



# Anderson Dam Federal Energy Regulatory Commission Order Compliance Project (FOCP)

Christopher Hakes, Deputy Operating Officer

# Anderson Dam Federal Energy Regulatory Commission Order Compliance Project (FOCP) Board Actions - June 23, 2020

- Conduct Public Hearing on Engineer's Report and CEQA Exemption Determination
- Close Public Hearing
- Consider CEQA Exemption Determination
- Approve the Engineer's Report
- Approve the FOCP

# Anderson Dam FOC

## Project Background

- Anderson Dam forms Anderson Reservoir, holding 90,000 acre feet of water when full and the largest of Valley Water's reservoirs.
- In 2012, following a seismic stability analysis, Valley Water began plans to retrofit the dam to meet current safety standards, creating the Anderson Dam Seismic Retrofit Project (ADSRP).
- On February 20, 2020, the Federal Energy Regulatory Commission (FERC) issued an order to Valley Water to undertake early implementation interim risk reduction measures associated with seismic hazards immediately.
- On May 26, 2020, Valley Water Board approved staff's recommended Preliminary Project Description for the FOC.

# Anderson Dam FOCP Objectives

Minimize impacts to the environment and water supply from revised interim operations of Anderson Reservoir prior to the construction of the ADSRP.



Reduce public safety risk to communities downstream of Anderson Dam prior to the construction of the ADSRP.

Provide the ability to better control the operating water surface elevation within Anderson Reservoir.

Safely, reliably and expeditiously drawdown Anderson Reservoir and maintain a lower water surface elevation.

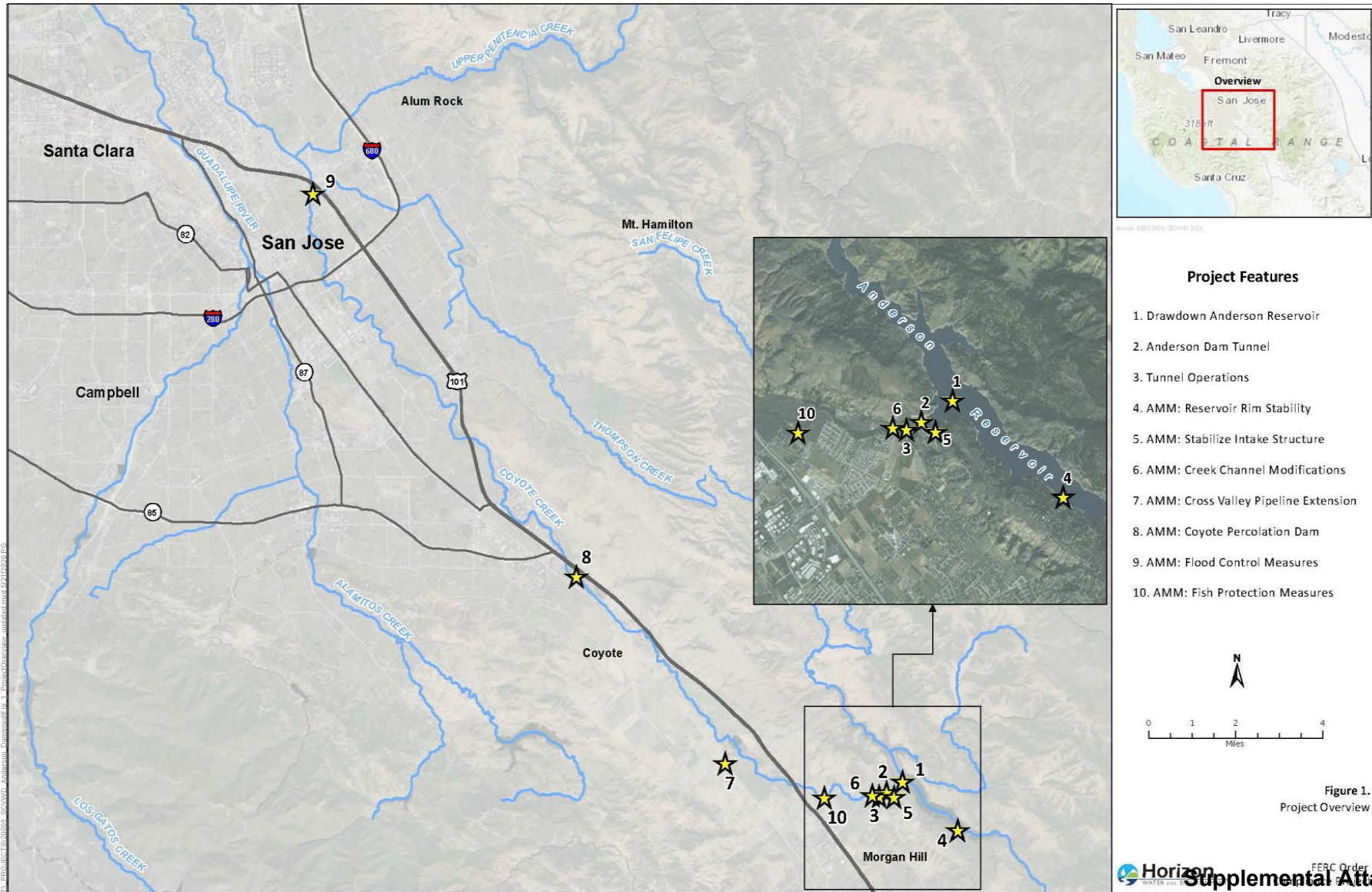
# Anderson Dam FOC

## Benefits

- Decrease the probability of an uncontrolled release of water due to a failure of Anderson Dam during a large earthquake prior to construction of the ADSRP.
- Increase the interim safety of the community downstream of Anderson Dam prior to construction of the ADSRP



# Project Location



# Project Description

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- Reservoir Drawdown to Deadpool and Maintain Level at Deadpool
- Anderson Dam Tunnel Construction
- Anderson Dam Tunnel Operation and Maintenance
- Bank and Rim Stability Improvements
- Existing Intake Structure Modifications
- Creek Channel and Bank Erosion Control Modifications
- Imported Water Releases and Cross Valley Pipeline Extension
- Coyote Percolation Dam Replacement
- Coyote Creek Flood Management Measures
- Steelhead Fish Avoidance and Minimization Measures
- Implementation of Additional Project Specific Avoidance and Minimization Measures

# CEQA Compliance, Right of Way and Real Estate Requirements

## CEQA Compliance

- CEQA Emergency Project Exemption Determination

## Right of Way and Real Estate Requirements

- The Project will require right of way and real estate agreements with public entities, such as County of Santa Clara, City of Morgan Hill, and the City of San Jose.
- A small portion of parkland (0.65 acres) will need to be acquired in order to fully build the proposed northern channel
- Private landowner agreements will also be required to access and construct some portions of the project, particularly for the Coyote Creek Flood Management Measures and Reservoir Rim Monitoring and Stability Improvements.



# Project Cost and Funding

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Cost	Funding
<p>Total estimated cost: \$293 M (2020 dollars)</p> <ul style="list-style-type: none"><li>➤ Planning: \$6.7 M</li><li>➤ Design: \$38.5 M</li><li>➤ Construction: \$247.8 M</li></ul>	<p>Source: Water Enterprise Fund</p> <ul style="list-style-type: none"><li>➤ 82.3% allocated to Zone W-2</li><li>➤ 8% allocated to Zone W-5</li><li>➤ 9.7% allocated to Zone W-7</li></ul>

# Questions?

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