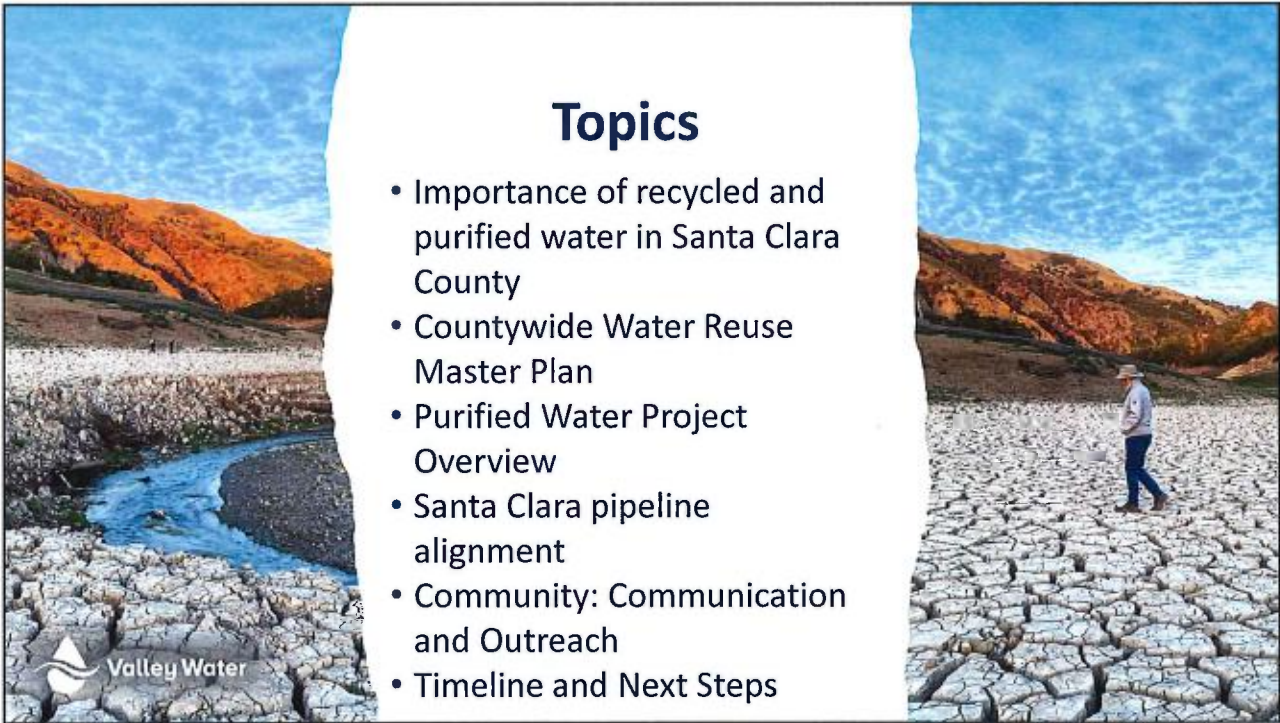
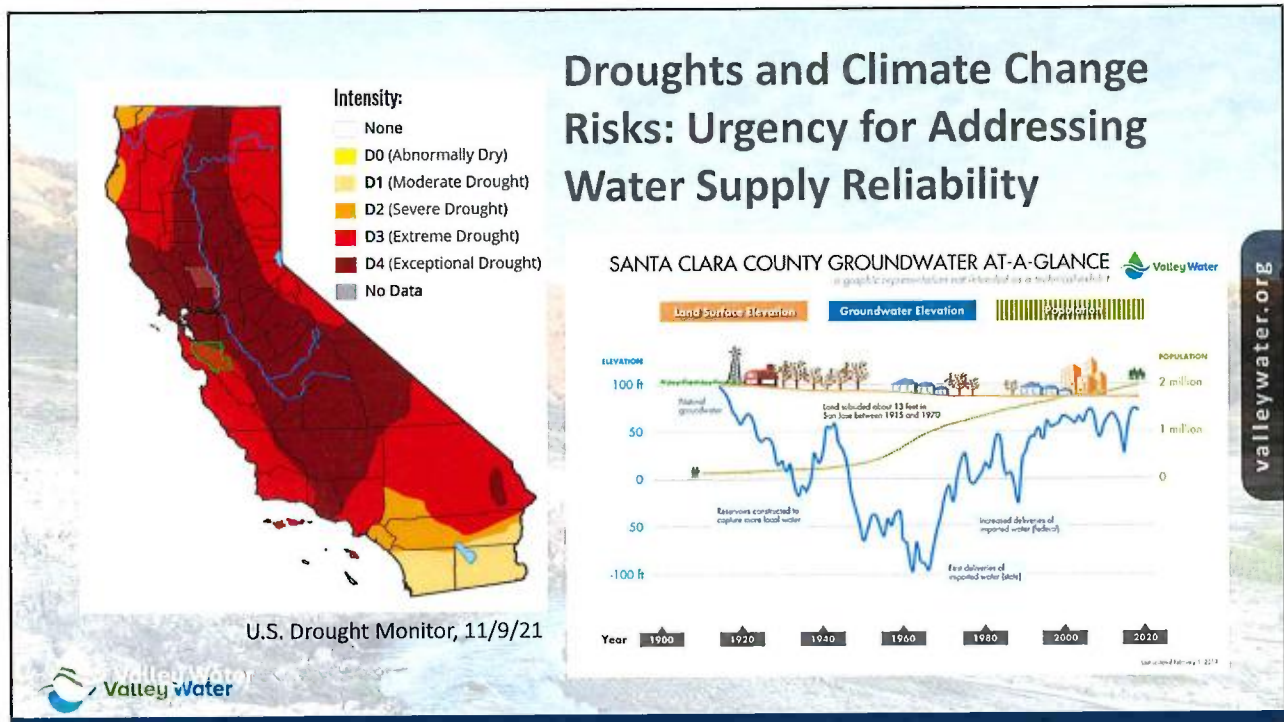




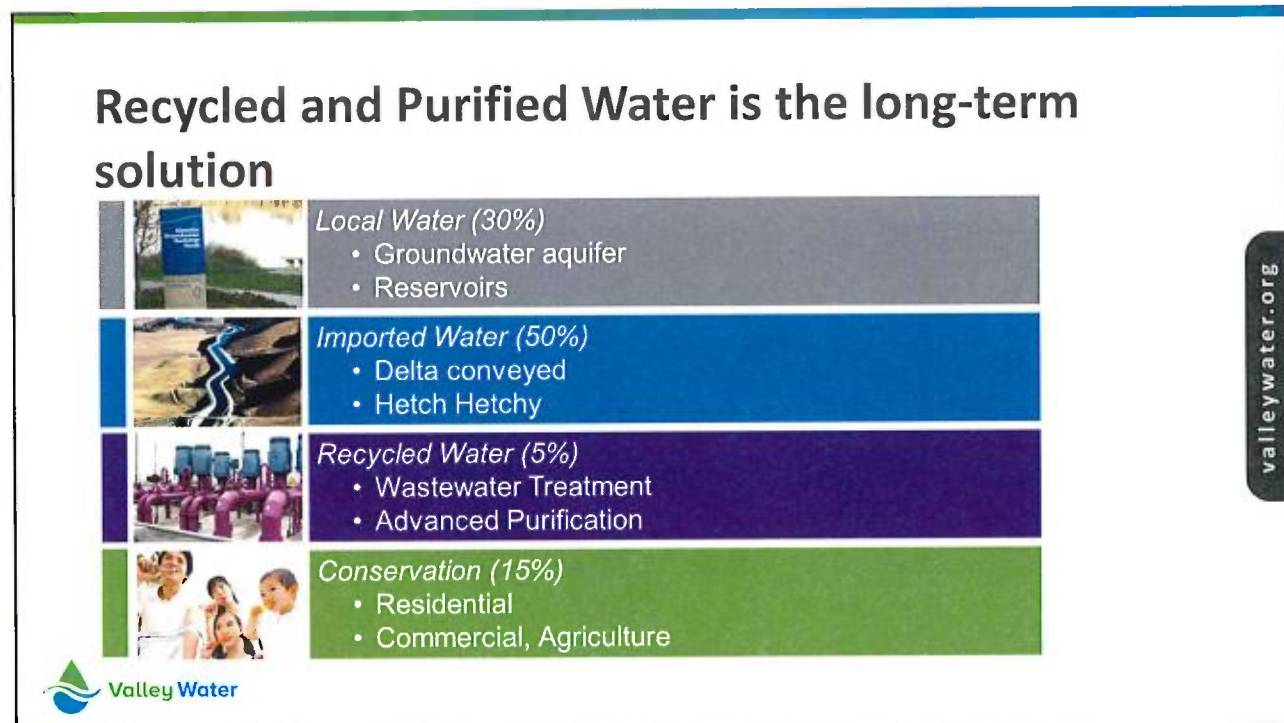
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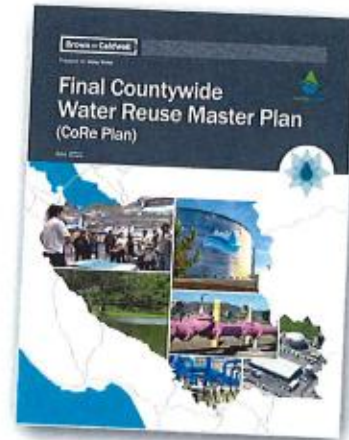
4

Countywide Reuse Master Plan

Identify feasible opportunities for expanding reuse as part of Valley Water's strategy to improve water supply reliability and regional self-reliance

Integrate existing recycled water systems and expand non-potable reuse

Develop purified water systems



5

Partner Agencies



Palo Alto RWQCP

Sunnyvale WPCP

San José/Santa Clara RWF

SCRWA



Palo Alto/Mountain View RWS

Sunnyvale RWS

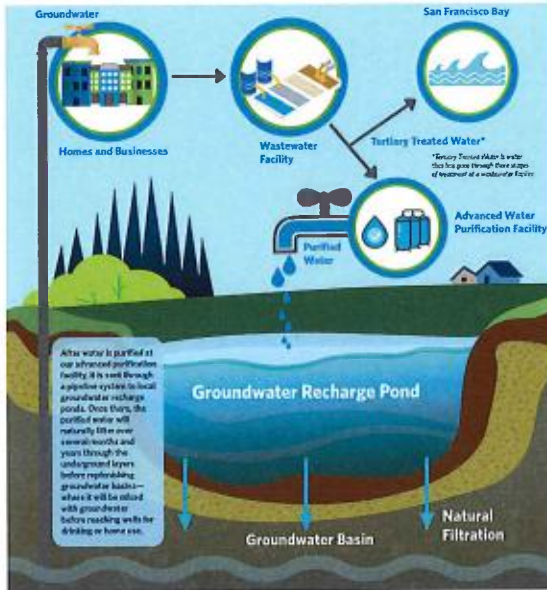
South Bay Water Recycling

South County RWS (Gilroy)



6

Recycled and Purified Water



ADVANCED WATER PURIFICATION PROCESS

HIGHLY TREATED WASTEWATER

This water originally comes from the drains of homes and businesses and is treated three times at a wastewater facility.



#1 MICROFILTRATION



#2 REVERSE OSMOSIS

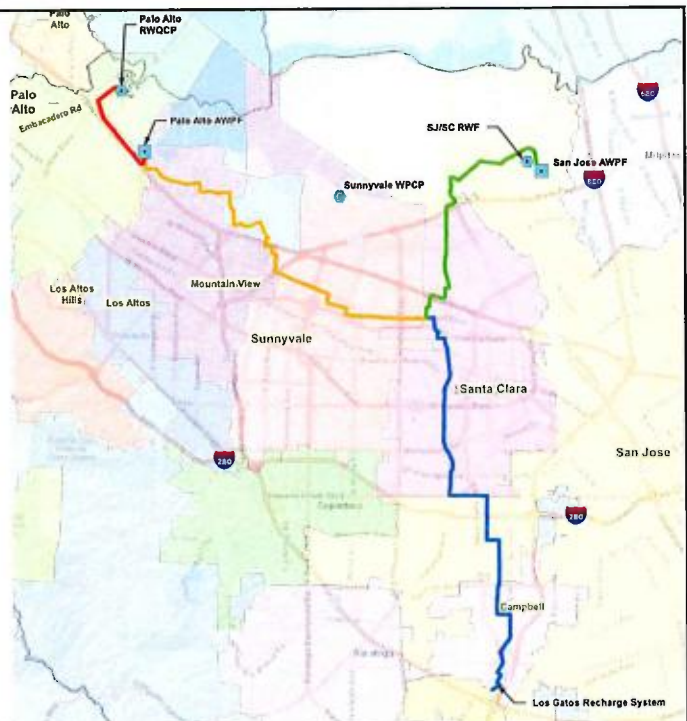
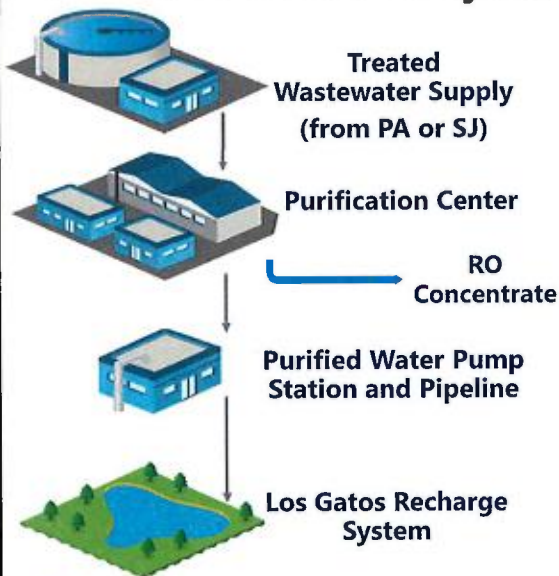


#3 UV LIGHT DISINFECTION AND ADVANCED OXIDATION

valleywater.org

7

Purified Water Project



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Alternative Project Delivery Method

- Using Design-Build-Finance-Operate-Maintain Delivery Method.
A private entity delivers the project, Valley Water retains ownership and partners with the private entity as part of a P3.
- Cost: about \$600M



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Preferred: Bowers-Kiely Alignment

Alignment is 4.9 miles
Total may be 8.5 miles within
City of Santa Clara

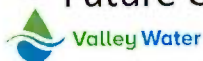
Benefits:
Shortest alignment = faster
construction and less disruption
Minimal environmental impacts
Lower impact to residents



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Community: Communication and Outreach

- Public meetings
- Website and media outreach
- Public education campaign on Purified Water and Conservation
- Tours of the Purification Facility
- Stakeholder outreach
- Project specific/construction
- Continued collaboration with City staff
- Future Council updates



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Timeline

- Winter 2021/22 (December/January): Board decision on project site (Palo Alto/San Jose)
- 2022: Valley Water plans to award the project
- 2024: Private partner completes design and permitting (with defined community benefits)
- 2028: Construction will be completed and water flowing to the Los Gatos Recharge system



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Environmental/Public Review

- EIR Scoping Meeting on March 29, 2021
- Any impacts and mitigations will be identified in the EIR.
- Draft EIR release in early 2022



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QUESTIONS



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Valley Water

Clean Water • Healthy Environment • Flood Protection

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