



**WATER  
AGENCY**

# **Asset Management Plan and Ten-Year Water System Capital Improvement Plan**

Zone 7 Board Meeting  
April 15, 2026

Mona Olmsted, Principal Engineer

# AMP and CIP support Strategic Plan

## Strategic Goals

### GOAL B

Reliable Water Supply and Infrastructure

### GOAL H

Fiscal Responsibility

## Initiatives

# 6

Continue to effectively implement infrastructure projects in the Water System Capital Improvement Plan

# 21

Continue to effectively manage financial resources

# Core Priorities Guiding the Development of the CIP

- Renew and replace existing water system infrastructure
- Enhance and optimize system operations
- Implement PFAS management strategy
- Provide water supply reliability

## GOAL B OF STRATEGIC PLAN

### Reliable Water Supply and Infrastructure

Provide customers with reliable water supply and infrastructure.

# Board Comments from Workshop

## (March 4, 2026)

### **Comments:**

- Facility Map (Legend)
- Agency's bonding capacity

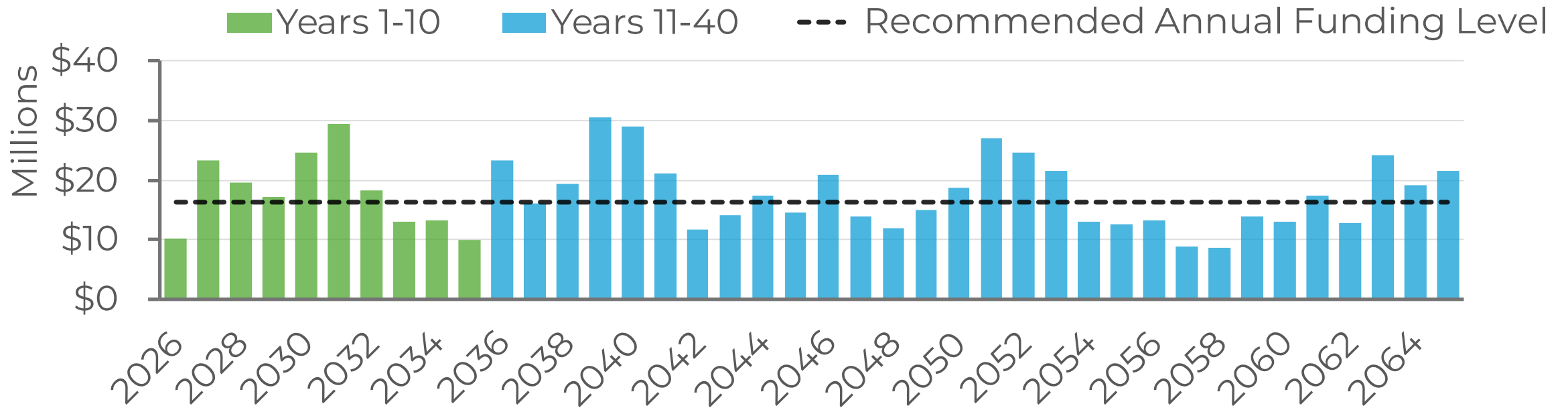
### **How addressed:**

- Figure 2: Major Facilities of the Treatment Water System (Legend)
- Staff Report: FY 2024-25 Annual Comprehensive Financial Report  
(Legal Debt Margin Information Table)

# Summary

## Water System Asset Management Plan (AMP)

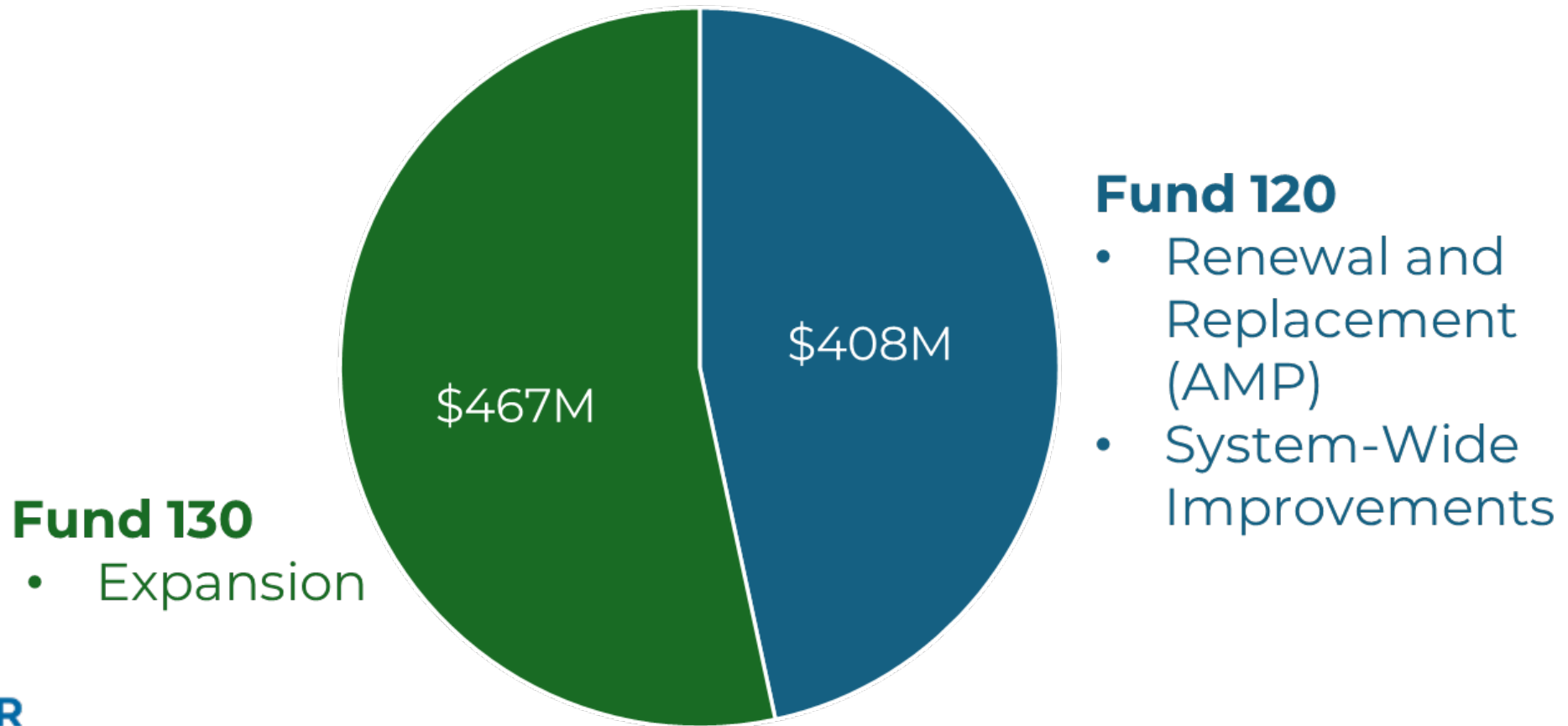
- 40-year planning horizon
- Recommended annual funding: \$16.3 million
- Years 1-10 included in the CIP



# Summary

## Water System Capital Improvement Plan (CIP)

- 10-year planning horizon
- 50 projects, \$875 million



# Project Highlights



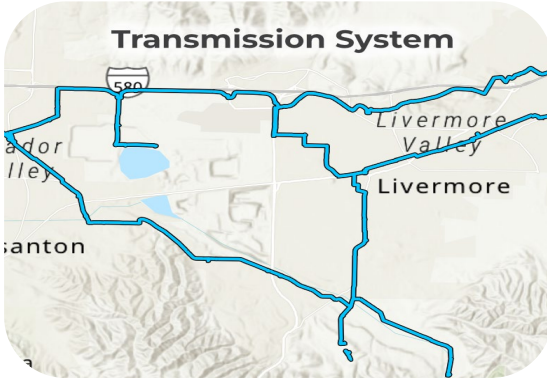
DVWTP and PPWTP  
HVAC and  
Improvements



Maintenance Yard  
and Building



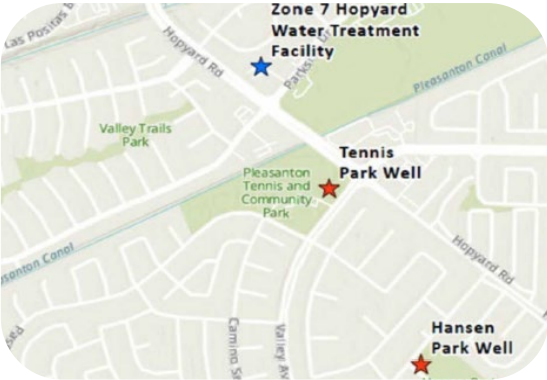
Mocho PFAS



Transmission System  
Plan and Hydraulic  
Model Update



Silver Oaks Pump  
Station



Regional Wells



COL Conveyance

# Project Highlights



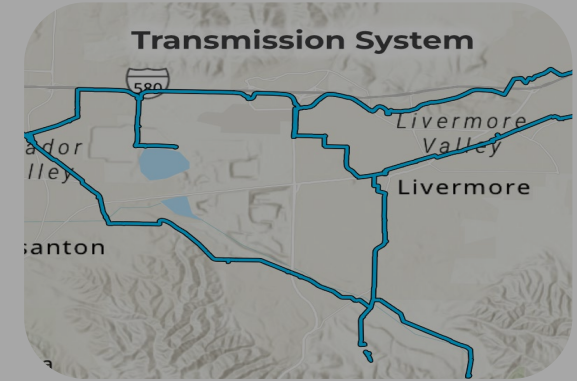
DVWTP  
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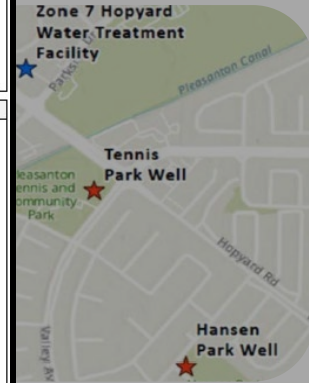
Capital Improvement Summary Report																																																																																														
Program	Wells																																																																																													
Project	Mocho PFAS Treatment Plant																																																																																													
Section	Water Supply Engineering (WSE)																																																																																													
<p><b>Description</b></p> <p>This project consists of installing a PFAS treatment plant to restore water production of the Mocho wellfield and optimize operation of the existing Mocho Groundwater Demineralization Plant (MGDP) to improve groundwater basin salt management. Key components of the project include PFAS treatment vessels, piping, pump station, landscaping, and site beautification. This project will also replace electrical switchgear for Mocho Wells 3 and 4. This project ensures that all water delivered to customers meets or exceeds applicable drinking water standards, including anticipated new regulations for PFAS. Zone 7 was awarded a grant for \$1.2 million from the California Department of Water Resources and is actively working to secure additional state and federal funding for this project.</p>																																																																																														
<p><b>Justification</b></p> <p>The Mocho PFAS Treatment Plant is needed to remove PFAS and restore production at the Mocho wellfield. The Mocho wells (2, 3, and 4) were taken offline preemptively in anticipation of new PFAS regulations that will go into effect in 2031 and will remain out of service until PFAS treatment is installed. Because the Mocho wellfield supplies the MGDP, MGDP also remains offline. The Mocho wells being out of services reduces water supply reliability, while the MGDP being offline limits Zone 7's ability to meet its salt management goals. In addition, existing electrical equipment that was installed in 2002 is nearing the end of their useful life and must be replaced.</p>																																																																																														
<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="5">Escalated Cost Appropriation (\$1000)</th> </tr> <tr> <th>Planning</th> <th>Design</th> <th>Constr.</th> <th>Other</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Prior</td> <td>3,580</td> <td>1,750</td> <td>0</td> <td>1,170</td> <td>6,500</td> </tr> <tr> <td>FY 26/27</td> <td>377</td> <td>2,264</td> <td>5,981</td> <td>717</td> <td>9,340</td> </tr> <tr> <td>FY 27/28</td> <td>236</td> <td>330</td> <td>24,755</td> <td>717</td> <td>26,038</td> </tr> <tr> <td>FY 28/29</td> <td>0</td> <td>0</td> <td>6,604</td> <td>0</td> <td>6,604</td> </tr> <tr> <td>FY 29/30</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>FY 30/31</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>FY 31/32</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>FY 32/33</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>FY 33/34</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>FY 34/35</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>FY 35/36</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Future</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td><b>Total</b></td> <td><b>4,193</b></td> <td><b>4,344</b></td> <td><b>37,340</b></td> <td><b>2,604</b></td> <td><b>48,481</b></td> </tr> </tbody> </table> <p><i>Notes: "Future" means all project costs from FY 36/37 through FY 45/46, which is the planning horizon of this CIP. For projects with annually recurring costs, prior costs shown include one year of prior spending.</i></p>							Escalated Cost Appropriation (\$1000)					Planning	Design	Constr.	Other	Total	Prior	3,580	1,750	0	1,170	6,500	FY 26/27	377	2,264	5,981	717	9,340	FY 27/28	236	330	24,755	717	26,038	FY 28/29	0	0	6,604	0	6,604	FY 29/30	0	0	0	0	0	FY 30/31	0	0	0	0	0	FY 31/32	0	0	0	0	0	FY 32/33	0	0	0	0	0	FY 33/34	0	0	0	0	0	FY 34/35	0	0	0	0	0	FY 35/36	0	0	0	0	0	Future	0	0	0	0	0	<b>Total</b>	<b>4,193</b>	<b>4,344</b>	<b>37,340</b>	<b>2,604</b>	<b>48,481</b>
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<p><b>Origin</b></p> <p>Draft PFAS and Hexavalent Chromium Treatment Feasibility Study, June 2020; Mocho Groundwater Demineralization Plant and Mocho Wellfield PFAS Compliance Conceptual Design, December 2024; Asset Management Program</p>																																																																																														
<p><b>Operating Impact</b></p> <p>Provides regulatory compliance and maintains operational and water supply reliability.</p>																																																																																														
<p><b>Project Location</b></p>																																																																																														



Mocho PFAS



Transmission System Plan and Hydraulic Model Update



Well Locations



COL Conveyance

# Recommendation

## **Adopt resolution to approve the following:**

- 2026 Asset Management Plan (AMP) Update,
- Recommended annual AMP funding from the Water Enterprise Operations Fund (Fund 100) to the Water Enterprise Renewal/Replacement and System-Wide Improvements Fund (Fund 120), and
- FY 2026-27 Ten-Year Water System Capital Improvement Plan



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Questions?

