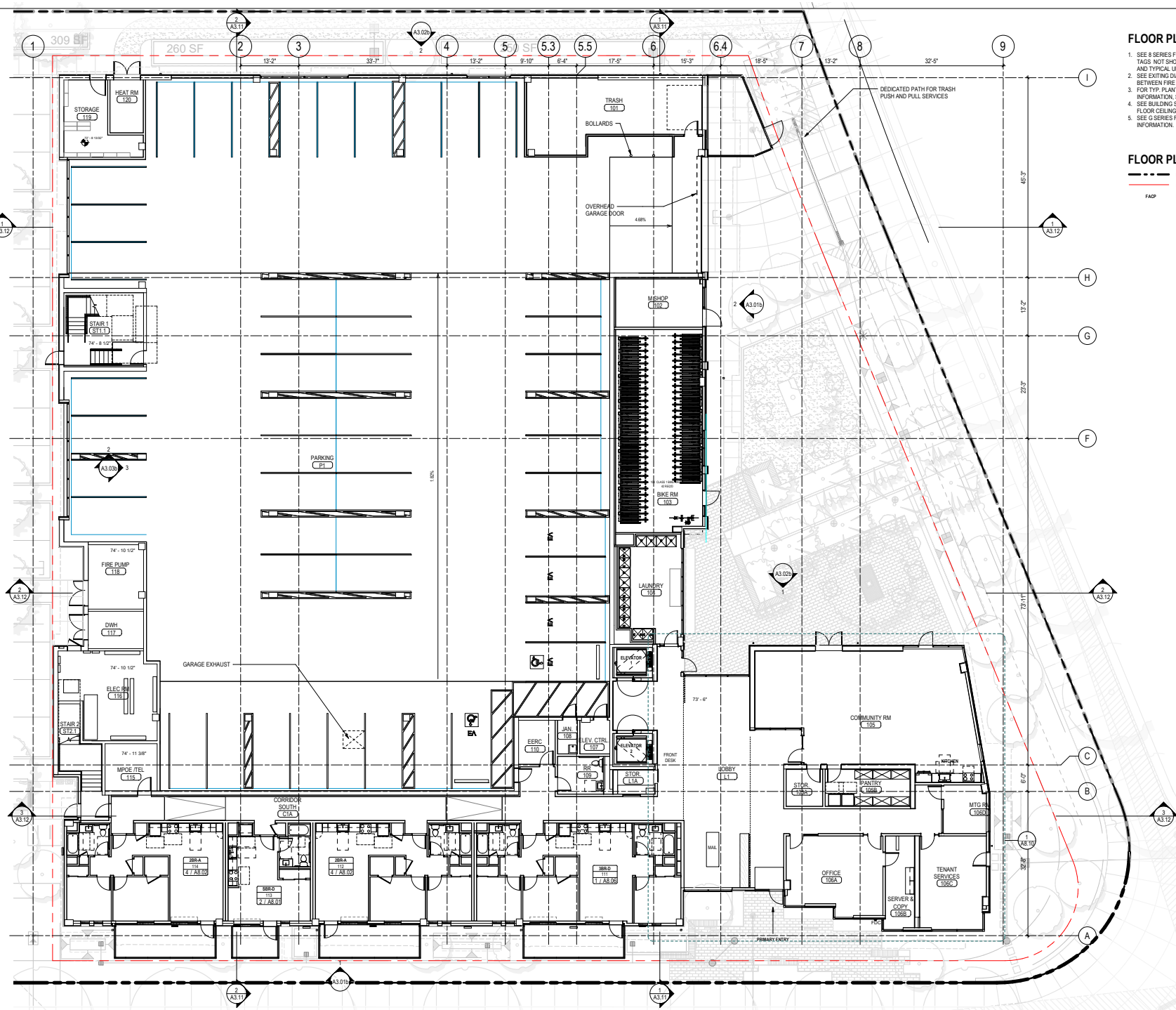
PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
A1.01
GPA RESUBMISSION 2

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ORIGINAL SHEET SIZE: 30" x 42"

5/25/2022 2:10:50 PM
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1 LEVEL 1 FLOOR PLAN - GROUND
1/8" = 1'-0"

FLOOR PLAN NOTES

1. SEE 8 SERIES FOR ENLARGED PLANS WITH INTERIOR WALL TAGS NOT SHOWN IN OVERALLPLAN, INTERIOR ELEVATIONS AND TYPICAL UNIT TYPES.
2. SEE EXITING DIAGRAMS FOR DISTANCE REQUIREMENTS BETWEEN FIRE EXTINGUISHER CABINETS.
3. FOR TYP. PLANTERS AND BIORETENTION PLANTERS INFORMATION, S.L.D. AND S.C.D.
4. SEE BUILDING SECTIONS AND WALL SECTIONS FOR TYPICAL FLOOR CEILING TAGS.
5. SEE G SERIES FOR RATING DIAGRAMS FOR FIRE RATED WALL INFORMATION.

FLOOR PLAN LEGEND

PROPERTY LINE
SETBACK LINE
FACP FIRE ACCESS CONTROL PANEL

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CHARITIES HOUSING

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NO.	DATE	REVISION
1	04.08.2022	GPA RESUBMISSION 1

DESIGN PARTNER
AT
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT DESIGNER
AP
PROJECT TEAM MEMBERS
CHECK

PROJECT START STAMP

TITLE
LEVEL-1

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
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GPA RESUBMISSION 2

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ORIGINAL SHEET SIZE: 30" x 42"



1 LEVEL 2 FLOOR PLAN - PODIUM
1/8" = 1'-0"

FLOOR PLAN NOTES

1. SEE 8 SERIES FOR ENLARGED PLANS WITH INTERIOR WALL TAGS NOT SHOWN IN OVERALLPLAN, INTERIOR ELEVATIONS AND TYPICAL UNIT TYPES.
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3. FOR TYP. PLANTERS AND BIORETENTION PLANTERS INFORMATION, S.L.D. AND S.C.D.
4. SEE BUILDING SECTIONS AND WALL SECTIONS FOR TYPICAL FLOOR CEILING TAGS.
5. SEE G SERIES FOR RATING DIAGRAMS FOR FIRE RATED WALL INFORMATION.

FLOOR PLAN LEGEND

PROPERTY LINE
SETBACK LINE
FACP FIRE ACCESS CONTROL PANEL

PROJECT NORTH

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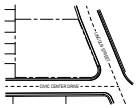
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



NO.	DATE	REVISION
1	04.08.2022	GPA RESUBMISSION 1

DESIGN PARTNER
AT
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT DESIGNER
AP
PROJECT TEAM MEMBERS
CHECK

TITLE
LEVEL-2 PODIUM

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
A2.02
GPA RESUBMISSION 2

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1 LEVEL 3-4 FLOOR PLAN
1/8" = 1'-0"

PROJECT NORTH

FLOOR PLAN NOTES

1. SEE 8 SERIES FOR ENLARGED PLANS WITH INTERIOR WALL TAGS NOT SHOWN IN OVERALLPLAN, INTERIOR ELEVATIONS AND TYPICAL UNIT TYPES.
2. SEE EXITING DIAGRAMS FOR DISTANCE REQUIREMENTS BETWEEN FIRE EXTINGUISHER CABINETS.
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FLOOR PLAN LEGEND

PROPERTY LINE
SETBACK LINE
FACP FIRE ACCESS CONTROL PANEL

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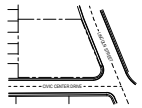
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



DATE	ISSUE
12.02.2020	PLANNING SUBMITTAL
02.5.2021	100% SCHEMATIC DESIGN
8.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
04.08.2022	GPA RESUBMISSION 1
05.06.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
1	04.08.2022	GPA RESUBMISSION 1

DESIGN PARTNER
AT
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT DESIGNER
AP
PROJECT TEAM MEMBERS
CHECK

PROJECT START (FY/QTR)

TITLE
LEVEL-3-4

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
A2.03
GPA RESUBMISSION 2

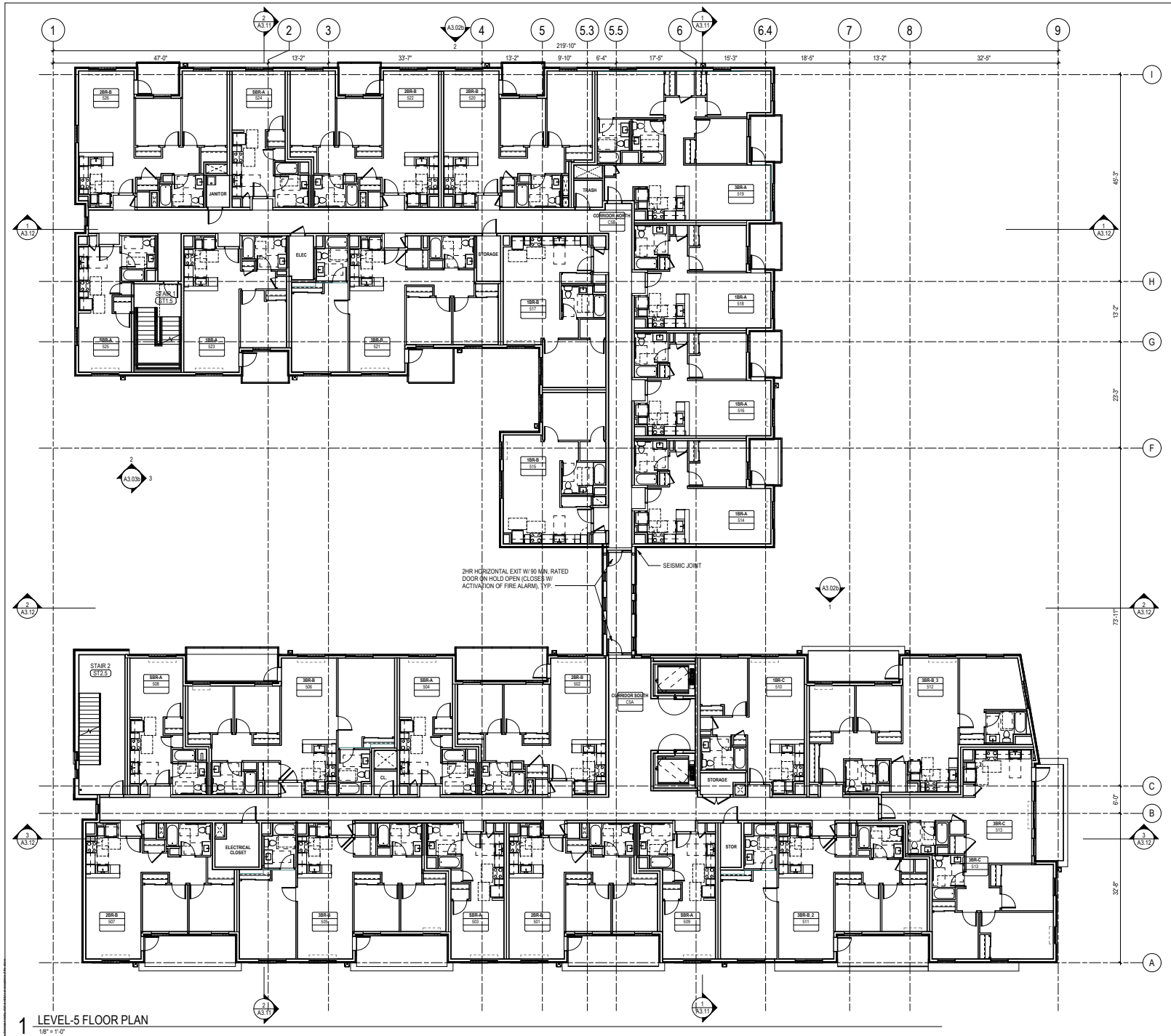
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1 LEVEL-5 FLOOR PLAN
1/8" = 1'-0"

FLOOR PLAN NOTES

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5. SEE G SERIES FOR RATING DIAGRAMS FOR FIRE RATED WALL INFORMATION.

FLOOR PLAN LEGEND

PROPERTY LINE
SETBACK LINE
FACP FIRE ACCESS CONTROL PANEL

PROJECT NORTH

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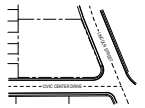
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



DATE	ISSUE
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02.5.2021	100% SCHEMATIC DESIGN
8.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
04.08.2022	GPA RESUBMISSION 1
05.06.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
1	04.08.2022	GPA RESUBMISSION 1

DESIGN PARTNER
AT
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT DESIGNER
AP
PROJECT TEAM MEMBERS
CHECK

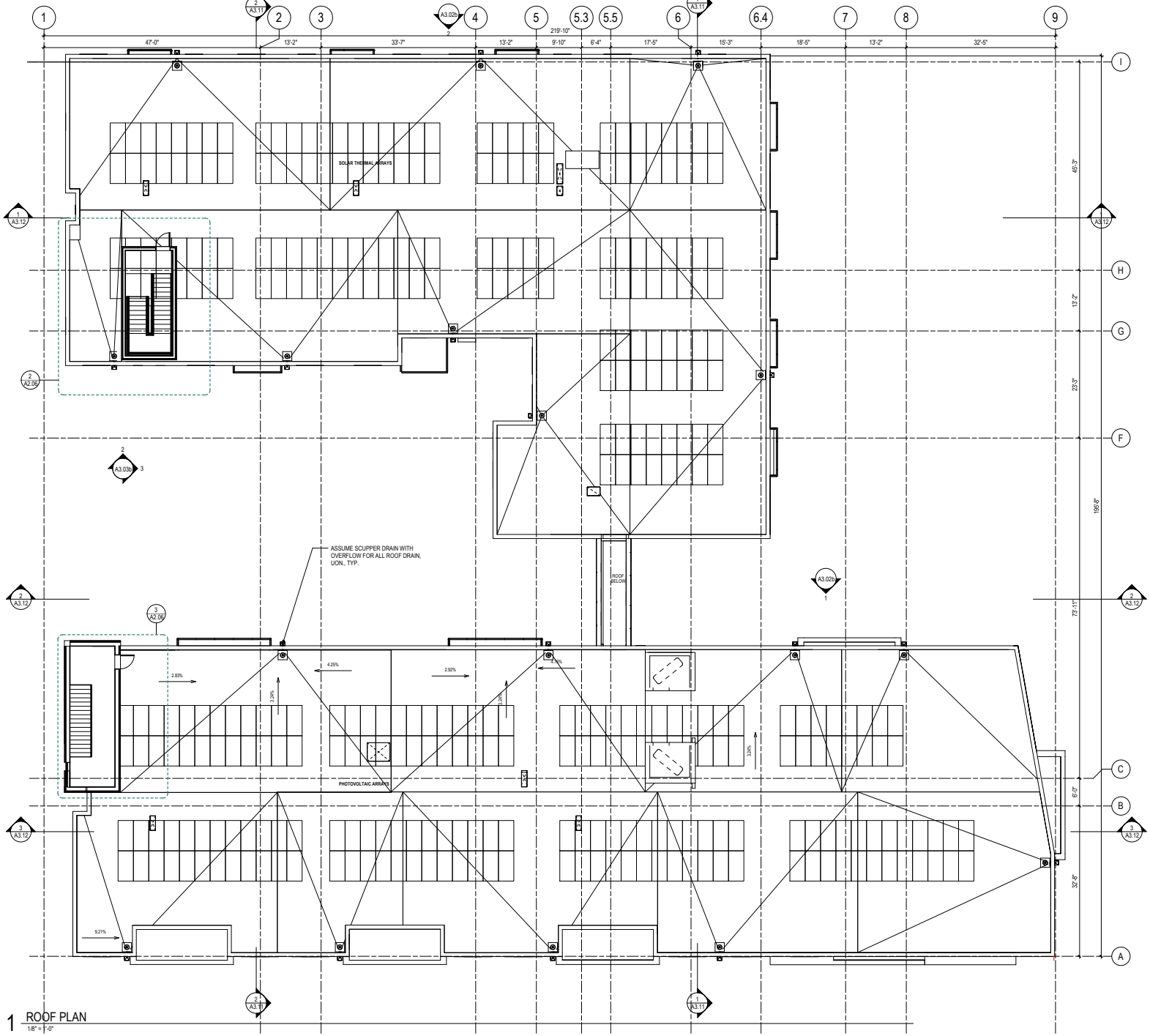
PROJECT STAMP (IF USED)

TITLE
LEVEL-5

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
A2.05
GPA RESUBMISSION 2

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1 ROOF PLAN
1/8" = 1'-0"

FLOOR PLAN NOTES

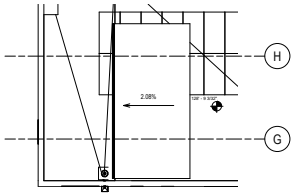
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FLOOR PLAN LEGEND

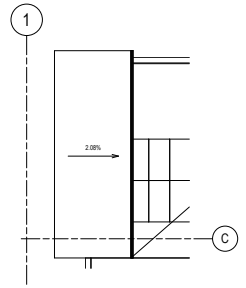
PROPERTY LINE

SETBACK LINE

FACP FIRE ACCESS CONTROL PANEL



2 ROOF PLAN - PENTHOUSE N
1/8" = 1'-0"



3 ROOF PLAN -PENTHOUSE S
1/8" = 1'-0"

PROJECT NORTH

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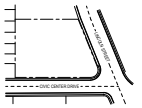
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



DATE	ISSUE
12.02.2020	PLANNING SUBMITTAL
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8.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
04.08.2022	GPA RESUBMISSION 1
05.06.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
1	04.08.2022	GPA RESUBMISSION 1

DESIGN PARTNER
AT
PROJECT MANAGER
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PROJECT ARCHITECT
SA / AK
PROJECT MANAGER
AP
PROJECT TEAM MEMBERS

CHECK

PROJECT START STAMP

SHEET
ROOF PLAN

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
A2.06
GPA RESUBMISSION 2

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1 SOUTH ELEVATION - CIVIC CENTER DR
1/8" = 1'-0"

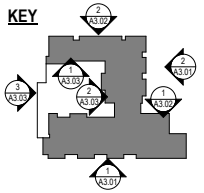


2 EAST ELEVATION - LINCOLN ST.
1/8" = 1'-0"

MATERIAL LEGEND

- 1A STUCCO - WHITE
- 1B STUCCO - BLUE
- 1C STUCCO - LIGHT GREY
- 2 FIBER CEMENT PLANK - DARK GREY
- 3 THERMALLY MODIFIED WOOD SIDING; ALT. FIBER CEMENT PLANK
- 4 NOT USED
- 5 BRAKE METAL PANEL -DARK BRONZE
- 6A DARK BRONZE ALUM. WINDOW W/ SUNSHADE WHERE NOTED
- 6B DARK BRONZE ANODIZED ALUM. STOREFRONT
- 7 METAL ROLL UP DOOR
- 8 PERFORATED METAL PANEL; FENCE / GUARDRAIL
- 9 (NOT USED)
- 10 LOUVERS -PAINTED TO MATCH WINDOW

KEY



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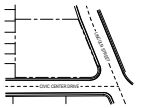
mithun.com

PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



DATE	ISSUE
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05.09.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION

DESIGN PARTNER
AT
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT MANAGER
AP
PROJECT TEAM MEMBERS
CHECK

PROJECT STAMP (IF NEEDED)

TITLE
BUILDING ELEVATIONS

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
A3.01b
GPA RESUBMISSION 2

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1 NORTH ELEVATION - AT FORECOURT/COURTYARD
1/8" = 1'-0"

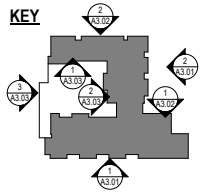


2 NORTH ELEVATION
1/8" = 1'-0"

MATERIAL LEGEND

1A STUCCO - WHITE
1B STUCCO - BLUE
1C STUCCO - LIGHT GREY
2 CEMENT BOARD - DARK GREY
3 THERMALLY MODIFIED WOOD SIDING; ALT. CEMENTITIOUS PANEL
4 NOT USED
5 BRAKE METAL PANEL -DARK BRONZE
6A DARK BRONZE ALUM. WINDOW W/ SUNSHADE WHERE NOTED
6B DARK BRONZE ANODIZED ALUM. STOREFRONT
7 METAL ROLL UP DOOR
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10 LOUVERS -PAINTED TO MATCH WINDOW

KEY



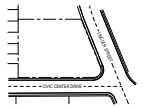
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
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PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



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NO.	DATE	REVISION

DESIGN PARTNER
AT
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT MANAGER
AP
PROJECT TEAM MEMBERS
CHECK

PROJECT STAMP (IF REQ'D)

TITLE
BUILDING ELEVATIONS

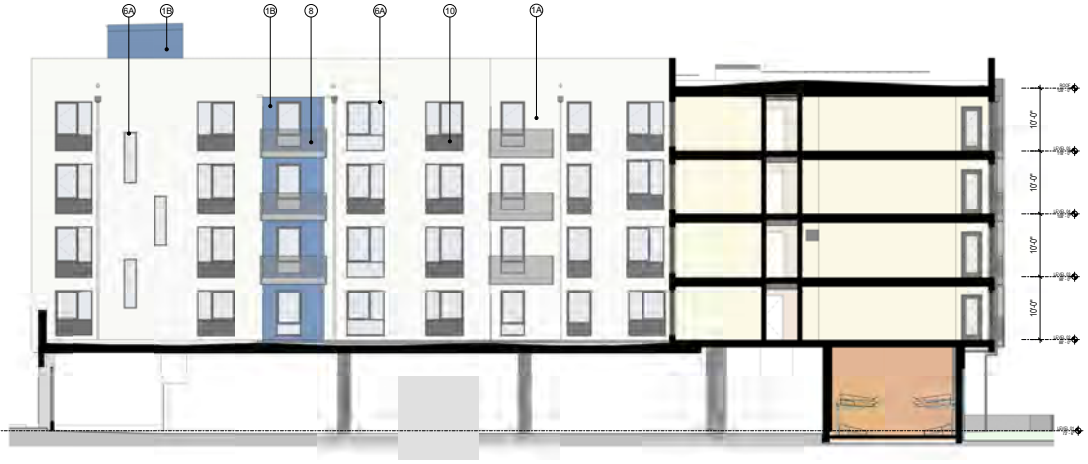
PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
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GPA RESUBMISSION 2

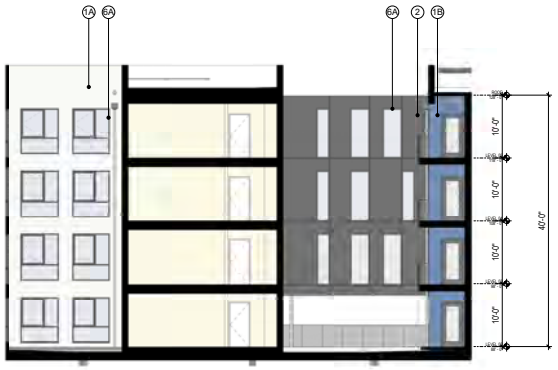
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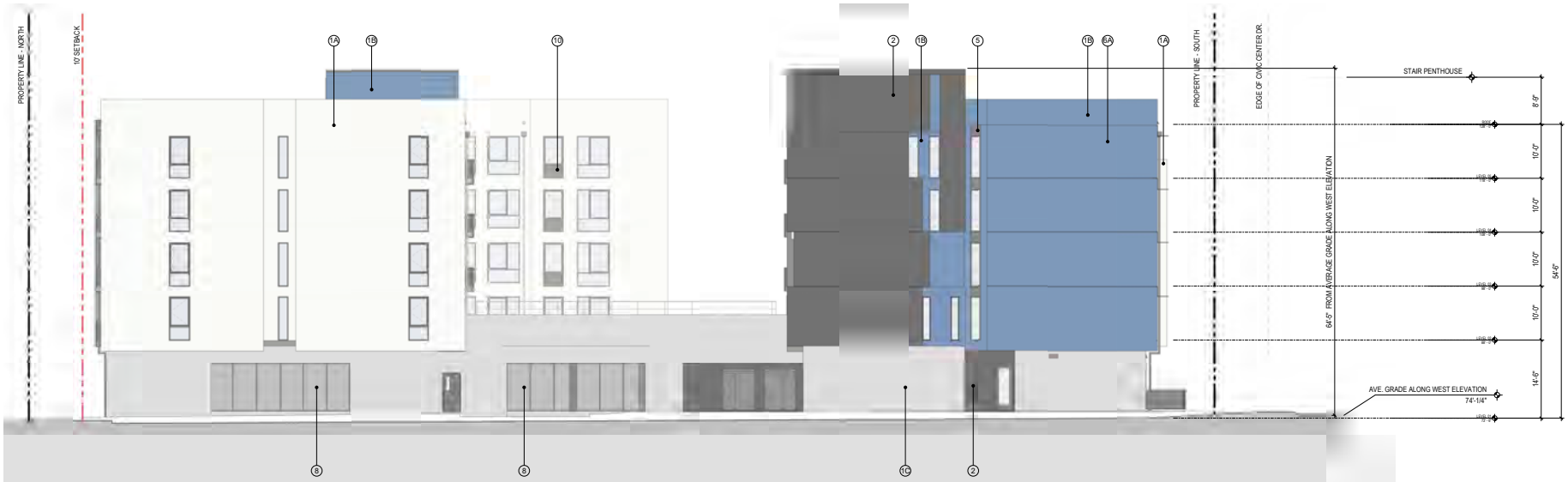
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2 COURTYARD SOUTH ELEVATION
1/8" = 1'-0"



3 COURTYARD WEST ELEVATION
1/8" = 1'-0"

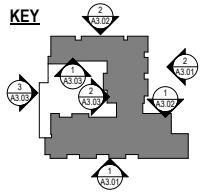


1 WEST ELEVATION
1/8" = 1'-0"

MATERIAL LEGEND

1A STUCCO - WHITE
1B STUCCO - BLUE
1C STUCCO - LIGHT GREY
2 CEMENT BOARD - DARK GREY
3 THERMALLY MODIFIED WOOD SIDING; ALT. CEMENTITIOUS PANEL
4 NOT USED
5 BRAKE METAL PANEL -DARK BRONZE
6A DARK BRONZE ALUM. WINDOW W/ SUNSHADE WHERE NOTED
6B DARK BRONZE ANODIZED ALUM. STOREFRONT
7 METAL ROLL UP DOOR
8 PERFORATED METAL PANEL; FENCE / GUARDRAIL
9 (NOT USED)
10 LOUVERS -PAINTED TO MATCH WINDOW

KEY



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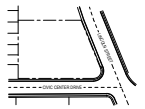
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



DATE	ISSUE
12.02.2020	PLANNING SUBMITTAL
02.5.2021	100% SCHEMATIC DESIGN
8.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
04.08.2022	GPA RESUBMISSION 1
05.09.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION

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PROJECT TEAM MEMBERS
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PROJECT STAMP SPACE

TITLE
BUILDING ELEVATIONS

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
A3.03b
GPA RESUBMISSION 2

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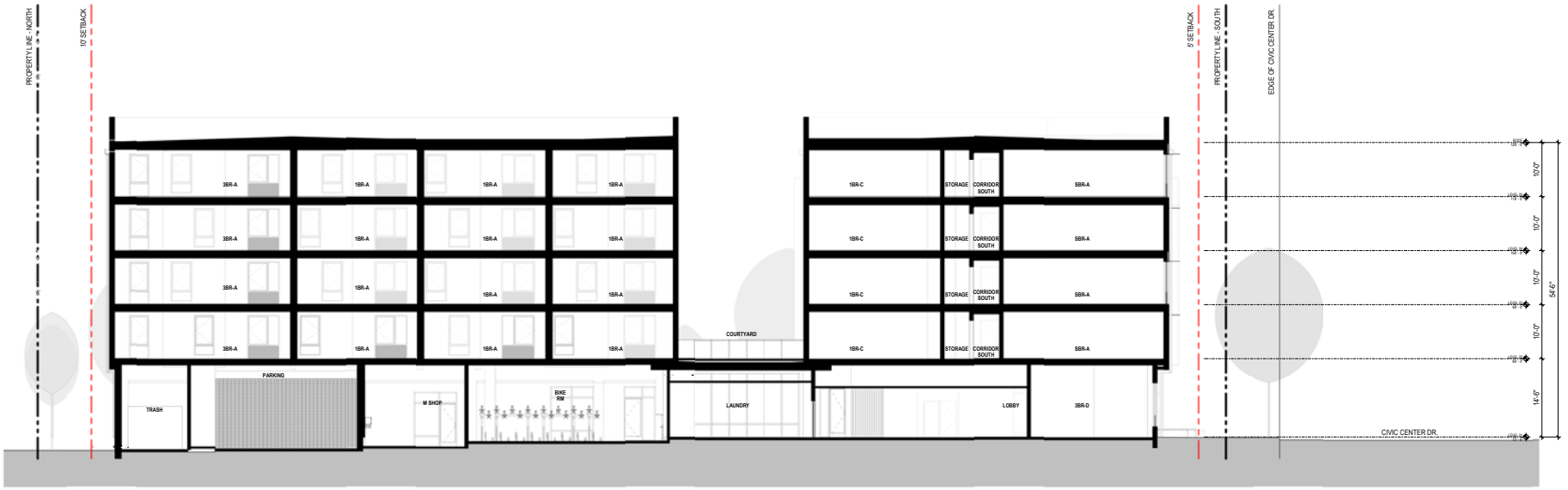
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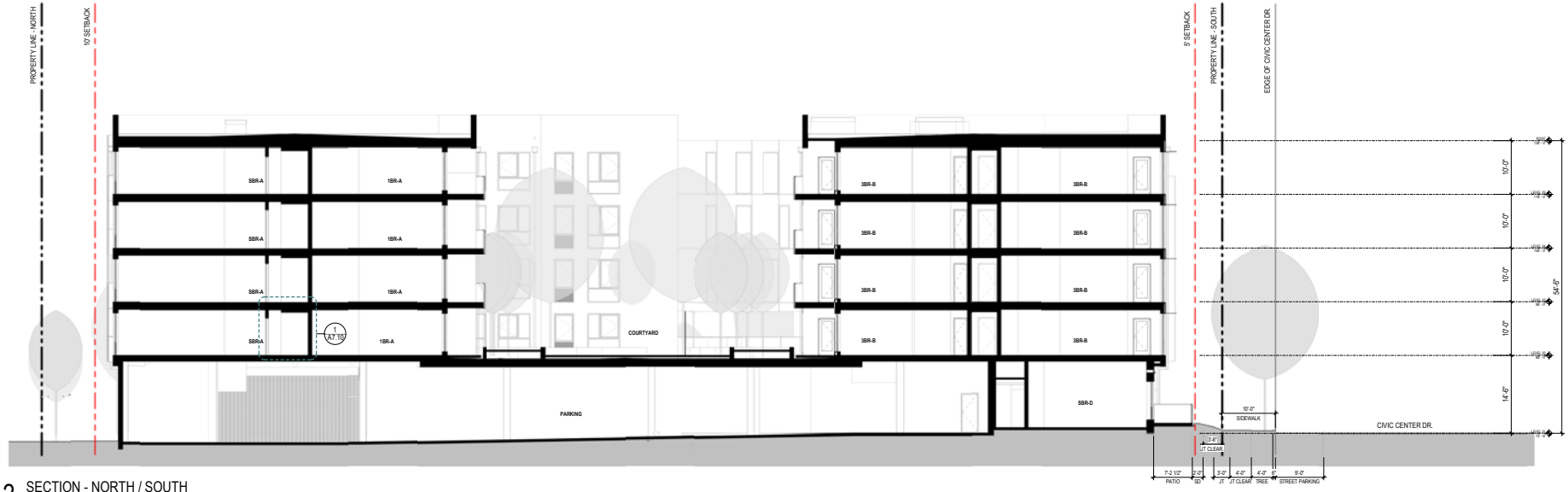
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1 SECTION - NORTH / SOUTH AT LOBBY
1/8" = 1'-0"



2 SECTION - NORTH / SOUTH
1/8" = 1'-0"

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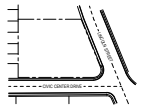
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR.
SANTA CLARA, CA
95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



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05.06.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION

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AP
PROJECT TEAM MEMBERS
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PROJECT START STAGE

TITLE
BUILDING SECTIONS

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
A3.11
GPA RESUBMISSION 2

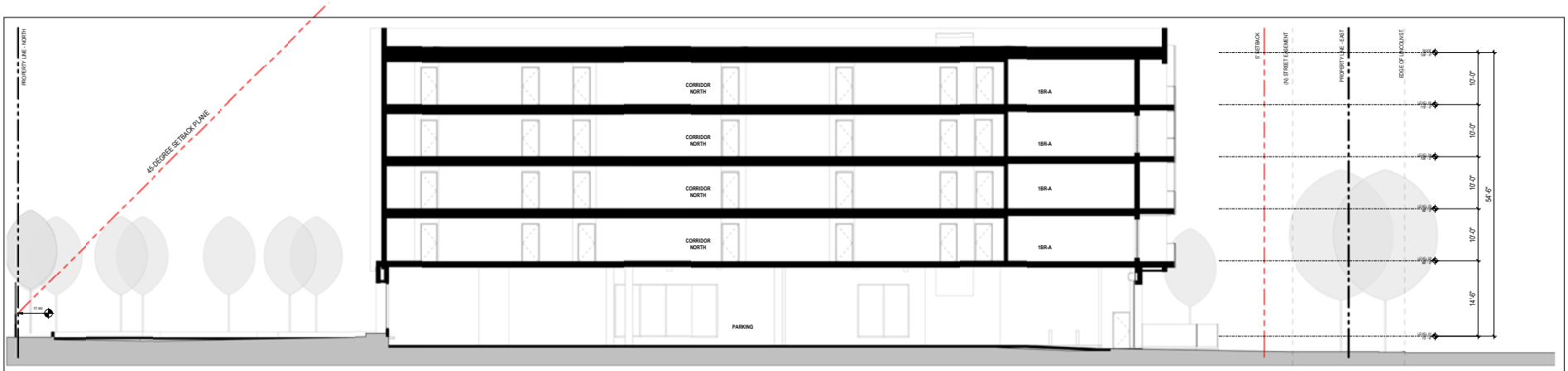
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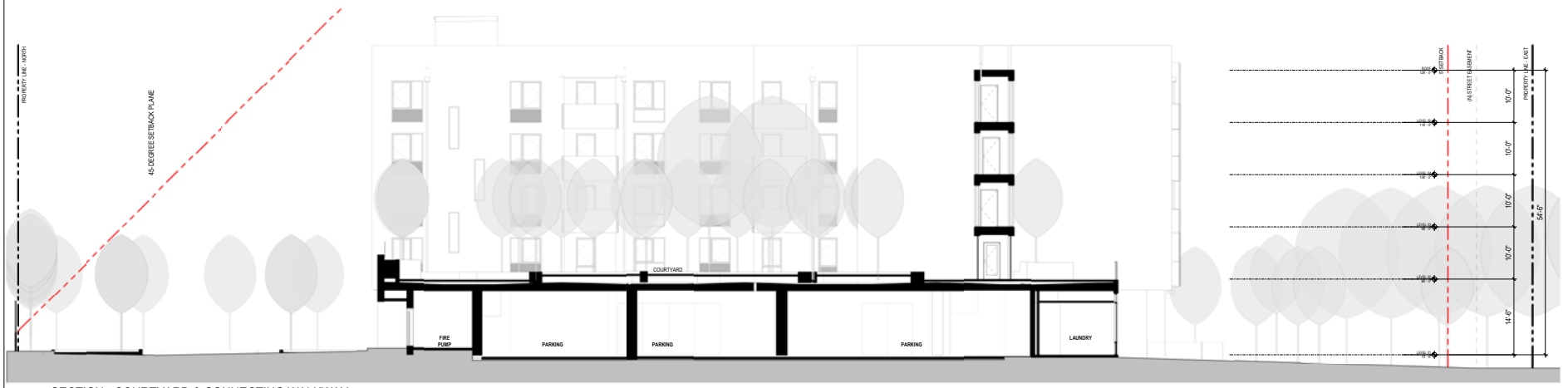
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1 SECTION - THROUGH GARAGE ENTRY
1/8" = 1'-0"



2 SECTION - COURTYARD & CONNECTING WALKWAY
1/8" = 1'-0"



3 SECTION - THROUGH CORRIDOR AT LEVEL 1
1/8" = 1'-0"

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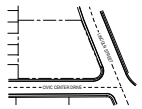
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PROJECT
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05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
1	04.08.2022	GPA RESUBMISSION 1

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PROJECT START STAGE

TITLE
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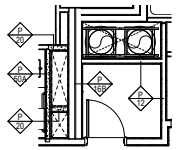
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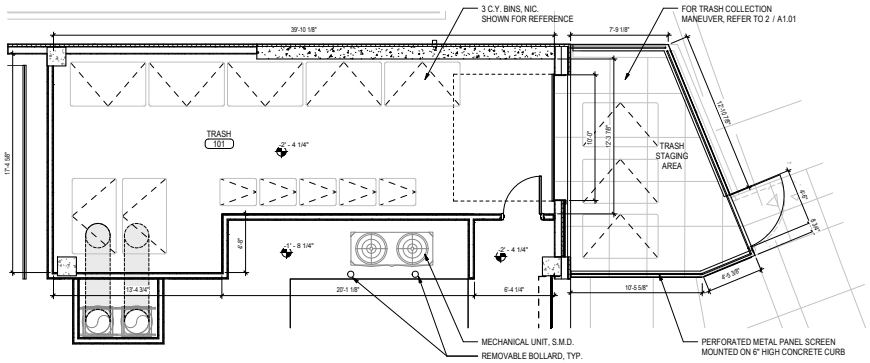
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10 TYPICAL TRASH CHUTE ROOM
1/4" = 1'-0"



1 TRASH ROOM - GROUND LEVEL
1/4" = 1'-0"

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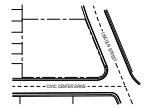
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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

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VICINITY MAP



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TITLE
ENLARGED PLANS -TRASH ROOM AND CHUTES

PROJECT NO.
1927400
DATE
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SHEET NUMBER
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POWER LEGEND

	SINGLEPLEX RECEPTACLE OUTLET: 125V, 20A, MOUNT AT 18"AFF TO CENTER OF OUTLET, TYP. UON
	DUPLEX RECEPTACLE OUTLET: 125V, 20A, MOUNT AT 18"AFF TO CENTER OF OUTLET, TYP. UON
	QUADRIPLEX RECEPTACLE OUTLET: 125V, 20A MOUNT AT 18"AFF TO CENTER OF OUTLET, TYP. UON
	CONTROLLED DUPLEX RECEPTACLE OUTLET: 125V, 20A, TOP HALF SWITCHED VIA OCCUPANCY SENSOR OR VIA TIME SWITCH IN OPEN OFFICES. (PLUG LOAD CONTROL) MOUNT AT 18"AFF TO CENTER OF OUTLET, UON
	HALF-CONTROLLED QUADRUPLEX RECEPTACLE OUTLET: 125V, 20A, (ONE DUPLEX CONTROLLED, ONE DUPLEX UNCONTROLLED). MOUNT AT 18"AFF TO CENTER OF OUTLET, UON
	COMBINATION 120V/USB DUPLEX RECEPTACLE
	FLOOR MOUNTED POWER OUTLET. FIELD VERIFY EXACT LOCATION AND TYPE. 125V, 20A
	FLOOR MOUNTED POWER QUADRUPLEX OUTLET. FIELD VERIFY EXACT LOCATION AND TYPE. 125V, 20A
	FLUSH FLOOR MOUNTED POWER OUTLET. FIELD VERIFY EXACT LOCATION AND TYPE. 125V, 20A
LVCS	COMBINATION POWER, TELE/DATA & AUDIO VISUAL FLUSH FLOOR MOUNTED SPLIT WIRED DUPLEX OUTLET. FIELD VERIFY EXACT LOCATION AND TYPE. 125V, 20A
LVCS	COMBINATION POWER, TELE/DATA & AUDIO VISUAL FLUSH FLOOR MOUNTED HALF CONTROLLED QUADRUPLEX OUTLET. FIELD VERIFY EXACT LOCATION AND TYPE. 125V, 20A
	CEILING MOUNTED DUPLEX RECEPTACLE OUTLET: 125V, 20A
	CEILING MOUNTED QUADRUPLEX RECEPTACLE OUTLET: 125V, 20A
	SPECIAL PURPOSE RECEPTACLE OUTLET: RATING AS INDICATED
	POWER/TELECOM WIREMOLD SURFACE RACEWAY, LENGTH APPROXIMATELY AS SHOWN
$a	CONTROL SWITCH, SUBSCRIPT(S) INDICATES ASSOCIATED LIGHT FIXTURE(S) / EQUIPMENT CONTROLLED. NO SUBSCRIPT INDICATES ALL LIGHT FIXTURE(S) / EQUIPMENT CONTROLLED INSIDE ROOM. MOUNT AT +42" AFF, TYP. UNLESS OTHERWISE NOTED.
$K	KEYED TYPE SWITCH
$3	THREE WAY SWITCH
$OV	OVERRIDE CONTROL SWITCH. PROVIDE LABEL INDICATING "OVERRIDE LTG/REC CONTROL".
	DIMMER SYSTEM LIGHT CONTROL
$3	DIMMER SYSTEM LIGHT CONTROL - 3 WAY
	ADA DOOR PUSHPAD
	PUSHBUTTON
	BELL

RECEPTACLE SUBSCRIPT LEGEND

a	C	=	ABOVE COUNTER
	#	=	SPECIAL MOUNTING HEIGHT
	D	=	DEDICATED CIRCUIT
	G	=	GROUND FAULT CIRCUIT INTERRUPTER
	IG	=	ISOLATED GROUND
	WP	=	WEATHERPROOF
	a	=	SUBSCRIPT(S) INDICATES SWITCH CONTROL
	6	=	NUMBER INDICATES CIRCUIT NUMBER
	T	=	TAMPER RESISTANT TYPE OUTLET

LIGHTING LEGEND

	LIGHTING FIXTURE DOWNLIGHT, CEILING MOUNTED
	LIGHTING FIXTURE, WALL MOUNTED
	LIGHTING FIXTURE LINEAR, LENGTH AS SHOWN, CEILING MOUNTED
	LIGHTING FIXTURE, LENGTH AS SHOWN, WALL MOUNTED
EM OR EM	EMERGENCY LIGHTING FIXTURE
	WALL WASHER, CEILING MOUNTED
	LIGHTING FIXTURE(S), POLE MOUNTED
F1 1a 2	FIXTURE DESIGNATION: - LIGHTING FIXTURE TYPE - INDICATES SWITCH CONTROL - INDICATES CIRCUITING
DZP	DZP = DAYLIGHTING ZONE PRIMARY DZS = DAYLIGHTING ZONE SECONDARY SZ = DAYLIGHTING ZONE SKYLIGHT
	EXIT SIGN, WALL MOUNTED SHADING = ILLUMINATED FACE ARROWS AS SHOWN
	EXIT SIGN, CEILING MOUNTED P = PENDANT MOUNTED SHADING = ILLUMINATED FACE ARROWS AS SHOWN
P	EXIT SIGN, CEILING MOUNTED P = PENDANT MOUNTED SHADING = ILLUMINATED FACE ARROWS AS SHOWN
	EXIT SIGN, LOW LEVEL, RECESSED IN WALL SHADING = ILLUMINATED FACE ARROWS AS SHOWN
a	OCCUPANCY SENSOR, WALL MOUNTED. DUAL OR SINGLE RELAY PER PLANS. SUBSCRIPT(S) INDICATES FIXTURE(S) CONTROLLED.
D	COMBINATION DIMMER & OCCUPANCY SENSOR, WALL MOUNTED
H x	OCCUPANCY SENSOR, CEILING MOUNTED. SUBSCRIPT(S) INDICATES FIXTURE(S) CONTROLLED. H - INDICATES HALLWAY TYPE SENSOR.
x	DAYLIGHTING PHOTOCELL. SUBSCRIPT(S) INDICATES LIGHTING CONTROLLED.
PC	OUTDOOR PHOTOCELL SENSOR.
S	INTEGRATED LUMINAIRE OCCUPANCY SENSOR AND CONTROL UNIT FOR WIRELESS LIGHTING CONTROL SYSTEM. HB = HIGH BAY TYPE.
GW	GATEWAY CONTROLLER FOR WIRELESS CONNECTIVITY.
PLUG	PLUG LOAD CONTROLLER FOR POWER RECEPTACLES.

DATA AND AV DEVICE LEGEND

	TELEPHONE/DATA OUTLET, MOUNT AT 18" AFF TO CENTER OF OUTLET, TYP. UON, PROVIDE DOUBLE-GANG BOX WITH 1"C TO ABOVE ACCESSIBLE CEILING SPACE. PROVIDE PULL CORD.
C	DATA OUTLET AT CEILING, PROVIDE SINGLE-GANG BOX/SINGLE GANG MUD RING/STRING WITH 1" C
	DATA OUTLET, MOUNT AT 18" AFF TO CENTER OF OUTLET, TYP. UON. PROVIDE DOUBLE-GANG BOX/SINGLE EXTENDED GANG MUDRING/STRINGS WITH 1"C TO ABOVE ACCESSIBLE CEILING SPACE.
W	TELEPHONE OUTLET, "W" INDICATES WALL PHONE. MOUNT AT 45° AFF TO TOP OF OUTLET, UON. PROVIDE SINGLE-GANG BOX/SINGLE-GANG MUD-RING/STRING WITH 1"C TO ABOVE ACCESSIBLE CEILING SPACE.
TV	TELEVISION OUTLET, MOUNT AT 18" AFF TO CENTER OF OUTLET, PROVIDE SINGLE-GANG BOX WITH 1"C TO ABOVE ACCESSIBLE CEILING SPACE.

POWER AND SIGNAL DEVICE LEGEND

	ELECTRICAL EQUIPMENT
	CONTROL PANEL SURFACE MOUNTED EXAMPLES: LCP, SECURITY, BMS
	CONTROL PANEL RECESSED MOUNTED EXAMPLES: LCP, SECURITY, BMS
	PANELBOARD SURFACE MOUNTED
	PANELBOARD RECESSED MOUNTED
	BUSWAY RISER WITH PLUG IN UNIT
	BUSWAY HORIZONTAL
	CABLE TAP BOX
T	STEP DOWN TRANSFORMER
	HEAVY DUTY DISCONNECT SWITCH
	HEAVY DUTY DISCONNECT SWITCH WITH FUSE
	MOTOR STARTER
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH
V	VARIABLE FREQUENCY DRIVE
G	GENERATOR
CR	ACCESS CONTROL CARD READER BACK BOX
$KK	MS = MOTORIZED SHADE CONTROLLER (FBO) PS = PROJECTION SCREEN CONTROLLER (FBO)
$T	THERMAL OVERLOAD/DISCONNECT SWITCH
EPO	RED PUSH BUTTON MUSHROOM TYPE WITH CLEAR LEXAN PROTECTIVE SHROUD COVER. EPO = EMERGENCY POWER OFF
M	MOTOR CONNECTION
J J	JUNCTION BOX, WALL / CEILING MOUNTED
	J-HOOK PATHWAY
	GROUND BUS BAR
	GROUND ROD
	CIRCUIT BREAKER
	SWITCH AND FUSE
	DRAWOUT TYPE CIRCUIT BREAKER
	DRAWOUT TYPE SWITCH AND FUSE
CB	CIRCUIT BREAKER IN ENCLOSURE
M	CURRENT TRANSFORMER AND KWH METER
GFP	GROUND FAULT PROTECTION RELAY
SPD	SURGE PROTECTIVE DEVICE
	NORMALLY OPEN CONTACT
	NORMALLY CLOSED CONTACT
	TRANSFORMER
NO NC	AUTOMATIC TRANSFER SWITCH

ABBREVIATIONS

AC	ABOVE COUNTER	JB	JUNCTION BOX
AIC	AMPERES INTERRUPTING CAPACITY	KV	KILOVOLT
ANN	ANNUNCIATOR	KVA	KILOVOLT - AMPERE
AM	AMMETER	KW	KILOWATT
A OR AMP	AMPERE	LTG	LIGHTING
AFCI	ARC FAULT CURRENT INTERUPT	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MCC	MOTOR CONTROL CENTER
APPROX	APPROXIMATELY	MCP	MOTOR CIRCUIT PROTECTOR
ARCH	ARCHITECTURAL	MECH	MECHANICAL
ATS	AUTOMATIC TRANSFER SWITCH	MTD	MOUNTED
AUTO	AUTOMATIC	MTG	MOUNTING
AUX	AUXILIARY	NEUT	NEUTRAL
AV	AUDIO VISUAL	NC	NORMALLY CLOSED
BLDG	BUILDING	NIC	NOT IN CONTRACT
C	CLOCK OR CONDUIT	No	NUMBER
CAB	CABINET	NO	NORMALLY OPEN
CAP	CAPACITOR	NOM	NOMINAL
CAT	CATALOG	NP	NAMEPLATE
CB	CIRCUIT BREAKER	NTS	NOT TO SCALE
CCTV	CLOSED CIRCUIT TELEVISION	OC	+6" OVERCOUNTER OR BACKSPLASH
CLF	CURRENT LIMITING FUSE	OD	OUTSIDE DIAMETER
CLG	CEILING	OL	OVERLOAD
CKT	CIRCUIT	P	POLE
COMB	COMBINATION	PA	PUBLIC ADDRESS
CONC	CONCRETE	PB	PULL BOX or PUSHBUTTON
CONN	CONNECTION	PF	POWER FACTOR
CONT	CONTACTOR	PH	PHASE
CONTR	CONTRACTOR	PL	PILOT LIGHT
CT	CURRENT TRANSFORMER	PNL	PANEL
DB	DECIBEL	PR	PAIR
DC	DIRECT CURRENT	PRI	PRIMARY
DET	DETAIL	PVC	POLYVINYL CHLORIDE
DIA	DIAMETER	REC	RECESSED or RECEPTACLE
DIAG	DIAGRAM	REF	REFERENCE
DIM	DIMENSION	REG	REGULATOR
DISC	DISCONNECT	REQD	REQUIRED
DIST	DISTRIBUTION	REV	REVISION
DIV	DIVISION	RM	ROOM
DM	DAMPER MOTOR	RR	REMOVE AND REINSTALL
DN	DOWN	SCHED	SCHEDULE
DPDT	DOUBLE POLE DOUBLE THROW	SD	SMOKE DETECTOR
DPST	DOUBLE POLE SINGLE THROW	SEC	SECONDARY or SECURITY
DWG	DRAWING	SN	SOLID NEUTRAL
DZP	DAYLIGHTING ZONE PRIMARY	SOL	SOLENOID
DZS	DAYLIGHTING ZONE SECONDARY	SP	SPARE
EA	EACH	SPC	SPACE
EC	ELECTRICAL CONTRACTOR	SPDT	SINGLE POLE DOUBLE THROW
ELECT	ELECTRICAL	SPST	SINGLE POLE SINGLE THROW
EL	ELEVATION	SPEC	SPECIFICATION
EM	EMERGENCY	SUPV	SUPERVISORY
ENCL	ENCLOSURE	SQ.FT.	SQUARE FOOT
EQUIP	EQUIPMENT	STA	STATION
EWC	ELECTRIC WATER COOLER	STD	STANDARD
EWH	ELECTRIC WATER HEATER	SUSP	SUSPENDED
(E)	EXISTING	SW	SWITCH
EXP	EXPOSED	SWBD	SWITCHBOARD
FA	FIRE ALARM	SWGR	SWITCHGEAR
FC	FOOTCANDLE	SYNC	SYNCHRONIZATION
FIXT	FIXTURE	SYST	SYSTEM
FIG	FIGURE	SZ	DAYLIGHTING ZONE SKYLIGHT
FL	FLOOR	T or TEL	TELEPHONE
FLA	FULL LOAD AMPERE	TEMP	TEMPERATURE
FLEX	FLEXIBLE	TOL	THERMAL OVERLOAD
FLUOR	FLUORESCENT	TPS	TWISTED PAIR SHIELDED
FT	FOOT OR FEET	TTC	TELEPHONE TERMINAL CABINET
FUT	FUTURE	TV	TELEVISION
GEN	GENERATOR	(TYP.)	TYPICAL
GFI	GROUND FAULT CIRCUIT INTERRUPTER	UH	UNIT HEATER
		UV	UNIT VENTILATOR
HGT	HEIGHT	V	VOLT
HID	HIGH INTENSITY DISCHARGE	VA	VOLT AMPERE
HORIZ	HORIZONTAL	VERT	VERTICAL
HP	HORSEPOWER	VEST	VESTIBULE
HTR	HEATER	VM	VOLTMETER
HVAC	HEATING, VENTILATION AND AIR CONDITIONING	VR	VERMIN RESISTANT
		VOL	VOLUME
HV	HIGH VOLTAGE	W	WATT
HZ	HERTZ	WP	WEATHER PROOF
IMP	IMPEDANCE	XP	EXPLOSION PROOF
IN	INCH OR INCHES	XFMR	TRANSFORMER

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PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP

NO.	DATE	ISSUE
	12.02.2020	PLANNING SUBMITTAL
	02.5.2021	100% SCHEMATIC DESIGN
	8.23.2021	DPA SUBMITTAL
	11.19.2021	50% DESIGN DEVELOPMENT
	04.08.2022	DPA RESUBMISSION 1
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	05.25.2022	DPA RESUBMISSION 2

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PROJECT COMP. STAGE

TITLE
LEGEND, SYMBOLS, GENERAL NOTES & DRAWING LIST

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
E0.01
DPA RESUBMISSION 2

ORIGINAL SHEET SIZE: 30" x 42"

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Calculation Summary							
Scene: Site							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Garage Entrance	Illuminance	Fc	7.98	18.9	2.8	2.83	6.36
Main Entry	Illuminance	Fc	5.98	278.5	0.3	19.93	928.33
Parking 1	Illuminance	Fc	2.34	12.4	0.4	5.85	31.00
Pathway 1	Illuminance	Fc	3.94	10.4	0.8	13.13	34.67
Pathway 2	Illuminance	Fc	12.98	185.7	0.6	129.80	1857
Pathway 3	Illuminance	Fc	24.98	29.2	16.7	1.28	1.56
Pathway 4	Illuminance	Fc	7.95	27.6	2.5	3.18	11.04
Pathway 5	Illuminance	Fc	2.61	5.9	0.1	26.10	59.00
Pathway 6	Illuminance	Fc	3.63	4.5	3.3	1.21	1.50
Trash Shed	Illuminance	Fc	13.17	341.6	3.7	3.56	92.35

Luminaire Schedule					
Scene: Site					
Qty	Tag	Label	Lum. Lumens	LLF	Lum. Watts
6	ZW1	24370_BEGA_IES	421	0.850	10
16	ZR1B	24827_BEGA_IES	1230	0.850	16
4	ZS1	Gaugin-26RL-1200-ckw-gY-S	7038	0.850	51.9
5	ZP1	LW450-2LVC-WW-T3	5328	0.850	71.99
2	ZR1A	24829_BEGA_IES	1218	0.850	10
10	ZS2	LN95S__Std-Output-3000K	568	0.850	16
7	ZR2	24515K3_BEGA_IES	1429	0.850	15
8	ZW2	24351K3_BEGA_IES	3250	0.850	26

1 SITE PLAN - LIGHTING
1/16" = 1'-0"

SHEET NOTES:

1

GENERAL NOTES:

1. +++++

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SITE PLAN - LIGHTING

PROJECT NO.
1927400
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05/25/2022

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Calculation Summary								
Scene: Podium								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Podium Walkway	Illuminance	FC	12.84	120.6	0.1	128.40	1206
Path of Travel	Illuminance	FC	17.00	120.6	1.0	17.00	120.60

Luminaire Schedule					
Scene: Podium					
Qty	Tag	Label	Lum. Lumens	LLF	Lum. Watts
3	ZR1B	24837_BEGA_IES	1230	0.850	10
5	ZW3	24582_BEGA_IES	1217	0.850	17
73	ZR2	24212K3_BEGA_IES	1423	0.850	15

1 PODIUM LEVEL FLOOR PLAN - LIGHTING
1/16" = 1'-0"

SHEET NOTES:

1

GENERAL NOTES:

1. +++++

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ISSUE
PODIUM LEVEL FLOOR PLAN - LIGHTING

PROJECT NO.
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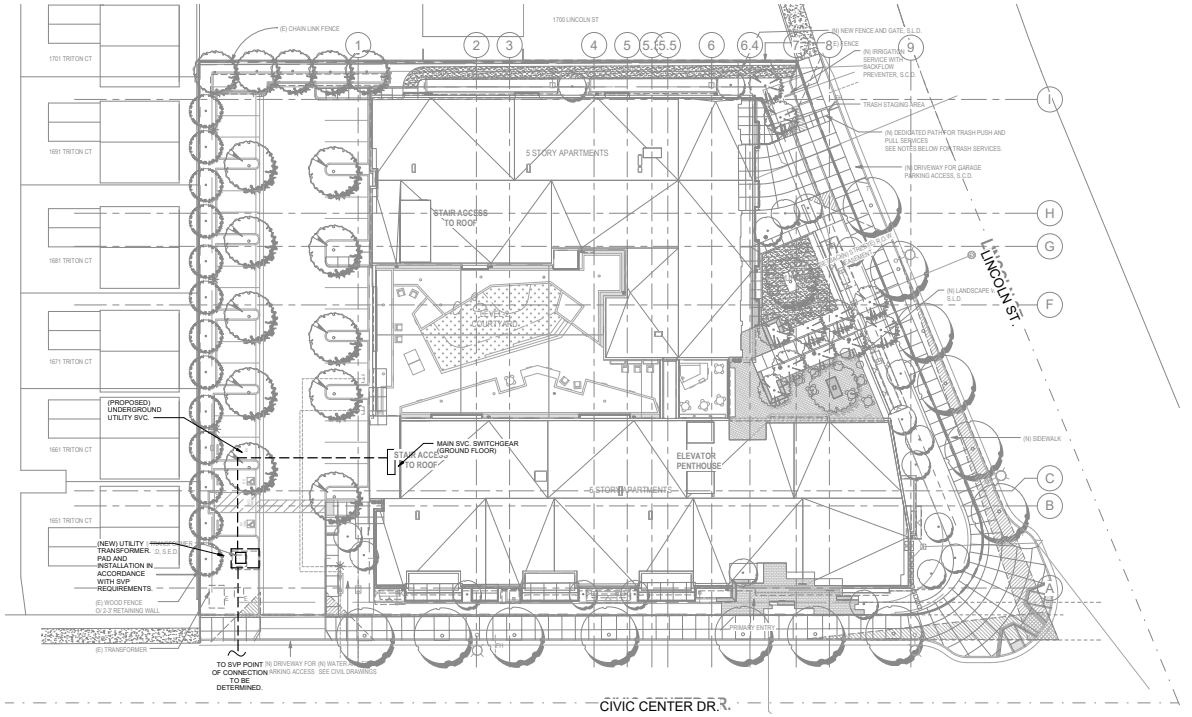
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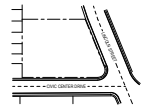
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VICINITY MAP



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SITE PLAN - POWER

PROJECT NO.
1927400
DATE
05/25/2022

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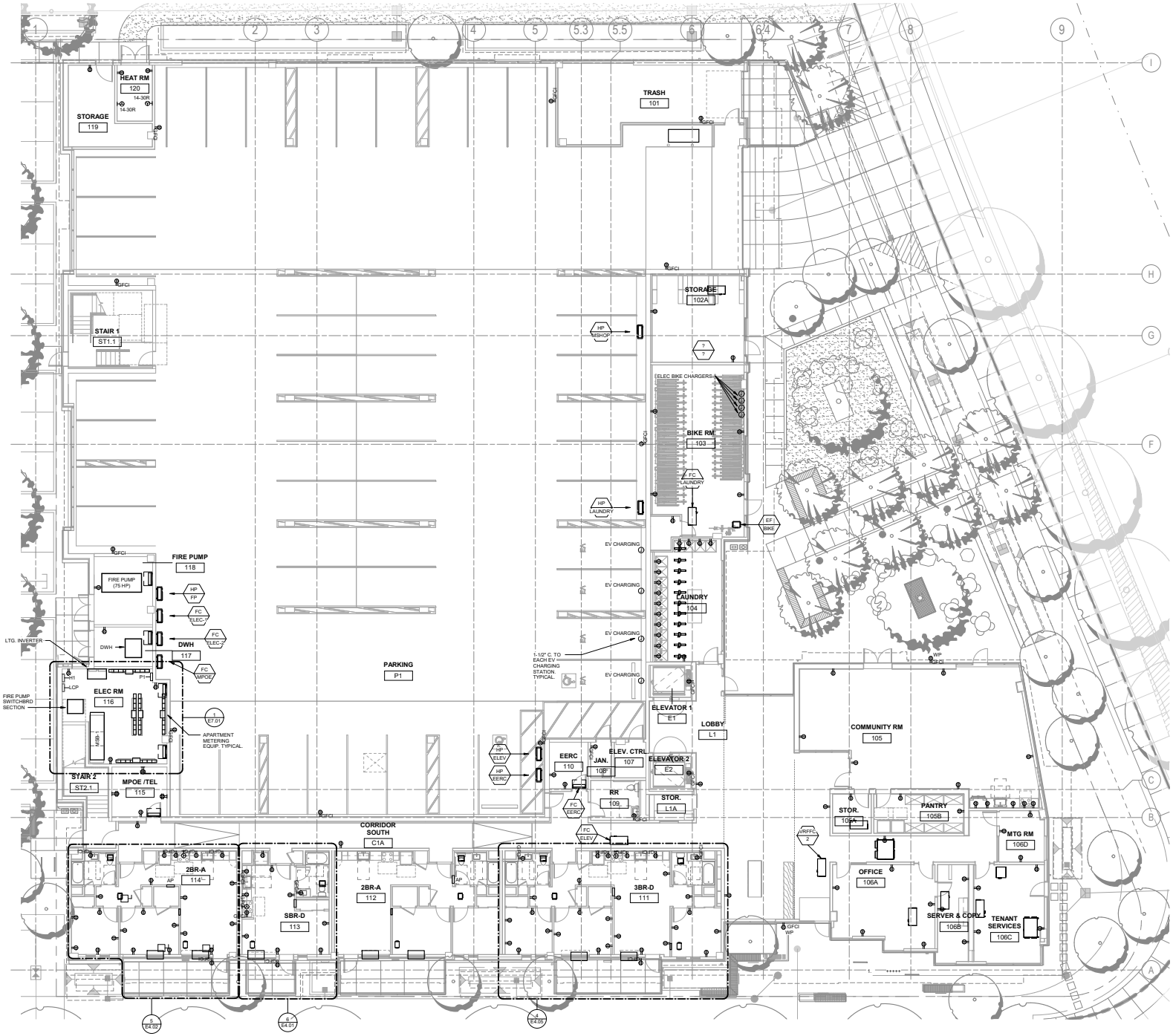
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1 LEVEL 1 FLOOR PLAN - GROUND - POWER
1/8" = 1'-0"

GENERAL NOTES:

1. +++++

SHEET NOTES:

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LEVEL 1 FLOOR PLAN - GROUND - POWER

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DATE
05/25/2022

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	WIRING SCHEDULE - COPPER CONDUCTORS										
TAG	CIRCUIT RATING	CONDUIT SIZE (INCHES)							PHASE/ NEUTRAL	EQUIP. GND	
		NONE	G	N	NG	NGI	NNGI	NNGG			
015	15	0.5	0.5	0.5	0.5	0.5	0.5	0.5	12	12	
020	20	0.5	0.5	0.5	0.5	0.5	0.5	0.5	12	12	
030	30	0.5	0.5	0.5	0.5	0.5	0.75	0.75	10	12	
040	40	0.75	0.75	0.75	0.75	0.75	1	1	8	10	
050	50	1	1	1	1	1.25	1.25	1.25	6	10	
060	60	1	1.25	1.25	1.25	1.25	1.5	1.5	4	10	
070	70	1	1.25	1.25	1.25	1.5	1.5	1.5	4	8	
080	80	1.25	1.25	1.25	1.5	2	2	2	3	8	
090	90	1.25	1.25	1.25	1.5	2	2	2	2	8	
100	100	1.25	1.5	1.5	2	2	2	2.5	1	8	
110	110	1.25	1.5	1.5	2	2	2	2.5	1	8	
125	125	1.25	2	2	2	2	2.5	2.5	1/0	8	
150	150	1.5	2	2	2	2.5	2.5	3	2/0	6	
200	200	2	2	2	2.5	2.5	3	3	3/0	6	
225	225	2	2.5	2.5	2.5	3	3	3	4/0	4	
250	250	2.5	2.5	2.5	3	3	3	3.5	250	4	
300	300	2.5	3	3	3.5	3.5	3.5	4	300	2	
350	350	3	3.5	3.5	4	4	4	5	350	2	
400	400	3(2)	3(2)	3(2)	3(2)1.5	3(2)1.5	3(2)1.5	3(2)2	3(2)	2	
450	450	3(2)	3(2)	3(2)	3(2)1.5	3(2)	3(2)	3(2)	3(2)	2	
500	500	3(2)1.5	3(2)1.5	3(2)1.5	3(2)	3(2)	3(2)1.5	3(2)1.5	3(2)	1	
600	600	3(2)1.5	3(2)1.5	3(2)1.5	3(2)1.5	3(2)1.5	3(2)1.5	3(2)2	3(2)	1	
700	700	3(2)	3(2)1.5	3(2)1.5	3(2)	3(2)	4(2)	4(2)	3(2)	1/0	
800	800	3(2)1.5	3(2)	3(2)	3(2)	3(2)1.5	3(2)1.5	3(2)1.5	3(2)	1/0	
1000	1000	4(2)	4(2)	4(2)	4(2)1.5	4(2)	4(2)	4(2)	4(2)	2/0	
1200	1200	4(2)1.5	4(2)	4(2)	4(2)1.5	4(2)1.5	4(2)1.5	4(2)2	4(2)	3/0	
1600	1600	4(2)	4(2)1.5	4(2)1.5	4(2)	4(2)	4(2)	4(2)	4(2)	4/0	
2000	2000	4(2)1.5	4(2)1.5	4(2)1.5	4(2)1.5	4(2)1.5	4(2)1.5	4(2)2	4(2)	250	
2500	2500	4(2)2	4(2)2	4(2)2	4(2)2	4(2)2	4(2)2	4(2)2	4(2)	350	
3000	3000	4(2)2.5	4(2)2.5	4(2)2.5	4(2)2	4(2)2	4(2)2	4(2)2	4(2)	400	

SUBSCRIPT KEY	
SUBSCRIPT	CONDUCTORS PER CONDUIT
NONE	2-PHASE CONDUCTORS, CONDUIT GROUND
G	2-PHASE CONDUCTORS, 1 GROUNDING CONDUCTOR
N	2-PHASE CONDUCTORS, 1 NEUTRAL CONDUCTOR, CONDUIT GROUND
NG	2-PHASE CONDUCTORS, 1 NEUTRAL CONDUCTOR, 1 GROUNDING CONDUCTOR
NGI	2-PHASE CONDUCTORS, 1 NEUTRAL CONDUCTOR, 1 GROUNDING CONDUCTOR, 1 ISOLATED GROUNDING CONDUCTOR
NNG	3-PHASE CONDUCTORS, 2 NEUTRAL CONDUCTORS*, 1 GROUNDING CONDUCTOR
NNGI	3-PHASE CONDUCTORS, 2 NEUTRAL CONDUCTORS*, 1 GROUNDING CONDUCTOR, 1 ISOLATED GROUNDING CONDUCTOR

* SINGLE NEUTRAL CONDUCTOR SIZES FOR CIRCUIT RATING 125 AND LESS

CIRCUIT RATING	15	20	30	40	50	60
SINGLE NEUTRAL CONDUCTOR SIZE	10	8	6	4	1	1/0
CIRCUIT RATING	70	80	90	100	125	
SINGLE NEUTRAL CONDUCTOR SIZE	2/0	3/0	4/0	250	250	

EXAMPLES

1 SINGLE LINE DIAGRAM

MITHUN

SEATTLE / Pier 56, 1201 Alaskan Way, #200
Seattle, WA 98101 / 206.623.3344

SAN FRANCISCO / 600 Market Street, #300
San Francisco, CA 94104 / 415.956.0888

LOS ANGELES / 5857 Adams Blvd
Culver City, CA 90232 / 323.937.2150

mithun.com

GUTTMANN& BLAEVOET
CONSULTING ENGINEERS
2351 Powell Street
San Francisco, CA 94133-1449
P 415 655 4000 F 415 655 4001
E gba@gb-eng.com

PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP

DATE	ISSUE
12.02.2020	PLANNING SUBMITTAL
02.5.2021	100% SCHEMATIC DESIGN
8.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
04.08.2022	GPA RESUBMISSION 1
05.06.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION
1	04.08.2022	GPA RESUBMISSION 1

DESIGN PARTNER
AP
PROJECT MANAGER
KB / SA
PROJECT ARCHITECT
SA / AK
PROJECT MANAGER
PROJECT TEAM MEMBERS
CHECK

PROJECT COMP. STAGE

TITLE
SINGLE LINE DIAGRAM

PROJECT NO.
1927400
DATE
05/25/2022

SHEET NUMBER
E5.01
GPA RESUBMISSION 2

ORIGINAL SHEET SIZE: 30" x 42"

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PLUMBING GENERAL NOTES

1. ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2019 EDITION OF CALIFORNIA PLUMBING CODE AND BUILDING CODE. ADOPTED EDITIONS OF NATIONAL FIRE PROTECTION CODES, ALL OTHER APPLICABLE CODES AND REGULATIONS, AND AUTHORITIES HAVING JURISDICTIONS.
2. COORDINATE PLUMBING SYSTEMS WITH WORK OF OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS AS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
3. COORDINATE LOCATIONS OF ALL ROOF OPENINGS WITH STRUCTURAL, MECHANICAL, AND ARCHITECTURAL PLANS PRIOR TO ANY INSTALLATION.
4. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE CODES. PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
5. MAINTENANCE LABELS SHALL BE AFFIXED TO ALL PLUMBING EQUIPMENT AND A MAINTENANCE MANUAL SHALL BE PROVIDED TO OWNER.
6. PIPES SHALL BE SUPPORTED AND BRACED PER 2019 CBC SECTION 1613A GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEMS OF NONSTRUCTURAL COMPONENTS.
7. HOUSEKEEPING PADS SHALL BE MINIMUM 4 INCHES HIGH WITH A MINIMUM OF 6 INCHES CLEAR AROUND EQUIPMENT.
8. ALL CLEANOUTS SHALL BE INSTALLED PER CALIFORNIA PLUMBING CODE, 2019 EDITION.
9. VERTICAL AND HORIZONTAL OFFSETS SHOWN IN PIPES INDICATE THE GENERAL RELATIONSHIP OF THE SYSTEMS. PROVIDE ADDITIONAL OFFSETS SIMILAR TO THOSE SHOWN AS REQUIRED TO SUIT CONSTRUCTION AND WORK DONE BY TRADES.
10. DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC TO THE EXTENT THAT ALL OFFSETS, BENDS, SPECIAL FITTINGS AND EXACT LOCATIONS ARE NOT INDICATED. EXAMINE DRAWINGS AND PREMISES IN ORDER TO DETERMINE BEST METHODS, EXACT LOCATIONS, ROUTES AND BUILDING CONSTRUCTIONS. INSTALL APPARATUS AND EQUIPMENT IN ACCESSIBLE LOCATIONS.
11. FOLLOW AS CLOSE AS POSSIBLE LAYOUT INDICATED ON DRAWINGS.
12. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND ELEVATIONS OF PLUMBING FIXTURES.
13. ALL PIPING IN FINISHED AREAS SHALL BE CONCEALED. EXPOSED PIPING, WHERE NECESSARY, SHALL BE RUN AS HIGH AS POSSIBLE AND TIGHT TO THE WALLS.
14. LOCATIONS OF PIPING, FIXTURES AND EQUIPMENT INDICATED ON DRAWINGS ARE APPROXIMATE ONLY, AND SHALL BE CHANGED TO MEET THE ARCHITECTURAL AND STRUCTURAL CONDITIONS AS REQUIRED, AT NO EXTRA COST TO THE OWNER.
15. ALL PLUMBING FIXTURES AND EQUIPMENT SHALL HAVE ISOLATING VALVES. ACCESSIBLE SHUT-OFF VALVE ON ALL WATER SUPPLY LINES
16. CONTRACTOR TO VERIFY EXACT LOCATION AND INVERT ELEVATION OF UTILITIES IN THE FIELD PRIOR TO INSTALLATION OF ANY UNDERGROUND PIPING.
17. INSTALL ALL VALVES, CONTROLS, ETC. IN ACCESSIBLE LOCATIONS. PROVIDE ADEQUATELY SIZED ACCESS DOORS WHERE REQUIRED.
18. PLUMBING CONTRACTOR SHALL FILL FLOOR DRAINS WITH WATER UPON COMPLETION OF WORK AND TESTING.
19. INSULATE ALL WATER PIPING PER TITLE 24 REQUIREMENTS AND PROJECT SPECIFICATIONS.
20. ABSOLUTE ACCURACY OF DRAWING AND SPECIFICATIONS CANNOT BE GUARANTEED. DESIGN DRAWINGS ARE DIAGRAMMATIC IN NATURE. WHILE EVERY EFFORT HAS BEEN MADE TO COORDINATE THE LOCATION OF EQUIPMENT, PIPING, ETC., WITH OTHER TRADES, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE EXACT REQUIREMENTS GOVERNED BY ACTUAL JOB CONDITIONS.
21. PENETRATION OF RATED ASSEMBLY SHALL BE FIRE-STOPPED. STOPPING SYSTEM (MATERIAL AND DESIGN) SHALL CONFORM TO BOTH FLAME (F) AND TEMPERATURE(T) RATING AS REQUIRED BY LOCAL BUILDING CODE AND AS TESTED BY NATIONALLY ACCEPTED TEST AGENCIES PER ASTM E814 OR REPRESENTABLE OF FIELD CONDITION.
22. COMBINE ALL VERTICAL VENTS WHERE PRACTICAL PRIOR TO ROOF PENETRATION.
23. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL ALL WORK TO MEET OR EXCEED MINIMUM REQUIREMENTS STIPULATED IN CURRENT ISSUE OF APPLICABLE STANDARDS, CODES, OR REGULATIONS.
24. ALL PLUMBING WORK SHALL COMPLY WITH LEAD FREE REQUIREMENTS OF SECTION 116875 OF CALIFORNIA HEALTH AND SAFETY CODE.
25. INSTALL ALL PIPING TO AVOID ARCHITECTURAL FRAMING, STRUCTURAL MEMBERS AND OTHER CONSTRUCTION. COORDINATE PIPING LAYOUT WITH ALL OTHER CONTRACT DIVISIONS OF WORK BEFORE FABRICATION AND INSTALLATION.
26. PROVIDE VALVED DRAINS AT THE LOW POINTS IN EACH PIPING SYSTEM.

MP COMPONENT ANCHORAGE NOTES

ALL PLUMBING COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC, SECTIONS 1616A.1.17 THROUGH 1616A.1.26, 1705A.13.3 AND ASCE-7-10 CHAPTER 13, 26 AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED TO THE BUILDING UTILITY SERVICES SUCH WATER.
3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE FOLLOWING PLUMBING COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT THE ATTACHMENT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED PIPING.

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING DISTRIBUTION SYSTEM BRACING NOTE

PIPING DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENT PRESCRIBED IN ASCE-7-10 SECTION 13.3 AS DEFINED IN ASCE-7-10 SECTION 13.6.5.6, 13.6.7, 13.6.8 AND 2016 CBC, SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25, 1616A.1.26 AND 1705A13.3. THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE ON THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., SMACNA OR OSHPD OPM), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

PLUMBING PIPING (PP)

PP [X] OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

PP [X] OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVED DETAILS (CONTRACTOR SHALL SUBMIT APPLICABLE OPM NUMBERS). OPM-0052-13 DATED 8/17/2017

PP [X] OPTION 3: WHERE ANCHORAGE, SUPPORT AND BRACING ARE NOT FULLY DETAILED ON THE DRAWINGS AND PRE-APPROVED SYSTEMS ARE NOT USED, CONTRACTOR SHALL SUBMIT DESIGNS AND CALCULATIONS OF PROPOSED SYSTEMS IN ACCORDANCE WITH SPECIFICATION SECTION 220548, PARAGRAPH 1.6.B.2.

SYMBOLS

Some of the symbols shown may not be used on this project.

GENERAL

- EXISTING TO REMAIN
- TO BE REMOVED
- NEW WORK
- POINT OF CONNECTION

TAGS

- EQ-# — EQUIPMENT TAG
- EQ / # — EQUIPMENT TAG
- EQ-D / EQ-# — KITCHEN EQUIPMENT TAGS
- ABC / # — PLUMBING RISER TAG
- # — SHEET NOTE TAG
- # — ALTERNATE SHEET NOTE TAGS
- WV / # — SANITARY/VENT RISER DESIGNATION
- CH / # — COLD&HOT WATER RISER DESIGNATION
- SD / # — STORM DRAIN RISER DESIGNATION
- CD / # — CONDENSATE DRAIN RISER DESIGNATION
- F / # — FIRE STANDPIPE RISER DESIGNATION

PUMPS

- PUMP - GENERIC
- PUMP

SENSORS & SWITCHES

- FM — FLOW METER
- FS — FLOW SWITCH
- FS — FLOW SWITCH/ SENSOR
- PG — PRESSURE GAUGE
- PS — PRESS SWITCH/ SENSOR
- TS — TEMP SWITCH/ SENSOR
- TH — THERMOMETER

PIPING & FITTINGS

- DIRECTION AND FLOW
- PIPE UP - TEE & ELBOW
- PIPE DOWN - TEE & ELBOW
- BJ — BALL JOINT
- CAP OR PLUGGED FITTING
- CO — CLEANOUT
- EJ — EXPANSION JOINT
- FLANGE
- FLEXIBLE CONNECTION
- PETE'S PLUG
- PIPE ANCHOR
- PIPE GUIDE
- POINT OF CONNECTION
- P-TRAP
- REDUCER
- STRAINER
- UNION

DRAINS & CLEANOUTS

- AD — AREA DRAIN
- FCO — FLOOR CLEANOUT
- FD — FLOOR DRAIN
- GCO — GRADE CLEANOUT
- PD — PLANTER DRAIN
- RD — ROOF DRAIN
- OF — OVERFLOW DRAIN
- RR — ROOF RECEPTOR
- FS — FLOOR SINK
- WCO — WALL CLEANOUT

FIRE PROTECTION

- F — FIRE MAIN
- SP — FIRE SPRINKLER
- WSP — WET STANDPIPE

VALVES

- ANGLE OR STOP CHECK VALVE
- BFP — BACKFLOW PREVENTER
- RPBP — REDUCE PRESSURE BACKFLOW PREVENTER
- BV — BALANCING VALVE
- BLV — BALL VALVE
- BFV — BUTTERFLY VALVE
- CHECK VALVE
- CV — CONTROL VALVE, TWO WAY
- CV — CONTROL VALVE, THREE WAY
- GAS COCK
- GV — GATE VALVE
- GLV — GLOBE VALVE
- HB — HOSE BIBB
- NEEDLE VALVE
- PRV — PRESSURE REDUCING VALVE ASSEMBLY
- RELIEF VALVE
- SOLENOID VALVE

DOMESTIC

- C — DOMESTIC COLD WATER
- H — DOMESTIC HOT WATER
- HWR — DOMESTIC HOT WATER RETURN
- G — NATURAL GAS
- L — LEADER (ARCHITECTURAL DOWNSPOUT, SEE ARCH. DWGS.)
- OF — OVERFLOW DRAIN
- SD — STORM DRAIN
- SS — SANITARY SEWER - EXPOSED
- SS — SANITARY SEWER - BELOW FLOOR
- V — VENT
- W — WASTE

INDUSTRIAL

- SHW — SOLAR HOT WATER
- SHWR — SOLAR HOT WATER RETURN

PLUMBING LEGEND

(SOME OF THE ABBREVIATIONS AND SYMBOLS SHOWN MAY NOT BE USED ON THIS PROJECT.)

A(")	COMPRESSED AIR (*PSI WHERE REQUIRED)	EWT	ENTERING WATER PRESSURE
AD	AREA DRAIN	FC	FLEXIBLE CONNECTION
AFF	ABOVE FINISHED FLOOR	FCO	FLOOR CLEANOUT
AP	ACCESS PANEL	FD	FLOOR DRAIN
AV	ACID VENT	FDC	FIRE DEPARTMENT CONNECTION
AVTR	ACID VENT THRU ROOF	FDR	FIRE DAMPER
AW	ACID WASTE	FE	FIRE EXTINGUISHER
BD	BOILER BLOW DOWN	FEC	FIRE EXTINGUISHER CABINET
BF	BOILER FEED	FH	FIRE HYDRANT
BFP	BACKFLOW PREVENTER	FHC	FIRE HOSE CABINET
BFV	BUTTERFLY VALVE	FIN	FINISHED
BHP	BRAKE / BOILER HORSEPOWER	FL	FIRE LINE
BLDG	BUILDING	FLG	FLANGE
BLV	BALL VALVE	FLR	FLOOR
BMS	BUILDING MANAGEMENT SYSTEM	FM	FLOW METER
BT	BATH TUB	FO	FUEL OIL
BV	BALANCING VALVE	FOF	FUEL OIL FILL
BWV	BACKWATER VALVE	FOG	FUEL OIL GAUGE
C	DOMESTIC COLD WATER	FOR	FUEL OIL RETURN
CD	CONDENSATE DRAIN	FOS	FUEL OIL SUPPLY
CF	CHEMICAL FEED	FOV	FUEL OIL VENT
CFF	CAP FOR FUTURE	FPM	FEET PER MINUTE
CFH	CUBIC FEET PER HOUR	FS	FLOW SWITCH
CI	CAST IRON	FSK	FLOOR SINK
CLG	CEILING	FUT	FUTURE
CO	CLEANOUT	GA	GAUGE
CO2	CARBON DIOXIDE	GCO	GRADE CLEANOUT
COND	CONDENSER/CONDENSING/CONDENSATE	GPH	GALLONS PER HOUR
CP	CHROME PLATED	GR	GRADE
CPVC	CHLORINATED POLYVINYL CHLORIDE	GV	GATE VALVE
CRP	CONDENSATE RETURN PUMP	H(")	DOMESTIC HOT WATER (*TEMP)
CS	DOMESTIC COLD WATER (SOFT)	HB	HOSE BIBB
CSK	CLINICAL SINK	HU	HUMIDIFIER
CTE	CONNECT TO EXISTING	HV	HEATING AND VENTILATING
CV	CONTROL VALVE	AC	AIR CONDITIONING
CWR	CONDENSER WATER RETURN	HWR	DOMESTIC HOT WATER RETURN
CWS	CONDENSER WATER SUPPLY	HZ	HERTZ
CWV	COMBINATION WASTE & VENT	ID	INSIDE DIAMETER
DB	DRY BULB TEMPERATURE	IE	INVERT ELEVATION
DE	DEIONIZED WATER	IFS	IN FURRED SPACE
DF	DRINKING FOUNTAIN	IPS	IRON PIPE SIZE
DI	DISTILLED WATER	IRRW	IRRIGATION WATER
DN	DOWN	IW	INDIRECT WASTE
DR	DRAIN	L	RAINWATER
DSP	DRY STANDPIPE	LA	LABORATORY COMPRESSED AIR
DT	DRIP TRAP	LAT	LEAVING AIR TEMPERATURE/LATENT
DWG	DRAWING	LP	LOW PRESSURE
(E)	EXISTING	LPDT	LOW PRESSURE DRIP TRAP
ET	EXPANSION TANK	LPG	LIQUID PETROLEUM GAS

LPR	LOW PRESSURE CD RETURN		
LPS	LOW PRESSURE STEAM		
LV	LAVATORY		
LVG	LEAVING		
LWCO	LOW WATER CUT-OFF		
LWT	LEAVING WATER TEMPERATURE		
MA	MEDICAL COMPRESSED AIR		
MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR		
MFR	MANUFACTURER		
(N)	NEW		
NC	NORMALLY CLOSED		
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION		
NO	NORMALLY OPEN		
NTS	NOT TO SCALE		
NW	NON-POTABLE WATER		
OD	OUTSIDE DIMENSION		
OSY	OUTSIDE STEM AND YOKE		
OV	OUTLET VELOCITY		
PCHS	PRIMARY CHILLED WATER SUPPLY		
PCHR	PRIMARY CHILLED WATER RETURN		
PD	PUMP DISCHAGE/PRESSURE DROP		
PFF	PLUG FOR FUTURE		
PG	PRESSURE GAUGE		
PIV	POST INDICATOR VALVE		
PLBG	PLUMBING		
PR	PUMP RETURN		
PRV	PRESSURE REDUCING VALVE		
PSI	POUNDS PER SQUARE INCH		
PSIG	POUNDS PER SQUARE INCH GAUGE		
PTS	PNEUMATIC TUBE SYSTEM		
PW	PUMP WASTE		
RD	ROOF DRAIN		
RIC	ROUGH IN AND CONNECT		
RIO	ROUGH IN ONLY		
RPBP	REDUCED PRESSURE BACKFLOW PREVENTEN		
RPM	REVOLUTIONS PER MINUTE		
RV	RELIEF VENT/ROOF VENTILATOR		
RVV	RELIEF VALVE VENT		
SD	SIGHT DRAIN		
SH	SHOWER		
SK	SINK		
SM	SHEET METAL		
SP	FIRE SPRINKLER		
SPD	SPRINKLER DRAIN		
ST	STEAM TRAP		
STD	STANDARD	VV	VAPOR VENT
TD	TRENCH DRAIN	W	WASTE
TH	THERMOMETER	WC	WATER CLOSET
V	SANITARY VENT	WCO	WALL CLEANOUT
VTR	VENT THRU ROOF	WT	WEIGHT

DOMESTIC WATER AND DRAINAGE CALCULATIONS

DOMESTIC SUPPLY LOAD CALCULATIONS

2019 CALIFORNIA PLUMBING CODE: APPENDIX A, TABLE A103.1

APARTMENT TYPE	TAGS	1st FLOOR	2nd FLOOR	3rd FLOOR	4th FLOOR	5th FLOOR	ROOF	TOTAL	WATER SUPPLY INFORMATION: WATER SUPPLY SIZE	SYSTEM WSFU / UNIT	TOTAL WSFU / UNIT
STUDIO APT	SBR	1	6	6	6	6	0	25	3/4" C / UNIT	8.5 COLD / 6 HOT	11
1 BEDROOM APT	1BR	0	7	7	7	7	0	28	3/4" C / UNIT	8.5 COLD / 6 HOT	11
2 BEDROOM APT	2BR	2	6	6	6	6	0	26	3/4" C / UNIT	8.5 COLD / 6 HOT	11
3 BEDROOM APT	3BR	1	7	7	7	7	0	29	1" C / UNIT	14.75 COLD / 9.75...	18

APARTMENT FIXTURE LABEL									MIN SUPPLY BRANCH SIZE	WSFU PRIVATE	TOTAL WSFU / FIXTURE	MIN SIZE TRAP	DFU PRIVATE	TOTAL DFU	TOTAL GPM
Bathtub (or Combo Bath/Shower)	BT	5	33	33	33	33	0	137	1/2	4	548	1 1/2	2	274	79.8
Dishwasher, domestic	DW	4	26	26	26	26	0	108	1/2	1.5	162	1 1/2	2	216	68.2
Lavatory	LV	5	33	33	33	33	0	137	1/2	1	137	1 1/2	1	137	52.5
Kitchen, domestic	KS	4	26	26	26	26	0	108	1/2	1.5	162	1 1/2	2	216	68.2
Water Closet, 1.6 GPF Gravity Tank	WC	5	33	33	33	33	0	137	1/2	2.5	342.5	3	3	411	105.5

COMMON AREAS FIXTURE LABEL									MIN SUPPLY BRANCH SIZE (IN)	WSFU PUBLIC	TOTAL WSFU / FIXTURE	MIN SIZE TRAP	DFU PUBLIC	TOTAL DFU	TOTAL GPM
Clothes Washer, domestic	WM	14	0	0	0	0	0	14	1/2	4	56	2	3	42	26
Dishwasher, domestic	DW	1	0	0	0	0	0	1	1/2	1.5	1.5	1 1/2	2	2	2
Floor Drain (2")	FD	3	0	0	0	0	0	3	-	-	-	2	2	6	6
Hose Bibb	HB	1	0	0	0	0	1	2	1/2	2.5	5	-	-	-	-
Hose Bibb, each additional (same branch)	HB	3	0	0	0	0	3	6	1/2	1	6	-	-	-	-
Lavatory	LV	1	0	0	0	0	0	1	1/2	1	1	1 1/2	1	1	1
Kitchen, domestic	KS	1	0	0	0	0	0	1	1/2	1.5	1.5	1 1/2	2	2	2
Service or Mop Basin	MS	1	1	1	1	1	0	5	1/2	3	15	3	3	15	14
Water Closet, 1.6 GPF Flushometer Valve	WC	1	0	0	0	0	0	1	1	5	5	3	4	4	4
										TOTAL BUILDING WSFU:	1,443			1,326	285

PROJECT NUMBER	MIT-002
PROJECT NAME	CIVIC CENTER
LOCATION	Santa Clara, CA
LAST EDITED	3/23/2022
EDITED BY	JT/RJ

TOTAL WATER SUPPLY DEMAND

2019 CALIFORNIA PLUMBING CODE: APPENDIX A

TOTAL WATER DEMAND (WSFU)	1443.00
TOTAL WATER DEMAND - FLUSH VALVE (GPM)	270.00
PIPE MATERIAL	COPPER TYPE L
TOTAL DEVELOPED LENGTH (FEET)	600
TOTAL DEVELOPED HEIGHT (FEET)	100
VELOCITY (FT/S)	7.25
PRESSURE LOSS (PSI/100 FT)	5.81
MAIN PIPE SIZE (INCHES)	4"

SANITARY WASTE DRAINAGE LOAD CALCULATIONS

2019 CALIFORNIA PLUMBING CODE: TABLE 702.1

TOTAL SANITARY WASTE DRAINAGE SIZING

2019 CALIFORNIA PLUMBING CODE: TABLE 703.2

TYPE	WASTE		VENT
ORIENTATION	VERTICAL	HORIZONTAL	VERTICAL / HORIZONTAL
MAIN SANITARY PIPE SIZE	6"	8"	6"
MAX. LENGTH (FT)	510	UNLIMITED	510

FIRE HYDRANT FLOW TEST DATA

APPLICANT INFORMATION (BY APPLICANT)

APPLICANT NAME: Peter Smith	DATE: 7/22/20
APPLICANT COMPANY: Charles W. Davidson Co.	
APPLICANT ADDRESS: 255 W. Julian St Suite 200	
APPLICANT PHONE NO.: 408-316-5567	ALTERNATE PHONE NO.: 408-491-7705
APPLICANT EMAIL: parnith@cwdco.com	

PROJECT INFORMATION (BY APPLICANT)

PROJECT NAME: Civic Center Apartments	
PROJECT ADDRESS: 1601 Civic Center Dr.	
PROJECT DESCRIPTION:	Approximately 119 affordable apartments 5 stories over a podium garage
APN: 224-49-006	BUILDING TYPE (CALIFORNIA BUILDING CODE):
NO. OF HYDRANT(S) TO BE FLOWED: 3	
FLOW HYDRANT (S) NO.: 2043, 429, 1641	STATIC & RESIDUAL HYDRANT (S) NO.: 429

PROJECT MODELING DATA (CITY TO PROVIDE TO APPLICANT)

FLOW HYDRANT (S) NO.: 429	STATIC & RESIDUAL HYDRANT (S) NO.: 1641
RESIDUAL PRESSURE (PSI): 38 AT 5 AM	STATIC PRESSURE (PSI): 46 AT 5 AM
AVAILABLE FLOW AT 20 PSI (GPM):	TEST FLOW (GPM): 2020 FOR 120 MIN.

MITHUN

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SAN FRANCISCO / 600 Market Street, #300 San Francisco, CA 94104 / 415.956.0888

LOS ANGELES / 5857 Adams Blvd Culver City, CA 90232 / 323.937.2150

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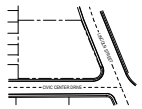
GUTTMANN& BLAEVOET
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2351 Powell Street
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E gbi@gb-eng.com

PROJECT
CIVIC CENTER FAMILY HOUSING

LOCATION
1601 CIVIC CENTER DR. SANTA CLARA, CA 95050

PREPARED FOR
CHARITIES HOUSING

VICINITY MAP



DATE	ISSUE
12.02.2020	PLANNING SUBMITTAL
02.5.2021	100% SCHEMATIC DESIGN
8.23.2021	GPA SUBMITTAL
11.19.2021	50% DESIGN DEVELOPMENT
04.08.2022	GPA RESUBMISSION 1
05.09.2022	100% DESIGN DEVELOPMENT
05.25.2022	GPA RESUBMISSION 2

NO.	DATE	REVISION

DESIGN PARTNER: AP
PROJECT MANAGER: KB / SA
PROJECT ARCHITECT: SA / AK
PROJECT MANAGER:
PROJECT TEAM MEMBERS:
CHECK:

PROJECT COMP. STATUS:

TITLE
LEGEND, SYMBOLS, GENERAL NOTES & DRAWING LIST

PROJECT NO.: **1927400**
DATE: **05/25/2022**

SHEET NUMBER
P0.01
GPA RESUBMISSION 2

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ORIGINAL SHEET SIZE: 30" x 42"

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