



# Coyote Percolation Dam Replacement Project

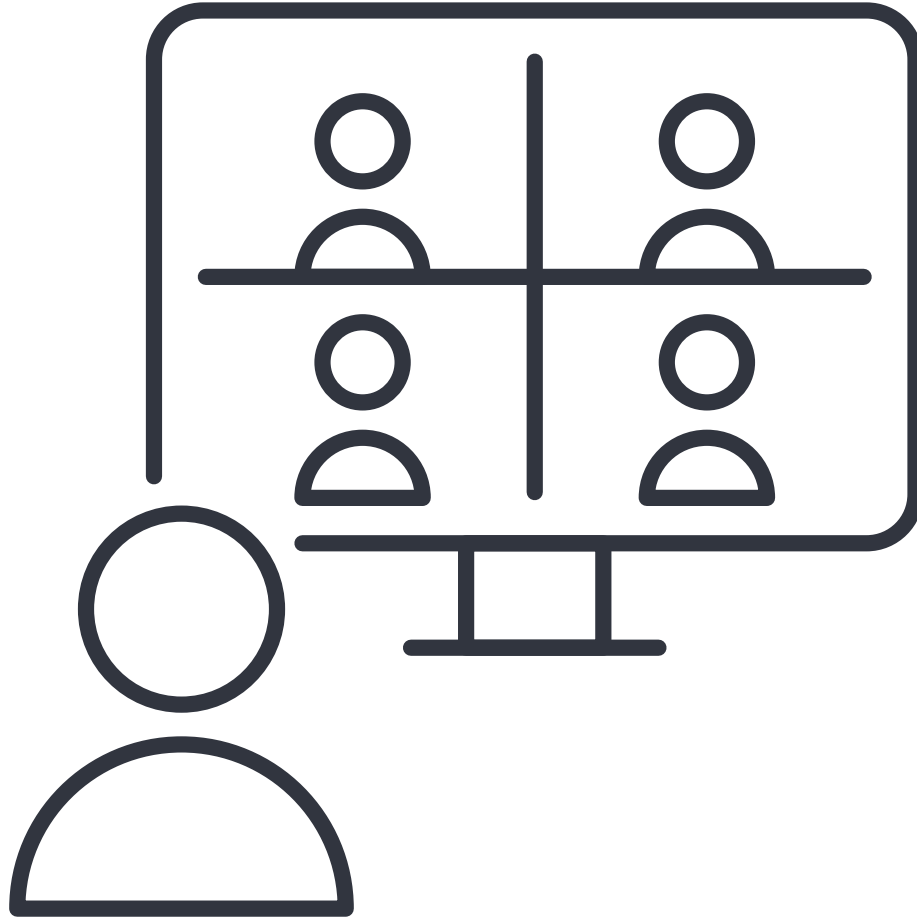
Project Status Public Meeting

October 19, 2022



# WEBINAR LINKS

2



**Zoom link:**

<https://valleywater.zoom.us/j/83492444073>



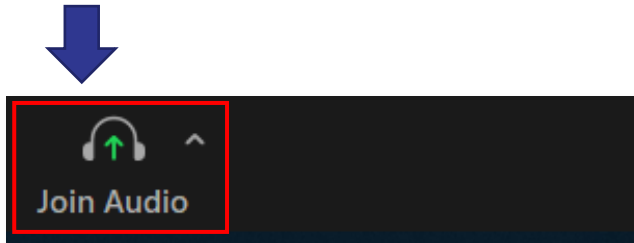
**Facebook link:**

<https://www.facebook.com/SCVWD/>

# ZOOM WEBINAR INSTRUCTIONS

3

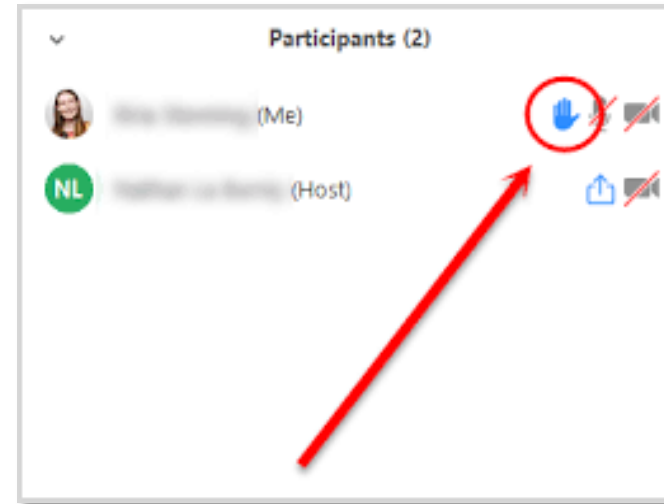
## Join Computer Audio



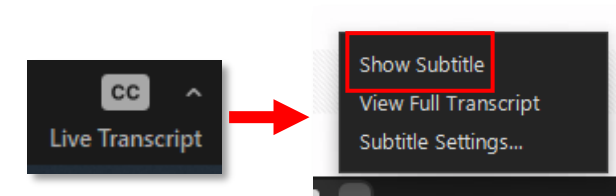
## If internet unstable, use Phone Audio

- Check your letter for call-in number and meeting ID: 8349 2444073
- Dial call-in number: +1 669 900 9128 or +1 669 444 9171
- Enter webinar ID then #

## Ask a Question

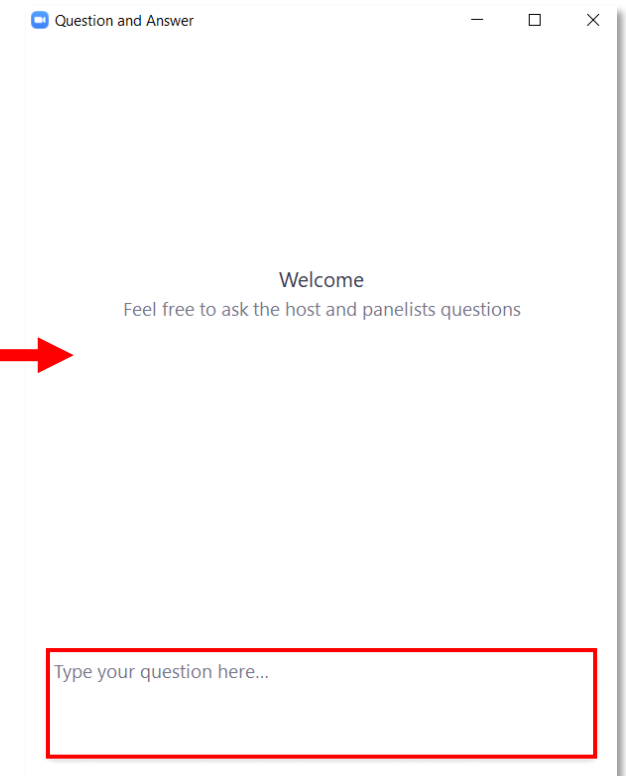


## Enable Closed Captions/ Live Transcript



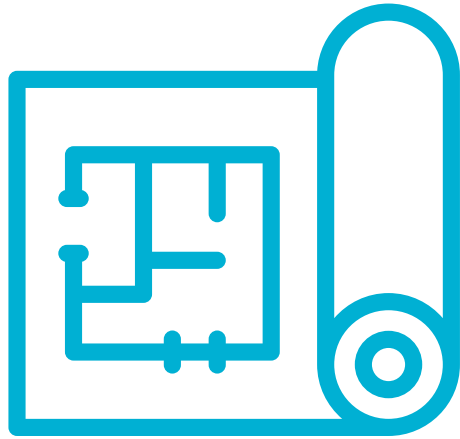
*After we enable your mic,  
you have to **unmute** yourself before  
you verbally ask your question.*

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

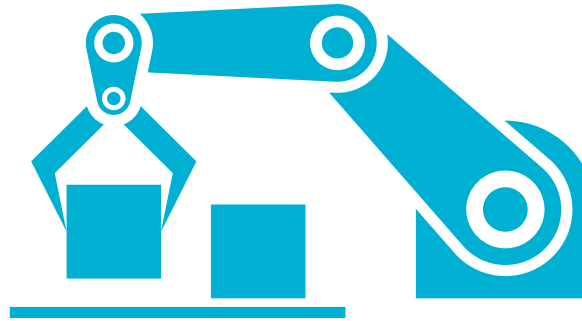


# PURPOSE OF TONIGHT'S MEETING

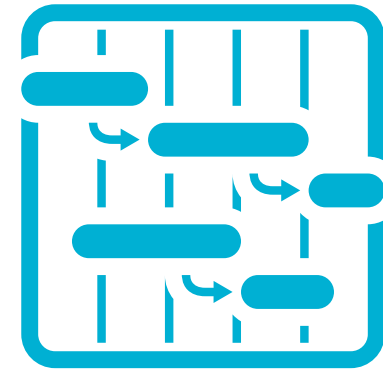
4



**DESCRIBE  
THE PROJECT**



**EXPLAIN THE  
PROJECT ELEMENTS**



**PROVIDE THE  
PROJECT SCHEDULE**





## MEETING AGENDA

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- About Valley Water
- Project Objectives and Background
- Project Elements
- Schedule
- Neighborhood communications
- Questions?

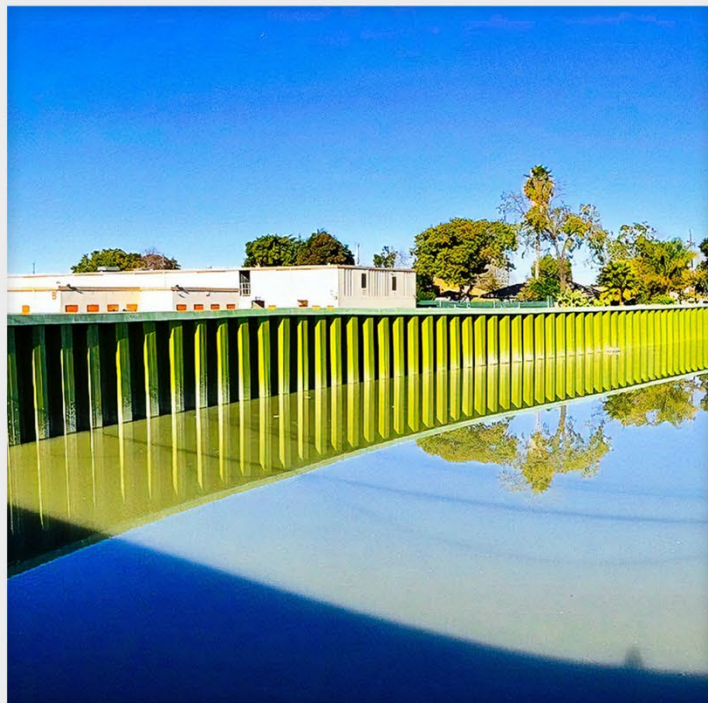




# Valley Water provides:



**CLEAN, RELIABLE WATER**



**FLOOD PROTECTION**



**HEALTHY CREEKS  
AND ECOSYSTEMS**



Valley Water



# BY THE NUMBERS



**2,000,000**  
people



**15**  
cities



**12**  
water  
retailers



**4,700**  
direct  
well owners



**MAP OF  
PROJECT SITE**



**Coyote  
Percolation  
Dam**

**Basking Ridge  
Conservation Area**



**Coyote Creek**

**Metcalf Park**

**Monterey Rd**

**US  
101**

**US  
101**

**Santa Teresa Blvd**

**Tulare Hill  
Ecological Preserve**





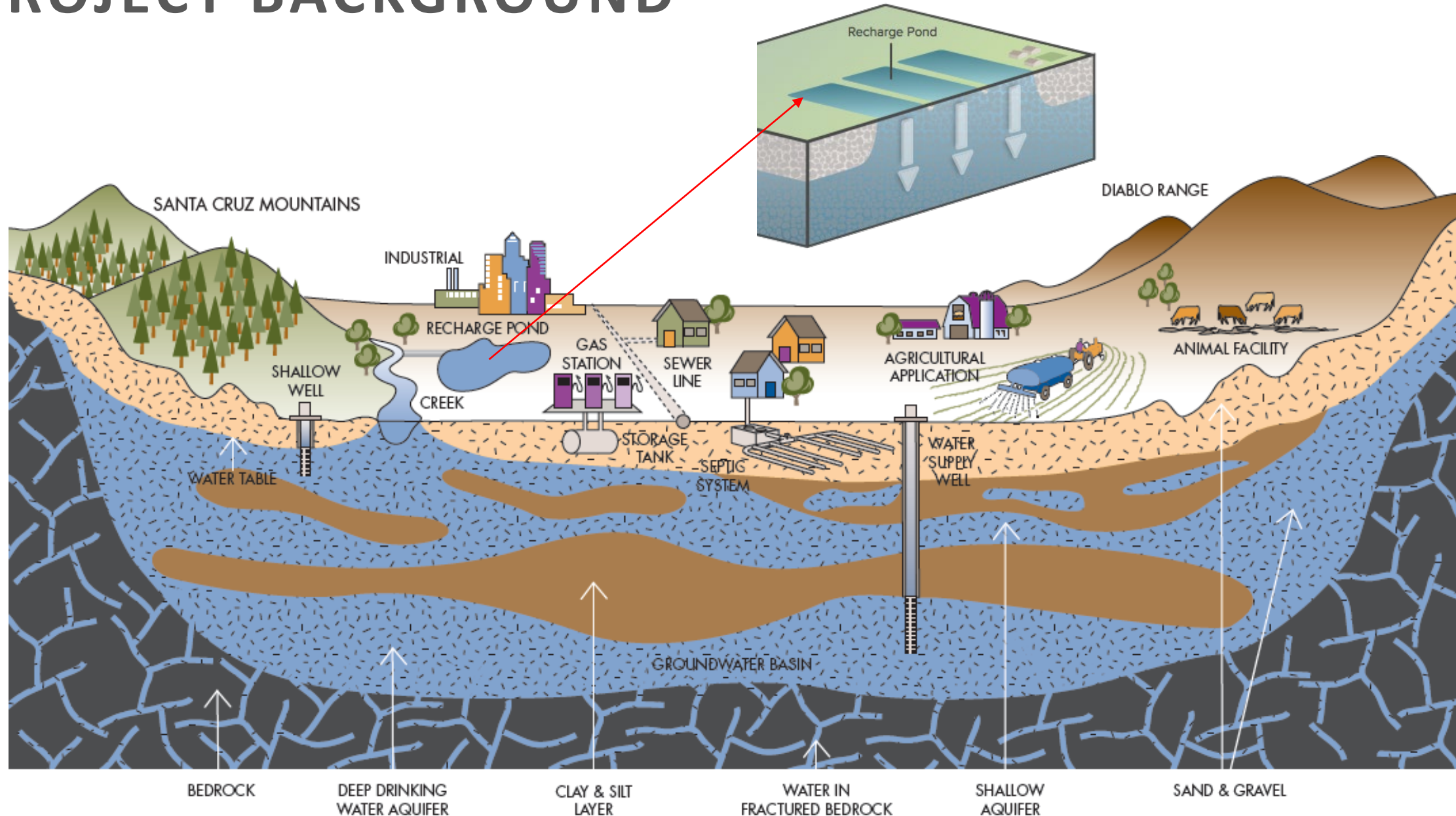
# PROJECT BACKGROUND

- Flashboard dam originally built in 1938
- During low flow in Coyote Creek, the dam impounds water for groundwater recharge
- Dam is removed before high flow in Coyote Creek
- After new outlet tunnel is built at Anderson Dam, higher flows are expected



# PROJECT BACKGROUND

10





# PROJECT OBJECTIVES

- Minimize the impacts to groundwater basin recharge associated with Anderson Dam project
- Improve fish passage when dam is lowered
- Improve efficiency of operations for the dam and fish ladder
- Complete project when the Anderson Dam Tunnel is built in 2024





# PROJECT ELEMENTS

- Replace steel flashboard dam with inflatable rubber dam
  - Rubber dam can inflate and deflate in about 45 minutes
  - Steel flashboards take about 1-2 weeks to remove and reinstall
- Replace dam foundation to accommodate inflatable rubber dam
- Replace existing fish ladder stationary weirs with newer adjustable weirs
- New fish lane for improved fish passage over dam
- New control building for operation of rubber dam





# PROJECT ELEMENTS



Coyote Creek

Fish Lane

Inflatable Rubber Dam

PG&E Improvements

New Electrical Power Line

New Weirs in Fish Ladder

Coyote Creek Trail

Control Building

Forsum Rd

FORSUM CT



# REPLACE STEEL DAM WITH RUBBER DAM

14



Current Steel Dam



Rubber Dam



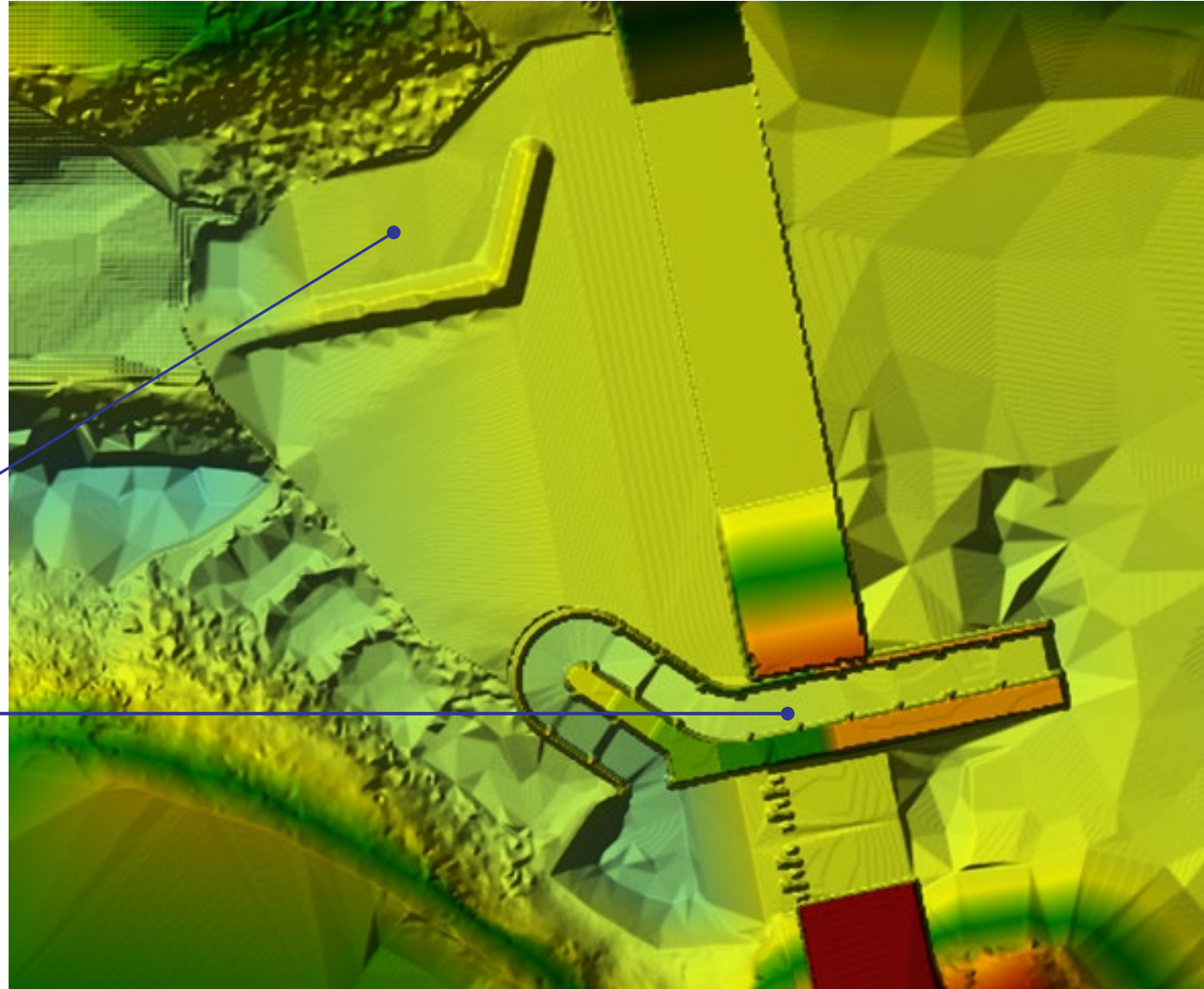
# FISH LANE

15

- Improves fish passage while the rubber dam is lowered
- Water in fish lane will flow slower and deeper than current site

Fish Lane

Fish Ladder





# FISH LADDER



Fish can pass through fish ladder when dam is raised

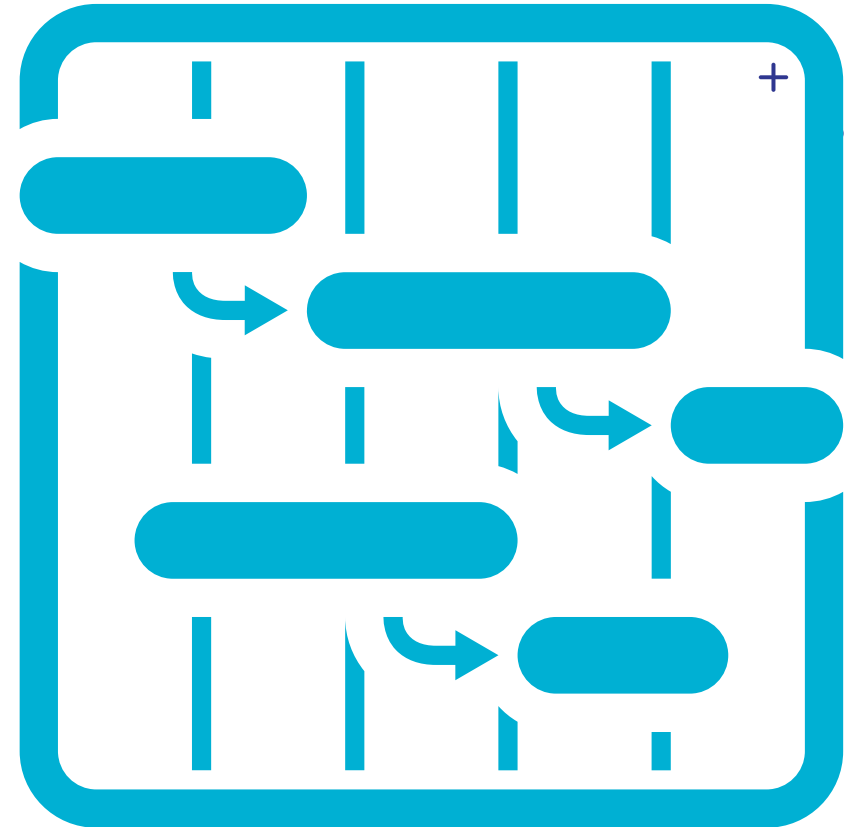


New fish weirs can be removed and adjusted easier



# SCHEDULE

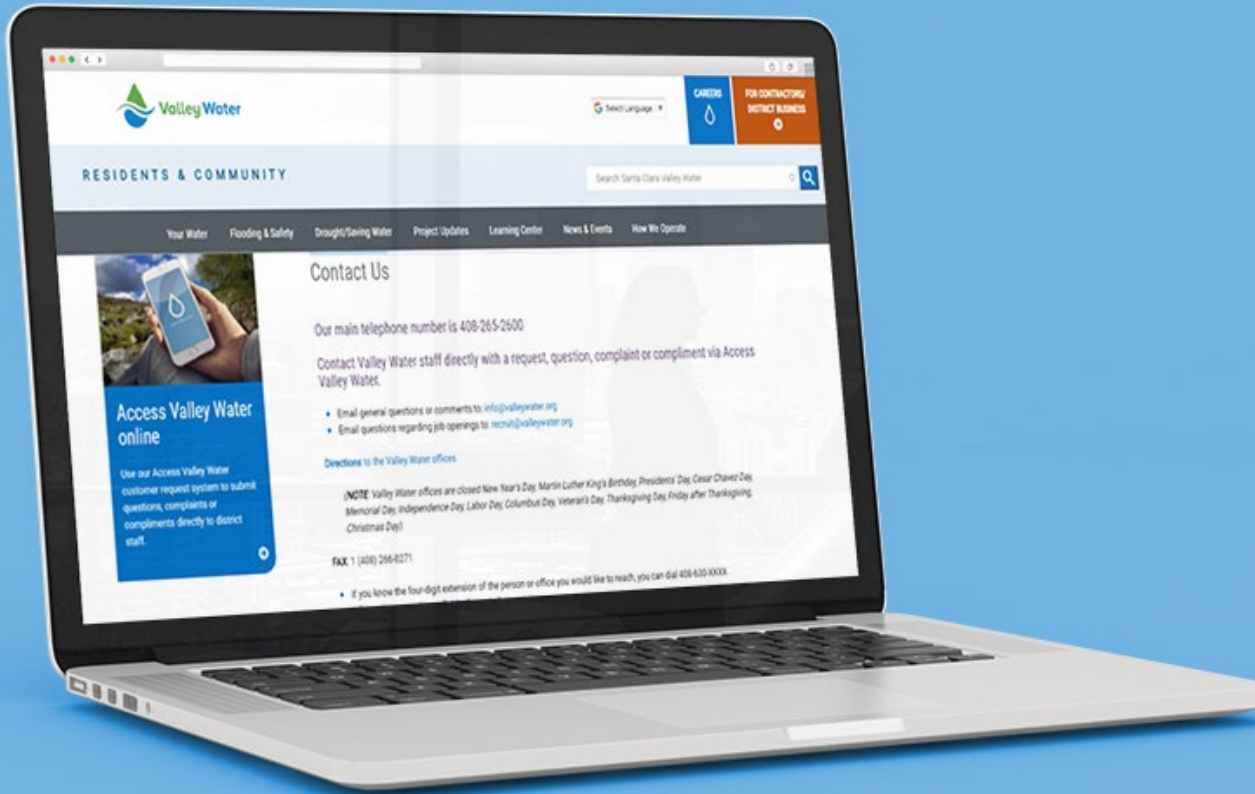
- Complete design – December 2022
- Award construction contract – April 2023
- Pre-construction public meeting – April 2023
- Begin construction work – May 2023
- Complete construction – May 30, 2024





# NEIGHBORHOOD COMMUNICATIONS

18



Direct contacts:  
**Karl Neuman and Tony Mercado**



Periodic project updates  
(direct mail and social media)



Project sign with QR Code



Post-construction survey



Access Valley Water (online  
customer service system)

# HOW TO REACH US

19



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**Tony Mercado**

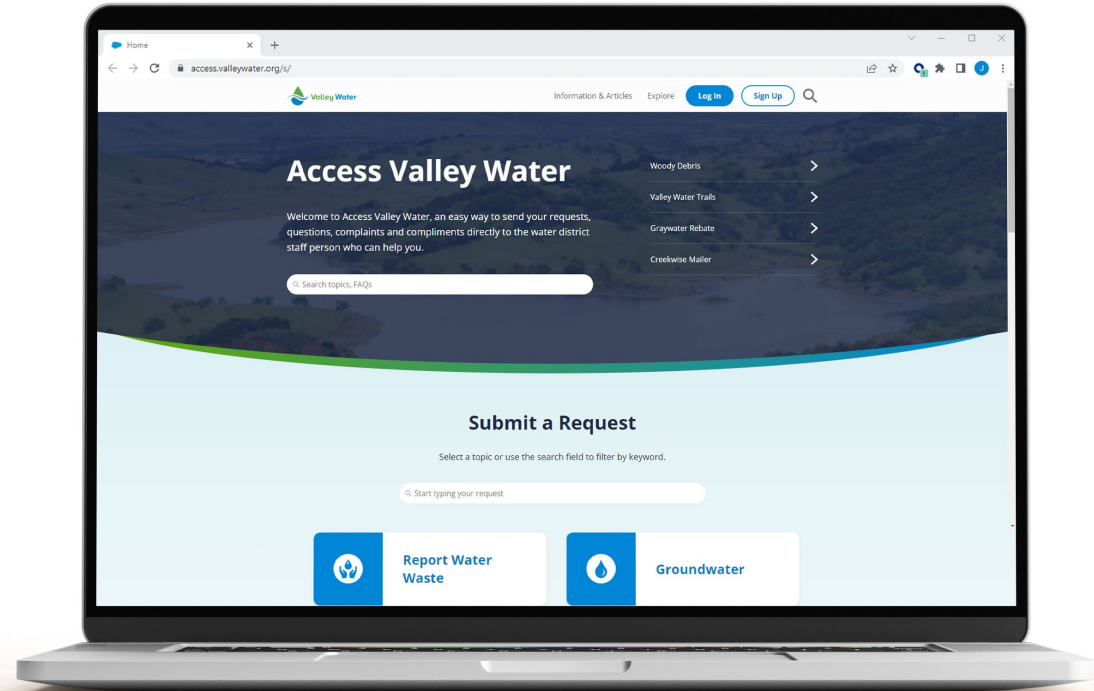
Valley Water

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**[Access.valleywater.org](https://access.valleywater.org)**

lets you reach us directly from your computer.





# QUESTIONS & ANSWERS





# Valley Water

Clean Water • Healthy Environment • Flood Protection