

Zoom Webinar Instructions

1

Join Computer Audio

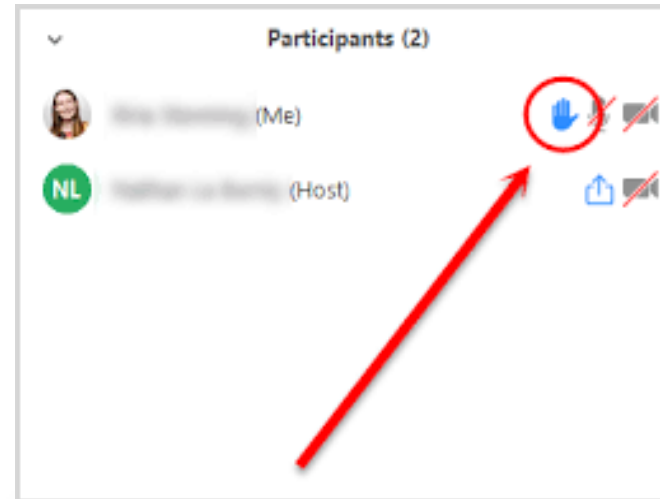


If internet unstable, use Phone Audio

- Check your invite/email for call-in number and meeting ID
- Dial call-in number: **1-669-900-9128**
- Enter webinar ID then #.

Ask a Question

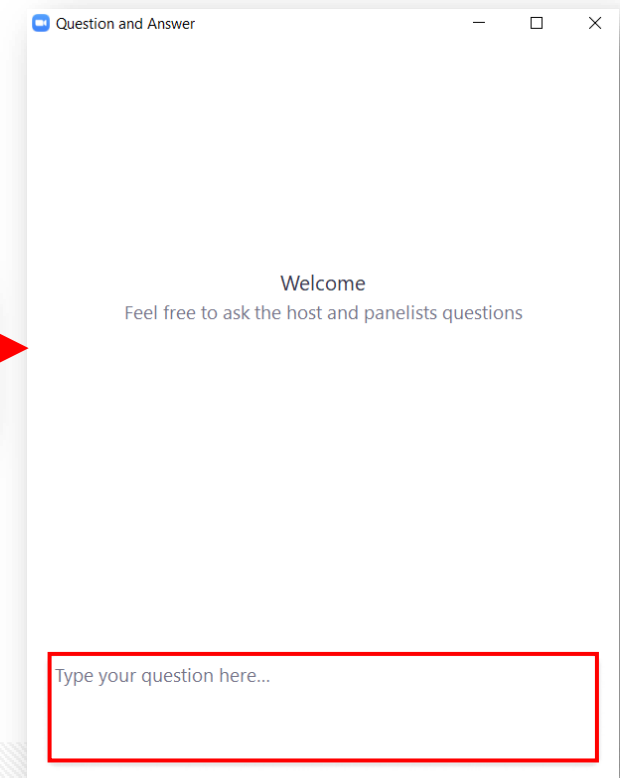
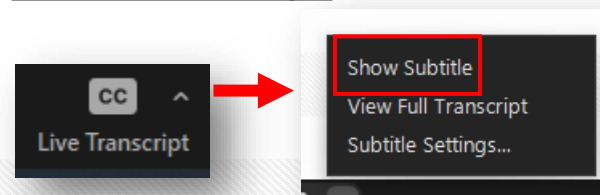
*After we enable your mic,
you have to unmute yourself before
you verbally ask your question.*



*If only on phone:
Press *9 to raise your hand if
Press *6 to mute/unmute yourself.*



Enable Closed Captions/ Live Transcript





Valley Water

Clean Water • Healthy Environment • Flood Protection



Rinconada Water Treatment Plant Reliability Improvement Project

Phases 3-6

Agenda

- Background
- Project Objectives
- Project Phases
- Phases 3-6 Work
- Demolition of Clarifiers
- New Facilities
- Timeline
- Project Information



Background - Rinconada Water Treatment Plant (RWTP)

- Second-largest of Valley Water's Treatment plants
- RWTP was originally constructed in 1967
- Valley Water's sole plant that provides Treated water to the West Valley
(Los Gatos, Saratoga, Los Altos, etc.)



Plant Original Construction

Project Objectives

- Upgrade aging equipment
- Comply with updated seismic codes
- Meet current water quality standards
- Improve plant safety
- Increase water production
- 80 million gallons per day (MGD) to 100 MGD
- Improvement to the reliability of water supply



Raw Water Flow Control and Metering Facility

Overview of Project Phases

Original



Phases 1-2 (Completed)



Phases 3-6 (Current)



Phases 3-6 Work

Phase 3

- Clarifier Demolition
- Surveying
- Potholing
- Traffic Control

Phase 4

- New Ozone Generation Building
- New Liquid Oxygen Facility
- New Dual Media Filters
- Chlorine Contact Basin

Phases 5-6

- Chemical Facilities
- Demolition of Existing Filters
- Demolition of Wash Water Recovery Basin
- Demobilization
- Project Closeout

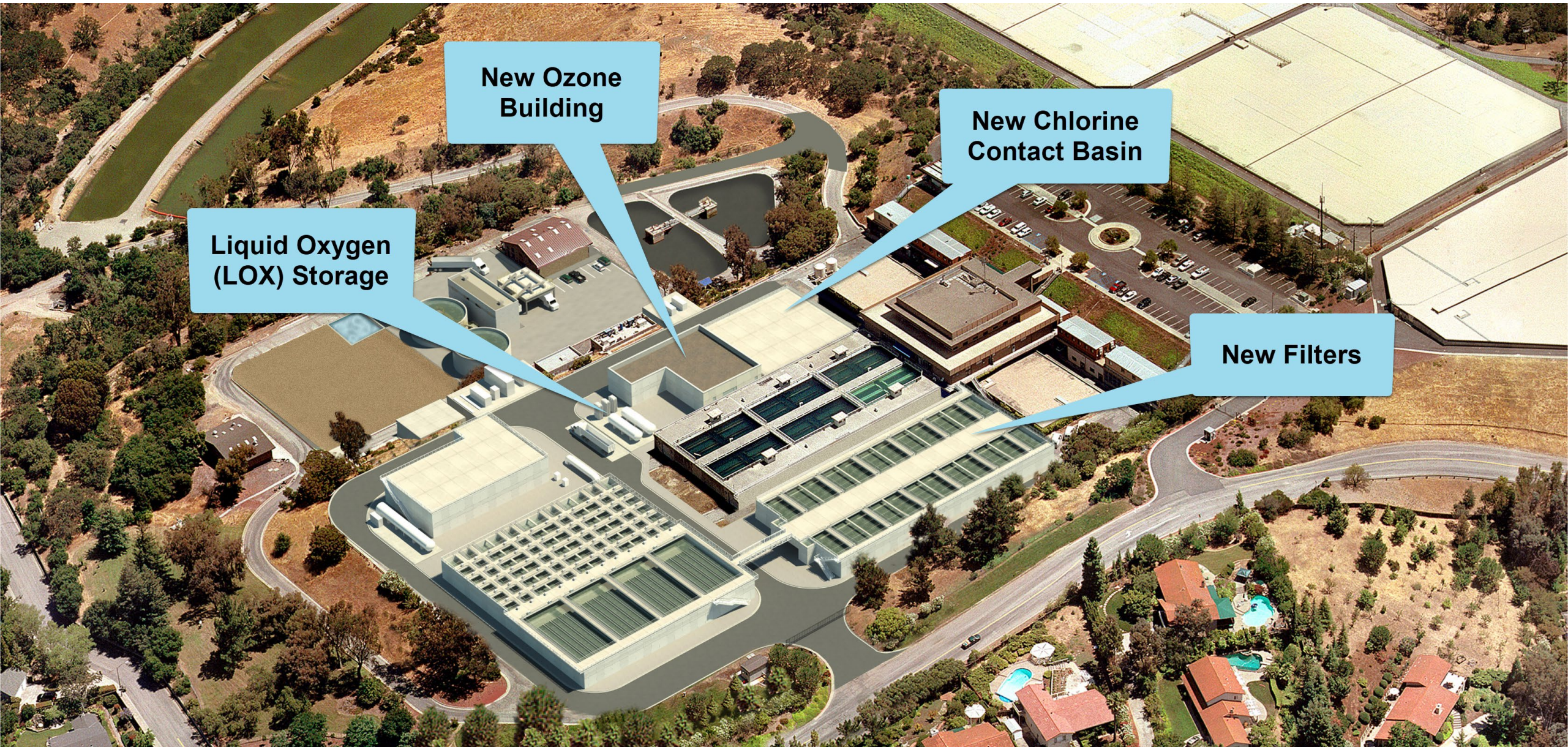
Demolition of Clarifiers (Phase 3)

- Clarifiers, previously used to remove suspended solids are the largest feature at the plant
- Demolition is set to take place mid-March during Phase 3 of the project



Each tank is approximately 20 ft deep and 117 ft square

New Facilities (Phase 4)



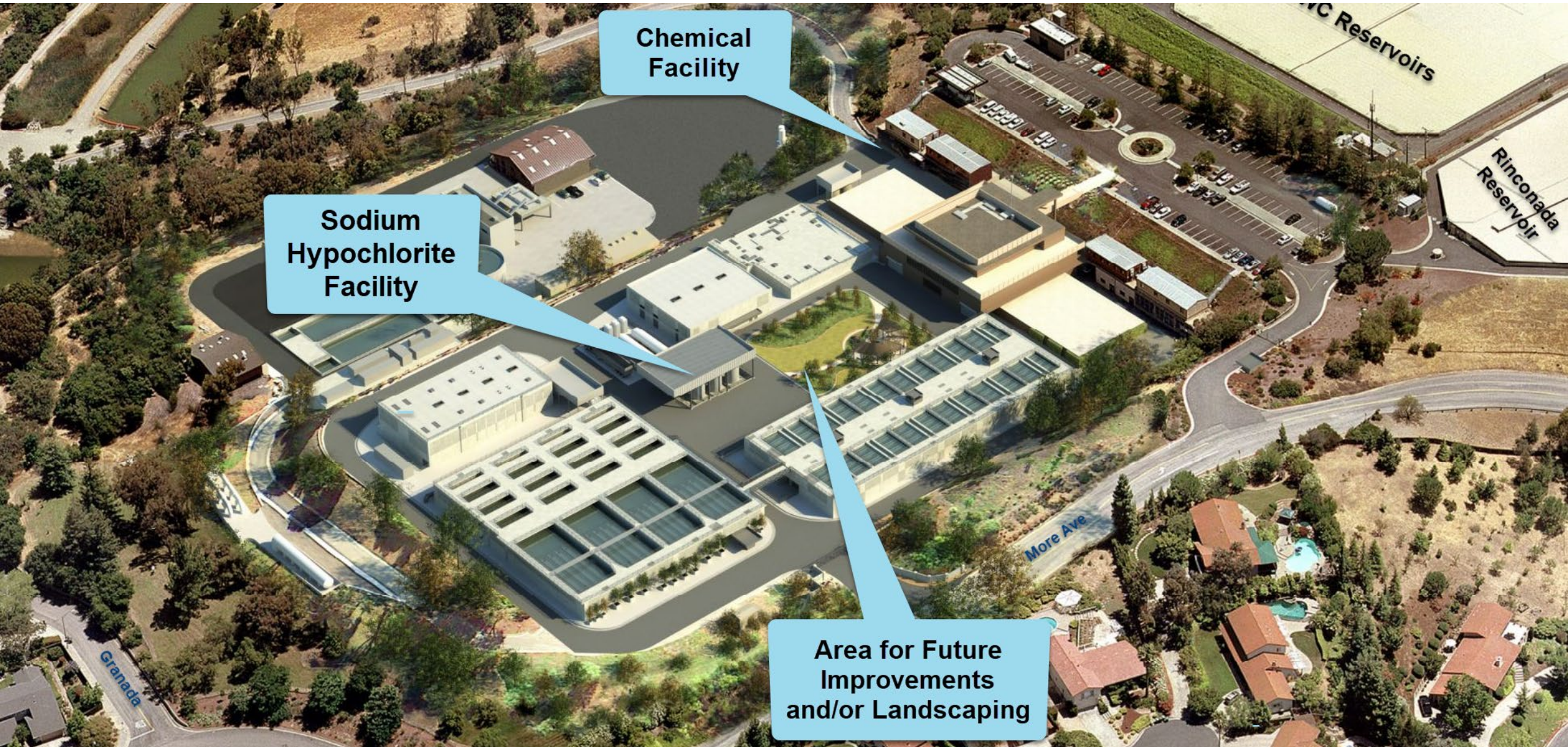
**New Ozone
Building**

**New Chlorine
Contact Basin**

**Liquid Oxygen
(LOX) Storage**

New Filters

New Facilities (Phases 5-6)



Project Timeline (Phases 3-6)



Project Information

Visit Valley Water's website and blog at valleywater.org/project-updates/rinconada-water-treatment-plant-reliability-improvement

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Valley Water

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Rinconada Water Treatment Plant

Reliability Improvement Project Phases 3-6

The Reliability Improvement Project replaces and upgrades all major plant components and allows Valley Water to meet the increasingly stringent standards for water quality, seismic stability and safety. The work will also increase the plant's treatment capacity from 80 million gallons of water a day to 100 million gallons a day.

This project will allow Valley Water to continue to provide safe, clean, drinking water to the west side of Valley Water's service area.

Project cost: \$334 million

Board of Directors

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Barbara Keegan, District 2
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To learn more, scan the QR code
or visit: <https://delivr.com/26apn>

For more information please contact Public Information Representative Tony Mercado at 408-630-2342.

More information on the
Capital Improvement Program
can be found at
<https://delivr.com/26bys>.



CAPITAL IMPROVEMENT PROGRAM

The Capital Improvement Program (CIP) contains Valley Water's capital projects, which includes flood protection, water quality and infrastructure maintenance efforts. Valley Water's annual review of projects for potential placement or removal from our 5-year CIP is underway.

You're encouraged to participate in our process and share your feedback regarding which projects should be prioritized by Valley Water.



More information on the
Water Supply Master Plan
can be found at

<https://delivr.com/2st85>.



For any questions please
contact Jing Wu at
jwu@valleywater.org.

WATER SUPPLY MASTER PLAN 2050



The Water Supply Master Plan is Valley Water's guiding document for long-term water supply investments to ensure water supply reliability for Santa Clara County. Updated about every five years, this long-range plan assesses future countywide demands and evaluates and recommends water supply and infrastructure projects to meet those demands to achieve Valley Water's level of service goal through the planning horizon. The Water Supply Master Plan 2050 extends the planning horizon to 2050. Once developed, the plan will detail Valley Water's investment strategies to provide a safe, clean, and reliable water supply for Santa Clara County.