Valley Water

Clean Water • Healthy Environment • Flood Protection

Thank you for joining us.
We will be starting our meeting shortly.

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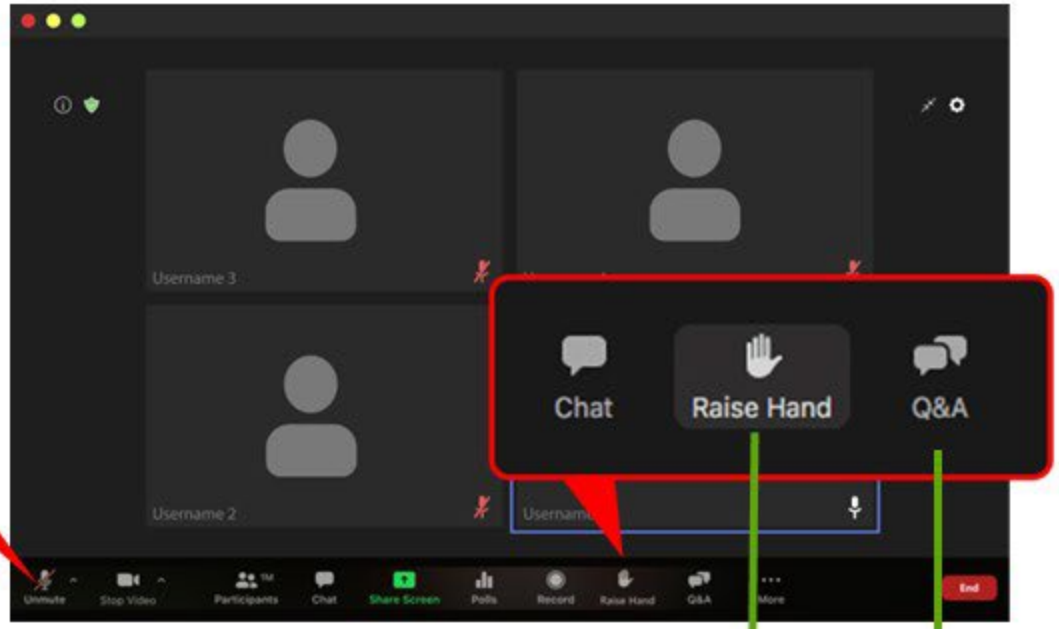

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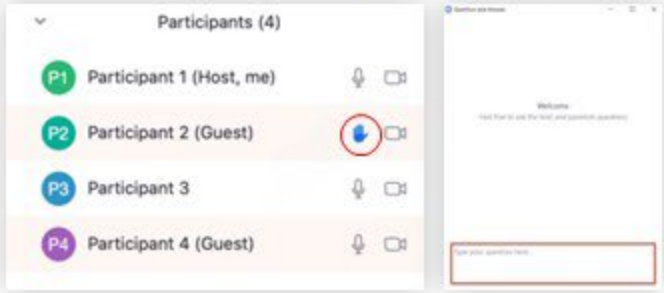

ASK A QUESTION

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

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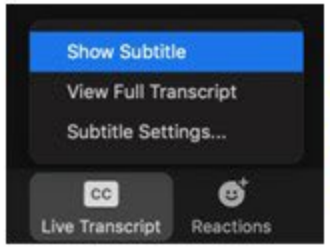
- Press *9 to **raise your hand.**
- Press *6 to **mute/unmute** yourself.



ENABLE CLOSED CAPTIONS/LIVE TRANSCRIPT

Anderson Dam Seismic Retrofit Project

Final Environmental Impact Report - Public Meeting

Thursday, February 20, 2025

Valley Water

Agenda

- Project Schedule
- Background
- Tunnel Project Construction Update
- Project Overview
- Environmental Impact Report (EIR) Process
- Next Steps

ADSRP

- Seismic retrofit of dam embankment
- Construction of new higher capacity outlet tunnel and outlet works
- Replacement of concrete spillway and raising wall height 7-feet to safely discharge large storm flows
- Increase dam crest height 9-feet

Conservation Measures

FOCP

Anderson Dam Federal Energy Regulatory Commission (FERC) Order Compliance Projects

Anderson Dam Tunnel

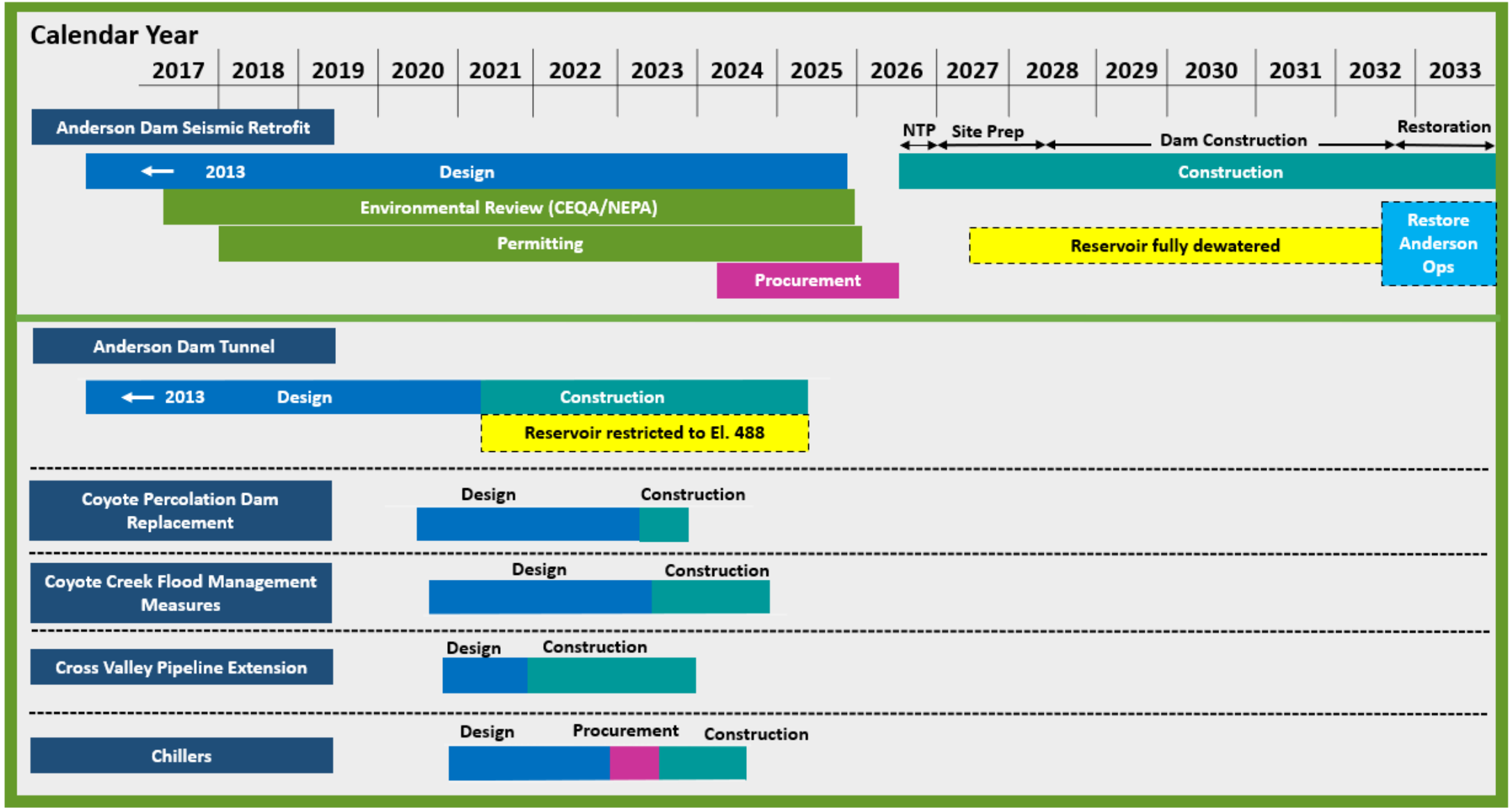
Coyote Creek Flood Management Measures

Coyote Percolation Dam Replacement

Cross Valley Pipeline Extension

Coyote Creek Stream Augmentation Fish Protection Measure

Program Schedule

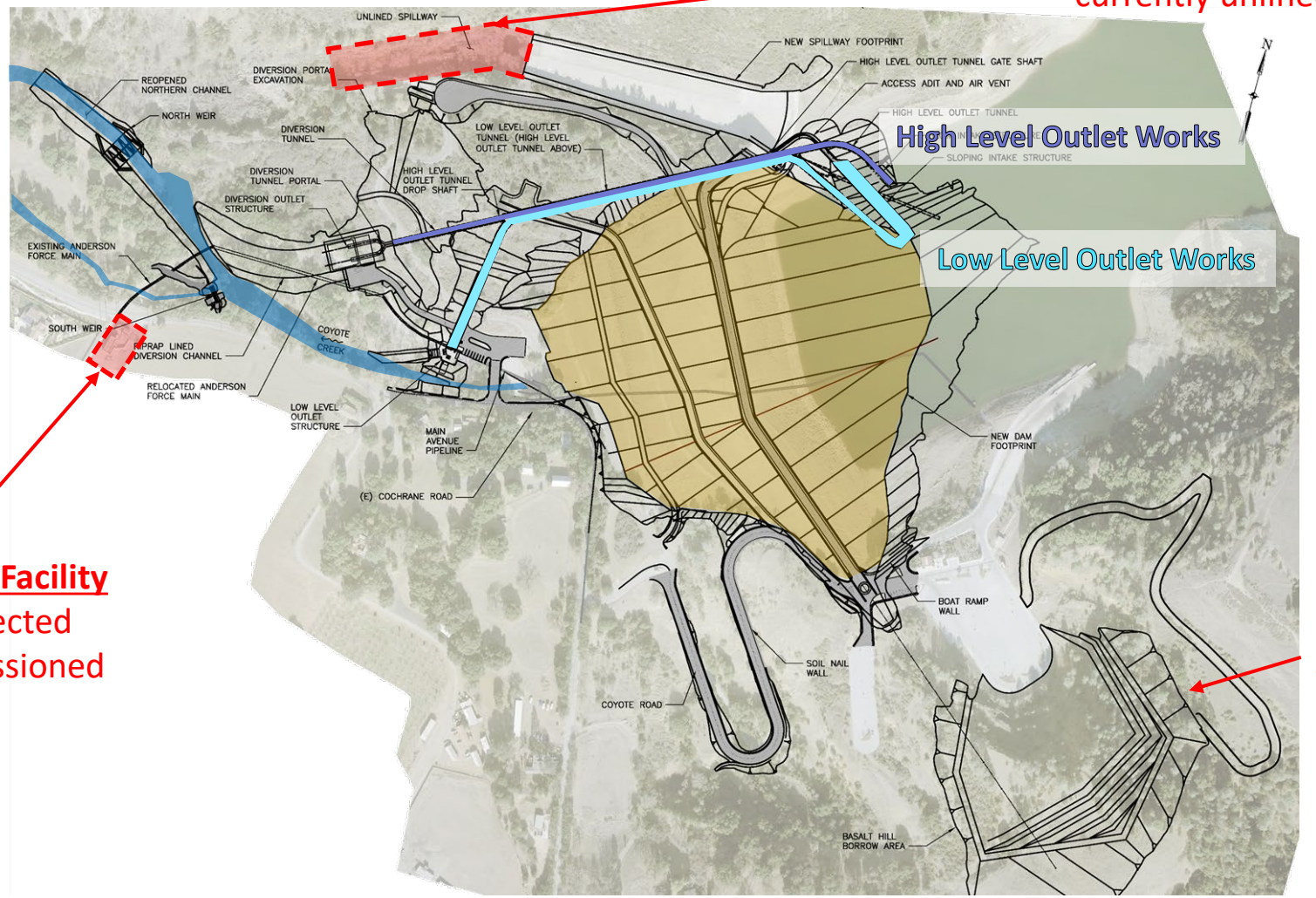


Anderson Dam Seismic Retrofit Project

Unlined Spillway
Extension of concrete over currently unlined channel

Coyote Creek
North Channel

South Channel



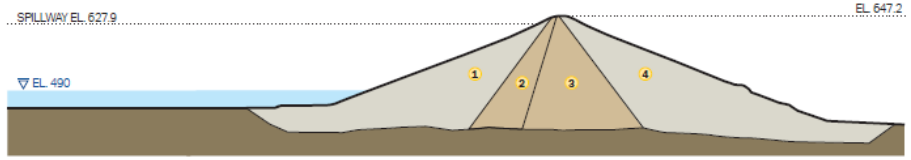
Hydroelectric Facility
to be disconnected and decommissioned

Basalt Hill Borrow Area
Existing stockpile and future borrow area

Anderson Dam Seismic Retrofit Project - Sequence

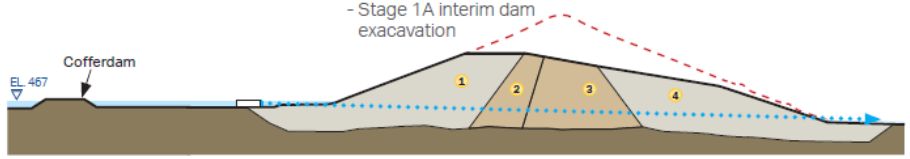
Construction Season - Year 1 - Existing Dam

Summer Control of Water:	Construction:	Winter Control of Water:
- Stage 1 diversion completed (ADTP); water level lowered to 490' - Water level partial draw down to 465' and then 450'	- Site preparation *(haul roads, stockpile areas, dredging, Stage 2 Diversion construction)*	- Existing Outlet Works and Stage 1 Diversion - Water raised to 490'



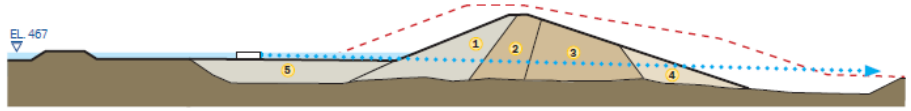
Construction Season - Year 2 - Stage 1A Interim Dam

Summer Control of Water:	Construction:	Winter Control of Water:
- Bypass pumping	- Cofferdam construction - Stage 2 Diversion construction - Stage 1A interim dam exacavation	- Stage 2 Diversion



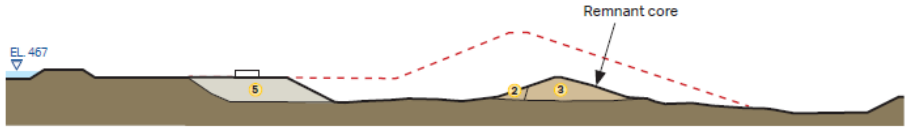
Construction Season - Year 3 - Stage 1B Interim Dam

Summer Control of Water:	Construction:	Winter Control of Water:
- Stage 2 Diversion	- Stage 1B interim dam excavation	- Stage 2 Diversion



Construction Season - Year 4 - Stage 2A Interim Dam

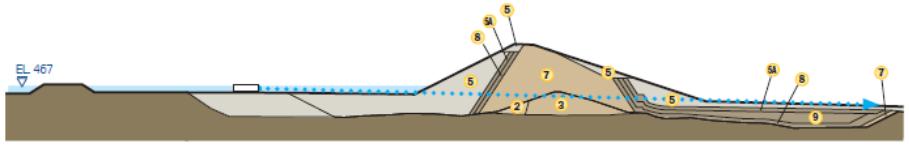
Summer Control of Water:	Construction:
- Stage 2 Diversion	- Stage 2A interim dam excavation



Previous stage dam surface | Diversion | 1 Existing Upstream Shell | 2 Existing Finer Core | 3 Existing Coarser Core | 4 Existing Downstream Shell | 5 Shell

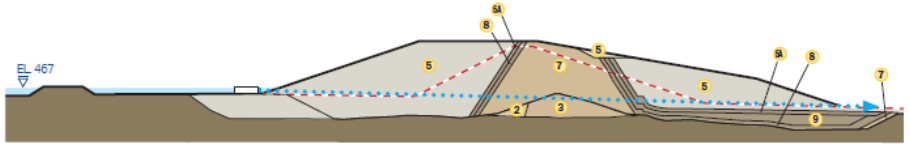
Construction Season - Year 4 - Stage 2B Interim Dam

Summer Control of Water:	Construction:	Winter Control of Water:
- Stage 2 Diversion	- Stage 2B embankment fill	- Stage 2 Diversion



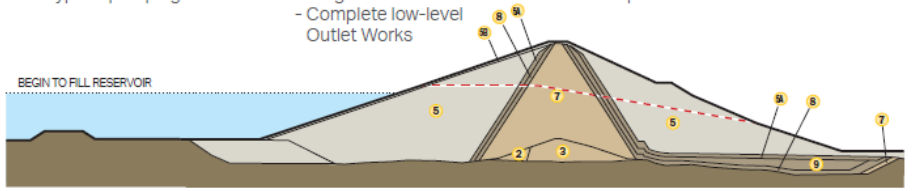
Construction Season - Year 5 - Stage 3A Interim Dam

Summer Control of Water:	Construction:	Winter Control of Water:
- Stage 2 Diversion	- Stage 3A embankment fill	- Stage 2 Diversion

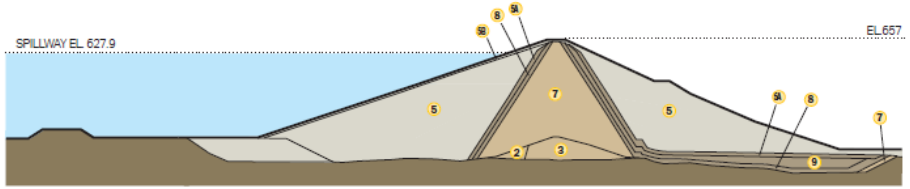


Construction Season - Year 6 - Stage 3B Interim Dam

Summer Control of Water:	Construction:	Winter Control of Water:
- Bypass pumping	- Stage 3B embankment fill - Complete low-level Outlet Works	- Completed Outlet Works



Construction Season - Year 7 and Beyond - Replacement Dam



Previous stage dam surface | Diversion | 2 Existing Finer Core | 3 Existing Coarser Core | 5 Shell | 5A Transition | 5B Oversize Shell | 7 Core | 8 Filter | 9 Drain

ADSRP – Construction Staging and Roads

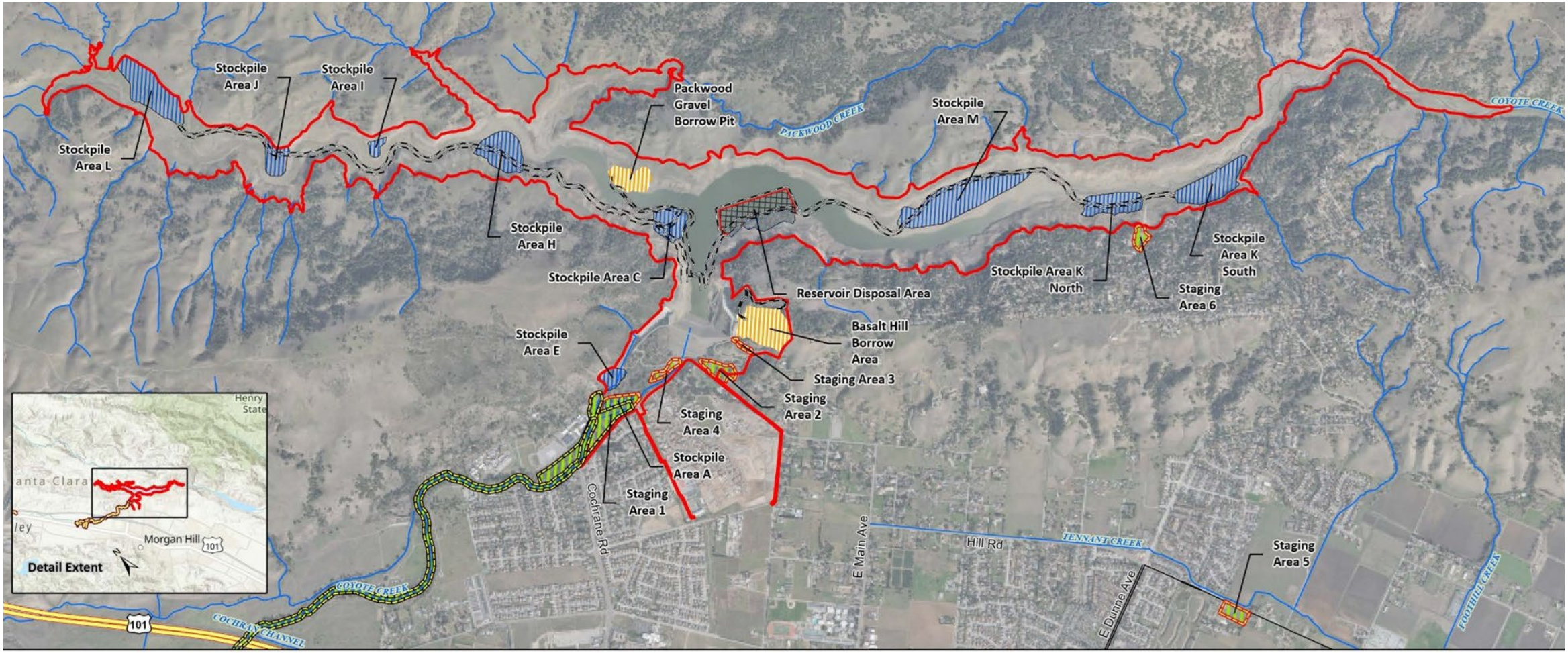
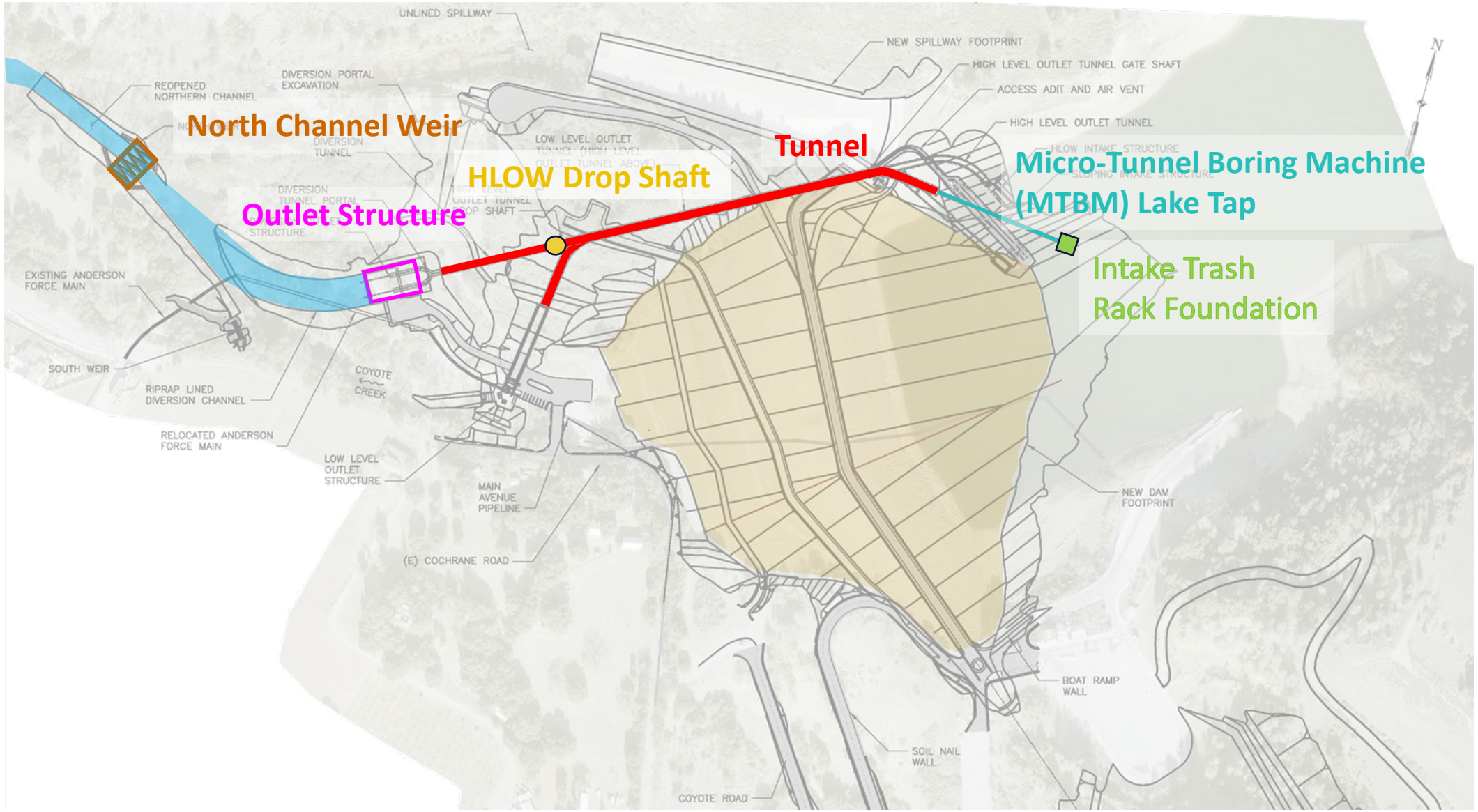


Figure 2-4
Staging and Stockpiling Areas,
Haul and Access Roads in Reservoir

Data Source: Santa Clara Valley Water District 2022, Santa Clara County Open GIS Data 2022.

Anderson Dam Tunnel Project – in construction



ADTP Progress

Beginning of site grading at the tunnel portal

September 2021

November 2024

Tunnel

HLOW Drop Shaft

Outlet Structure

North Channel Weir

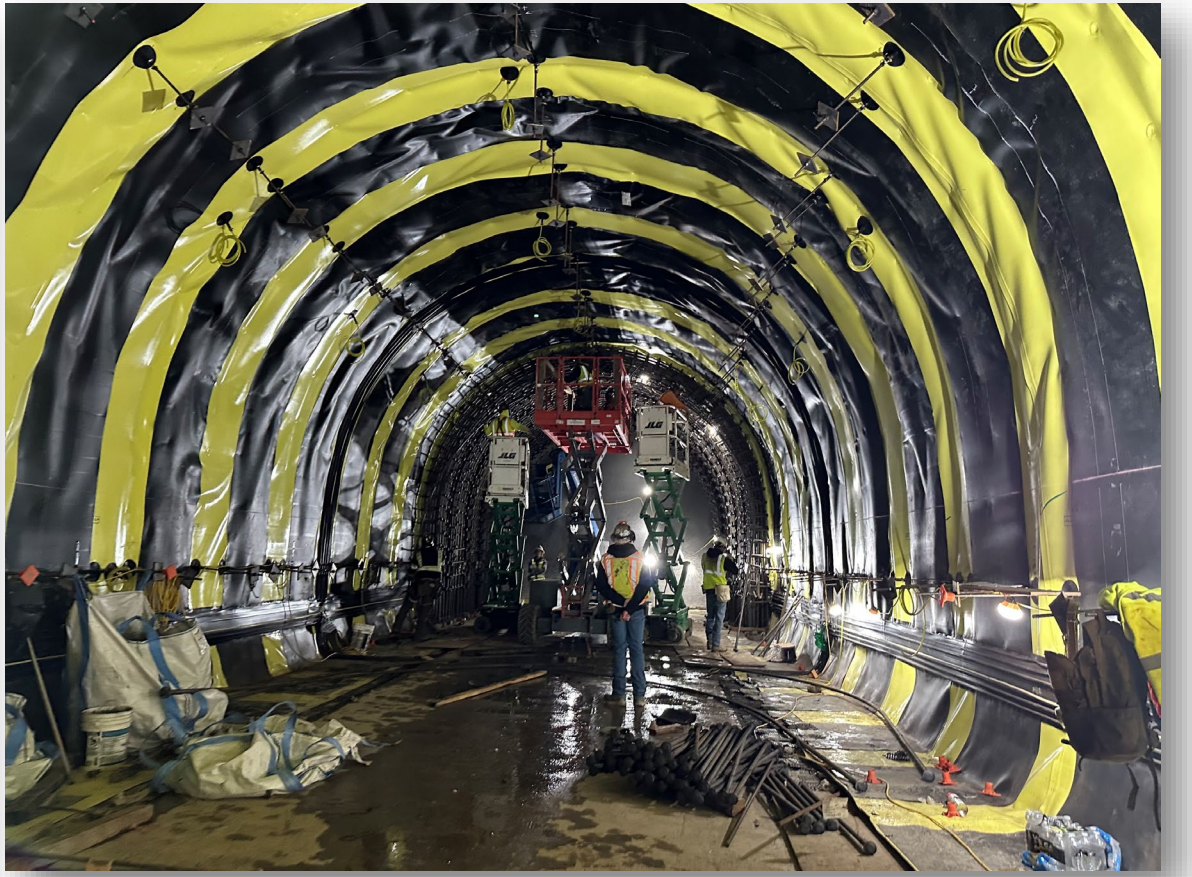
ADTP – Lake Tap with MTBM

Lake Tap intake trash rack

October 2024 – MTBM Retrieval

Structural Tunnel Lining – Articulating Segments

April 2024
Completed tunnel excavation and initial lining



January 2025
Waterproof membrane inside the tunnel

North Channel Lining – imported rock

July 2024
Placing rock in the North Channel

November 2024
Diversion Outlet Structure

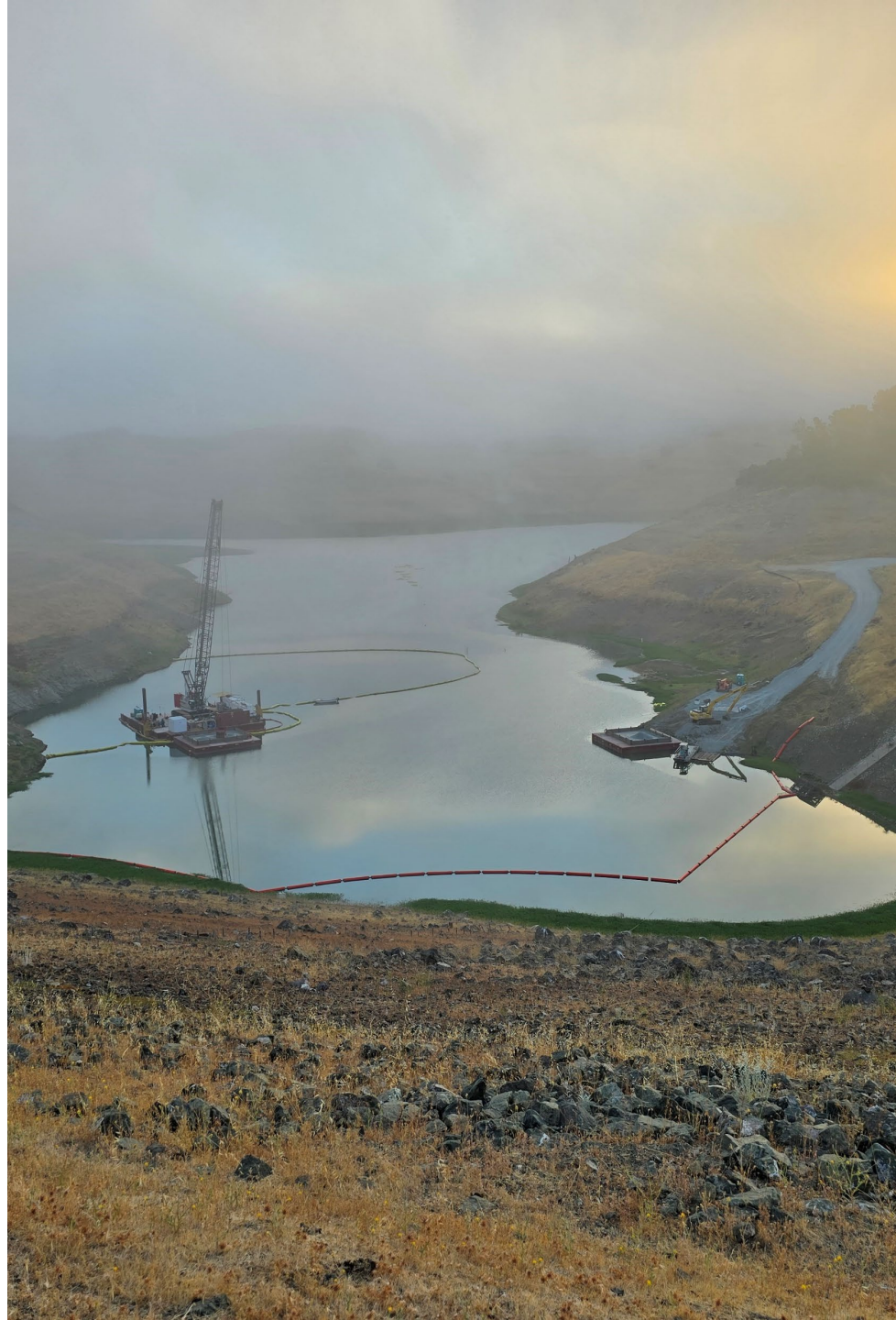
ADSRP Restoration- Anderson Reservoir & Dam

- Dam safety standards
- Reliable local water supply
- FAHCE Operations
- Boating, fishing, hiking
- Improved entrance and parking area

Final EIR Overview

- Purpose: Seismically retrofit the dam, improve operational efficiency by decommissioning the hydroelectric facility, and minimize environmental effects through conservation measures.
- Benefits: Public safety, operational flexibility, environmental flows, restored recreation
- Project Components

1. Seismic Retrofit	2. Conservation Measures
3. Post-Construction Anderson Dam Facilities Operations and Maintenance	4. Post-Construction Conservation Measures Operation and Maintenance
5. Construction Monitoring	6. Post-Construction Project and FAHCE Adaptive Management



Project Location

ADSRP EIR Process and Related Milestones

2009	Project initiated and Valley Water initiated voluntary reservoir restriction
2013	Notice of Preparation of Draft EIR
2013 to 2020	Design plans prepared
2020	FERC ordered Valley Water to implement interim risk reduction measures
2020 to 2023	Updated design plans prepared
Sept. 2023	Draft EIR released for public review
Aug. 2024	Partially Recirculated Draft EIR released for public review
Jan./Feb. 2025	Final EIR released; Board of Directors consideration for EIR Certification and Project Approval

Final EIR

- Purpose of Final EIR
- Contents of Final EIR
  - Responses to public and agency comments
  - Changes or refinements made since the Draft EIR
  - Updated impact analysis (where applicable)
- Navigating the Final EIR
  - Vol. 1: Project Description, Environmental Setting and Impact Analysis, Alternatives
  - Vol. 2: Responses to Public Comments
  - Vol. 3: Appendices

Responses to Public Comments

- Refer to Final EIR Chapter 7 (Responses to Comments on Draft EIR) and Chapter 8 (Responses to Comments on Partially Recirculated Draft EIR)
- 8 Master Responses

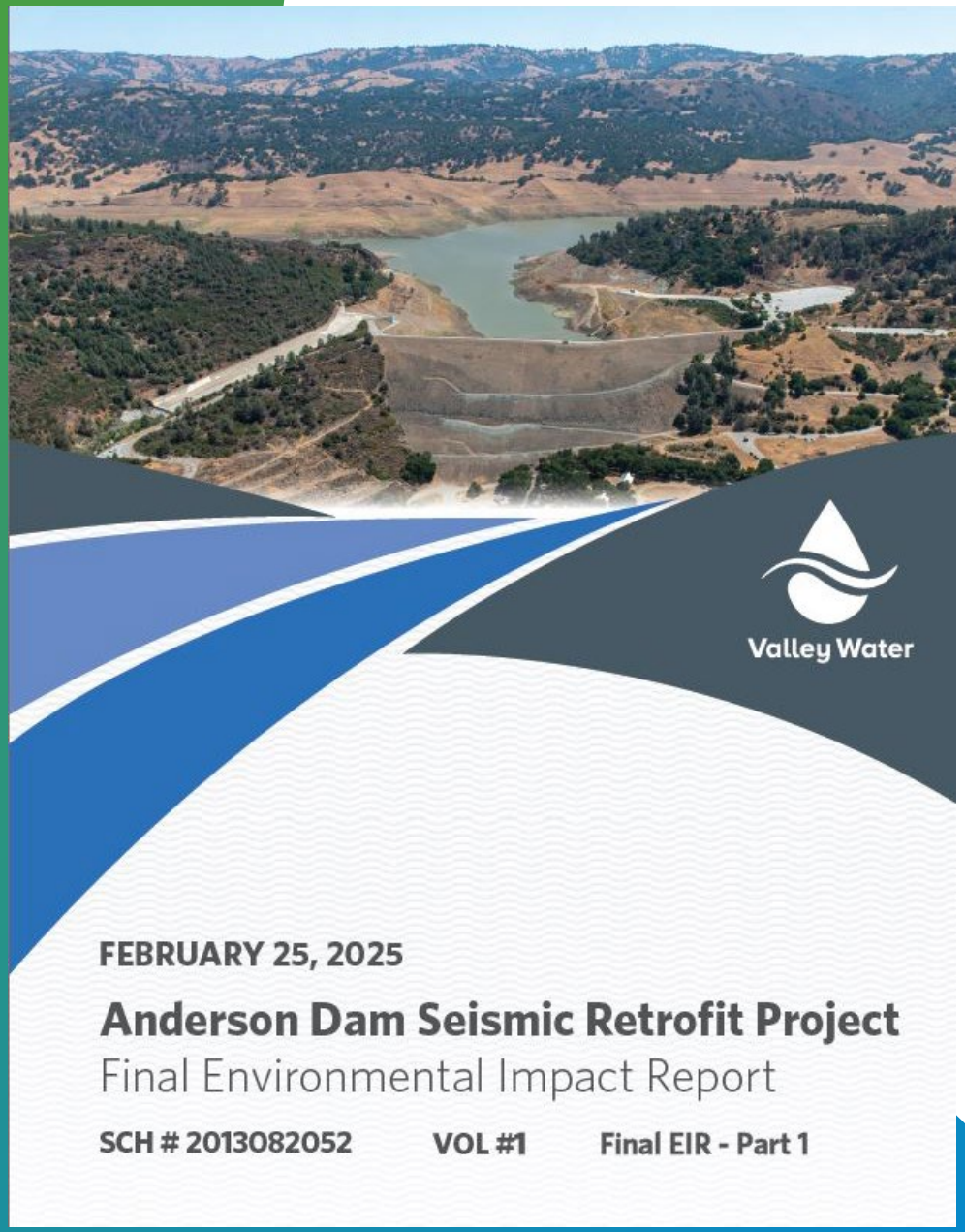
1. Alternative Designs for Ogier Ponds	5. Feral Pig Presence
2. Steelhead Impacts	6. Adequacy of EIR Baselines
3. Valley Habitat Plan Reduction of Impacts	7. Wildfire Risks
4. Rosendin Park Area Closures	8. Health Risk Assessment for Holiday Lake Estates

Key Project Description Changes

- Construction Start Date Delayed (duration unchanged)
- Refinements to number of Seismic Retrofit construction haul trips
- Reductions in temporary trail closures in Rosendin Park
- Conservation Measures changes

Key Impact Analysis Refinements

- Air Quality/Greenhouse Gases
- Water Quality
- Noise
- Wildfire
- Feral Pigs



Next Steps

- For comments on the Final EIR or the Project:
  - In Person: please submit a comment card to share your input.
  - Zoom Meeting: please use the Q&A function to submit comments.
  - The Board will be accepting public comments now through the public hearing on the EIR and Project.
- Upcoming Board of Directors Meeting:
  - Tuesday, February 25, 2025, at 1 PM at Valley Water HQ
  - Comments received will be considered by the Board of Directors.
  - The Board will consider Certification of the Final EIR and Approval of the Project.

Questions?

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.