



**WATER
AGENCY**

**UPDATE ON MOCHO PFAS TREATMENT
PLANT PROJECT AND WATER SUPPLY
RELIABILITY**

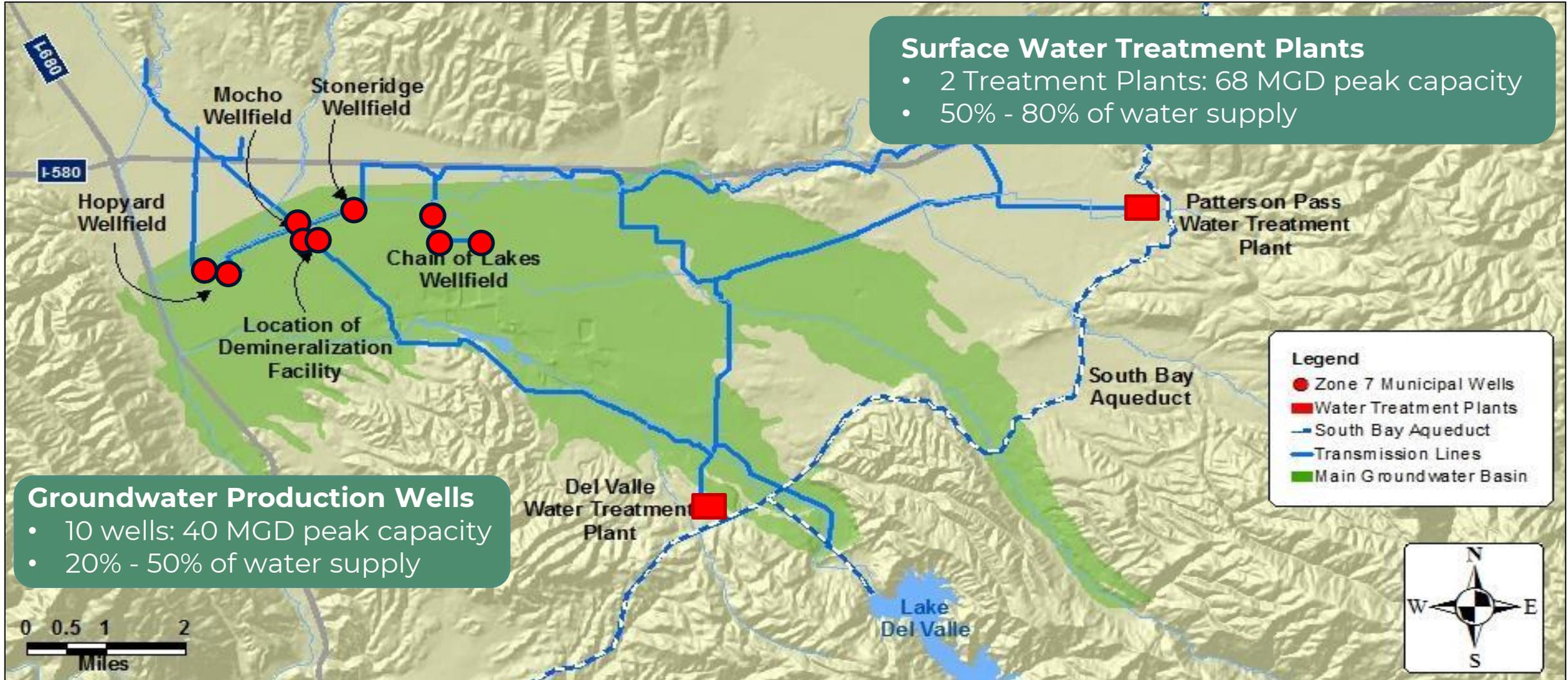
Zone 7 Board Meeting
January 21, 2026

Brandon Woods, Senior Engineer

Agenda

- Water Supply Reliability
 - Background
 - Impacts of PFAS
- Mocho Wellfield Background and Location
- Mocho PFAS Treatment Plant (MTP)
 - Project Overview and Implementation Plan
 - Land Acquisition and CEQA Compliance
 - Actions to Date
 - Project Schedule and Upcoming Actions
- Recommendation

Water Supply Reliability – System Background



PFAS Regulations

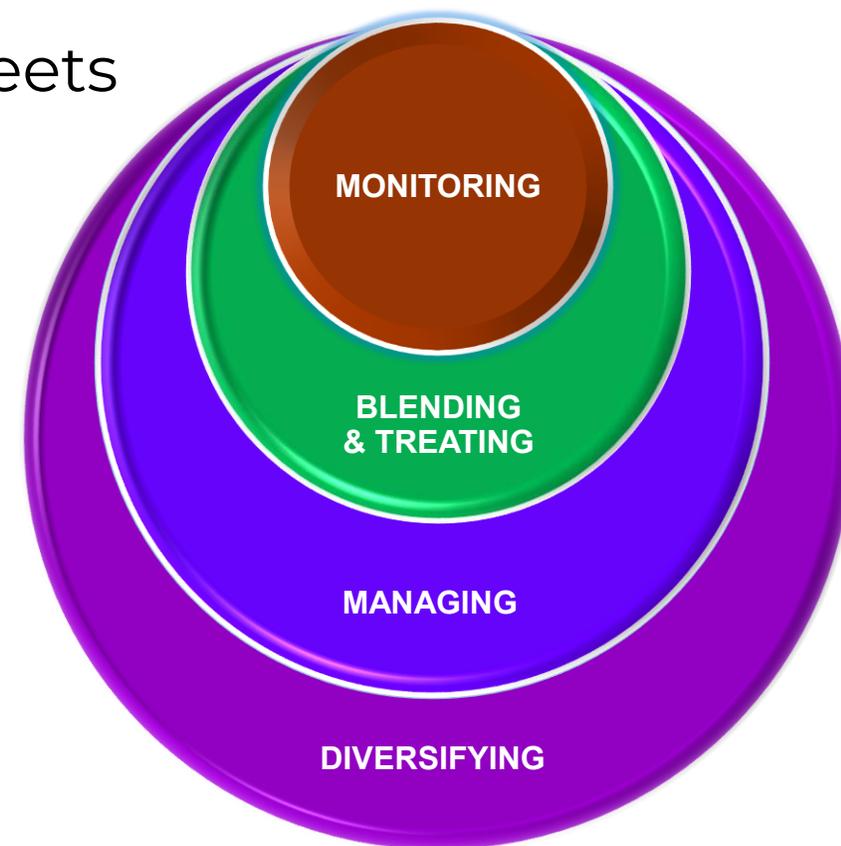
- Current PFAS regulations include both Federal (EPA) and State limits
- Zone 7 is committed to delivering water that meets Federal and State regulations

Federal Regulations – Implemented by 2029

PFOS	4.0 parts per trillion (ppt)
PFOA	4.0 ppt
PFHxS	10 ppt

State Regulations – Response Level (RL) Currently Implemented

PFOS	4.0 ppt
PFOA	4.0 ppt
PFHxS	10 ppt



Water Supply Reliability – PFAS Impacts



- Stoneridge PFAS – online in 2023
- 6.5MGD represents 16% of groundwater capacity

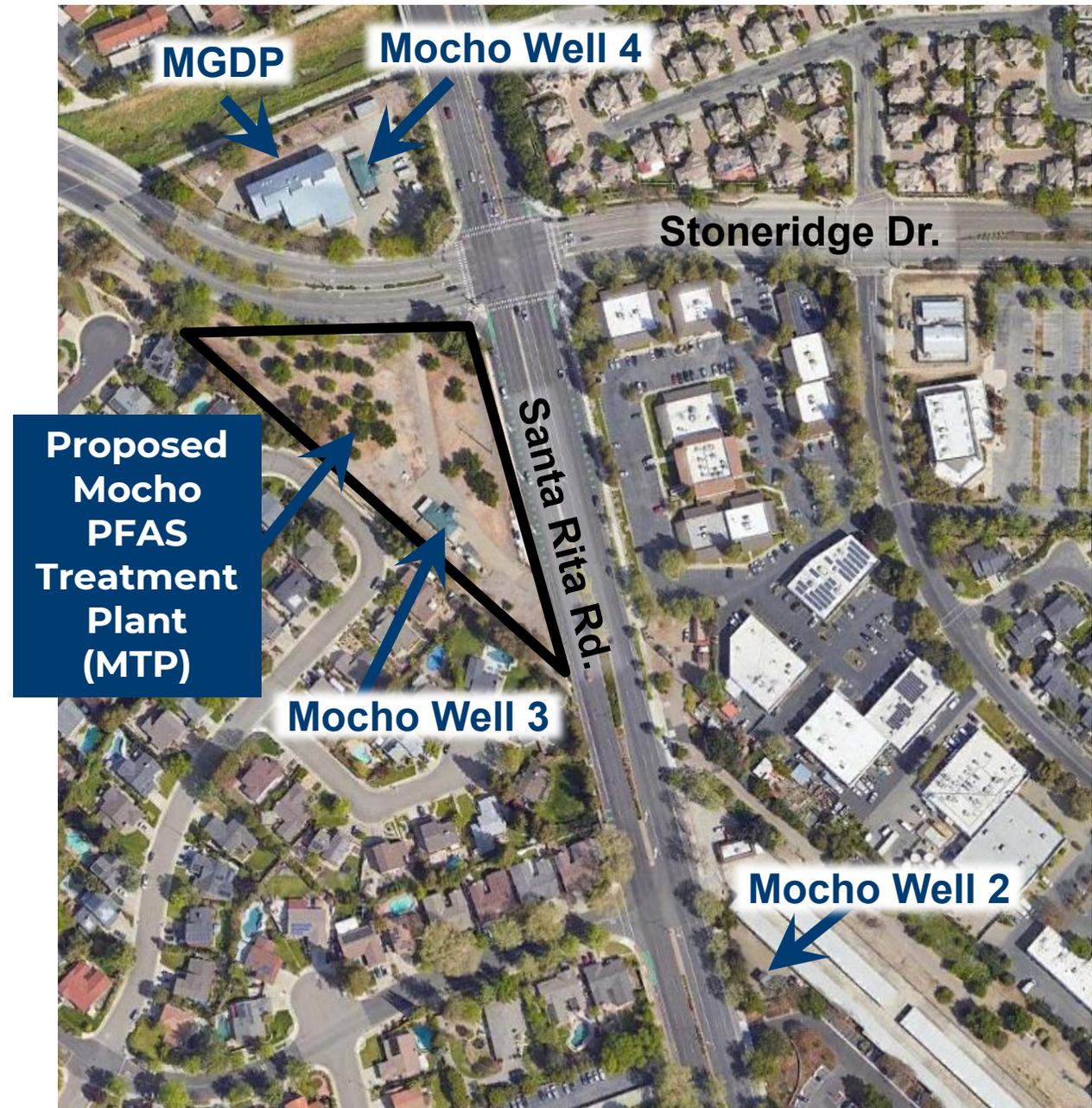


- COL PFAS – online in 2025
- 10MGD represents 25% of groundwater capacity

Only 60% of groundwater is available to meet water supply demands

Mocho Wellfield and Mocho Groundwater Demineralization Plant (MGDP)

- Mocho wellfield includes three wells and can produce up to approximately 16 million gallons per day (MGD)
- 40% of available groundwater production
- Zone 7's salt removal goals are accomplished through MGDP
- All three wells exceed either State and/or EPA limits on a combination of PFOS, PFOA and/or PFHxS



Impacts to Mocho Wellfield Production

- Mocho wellfield and MGDGP are offline and unavailable until treatment can be implemented
- Significant reduction in system redundancy
- Reduced water supply reliability, especially during dry years
- Inability to meet salt management goals

Best way to mitigate these impacts is to implement the Mocho PFAS Treatment Plant (MTP) project as quickly as possible

MTP Project Overview

Objectives

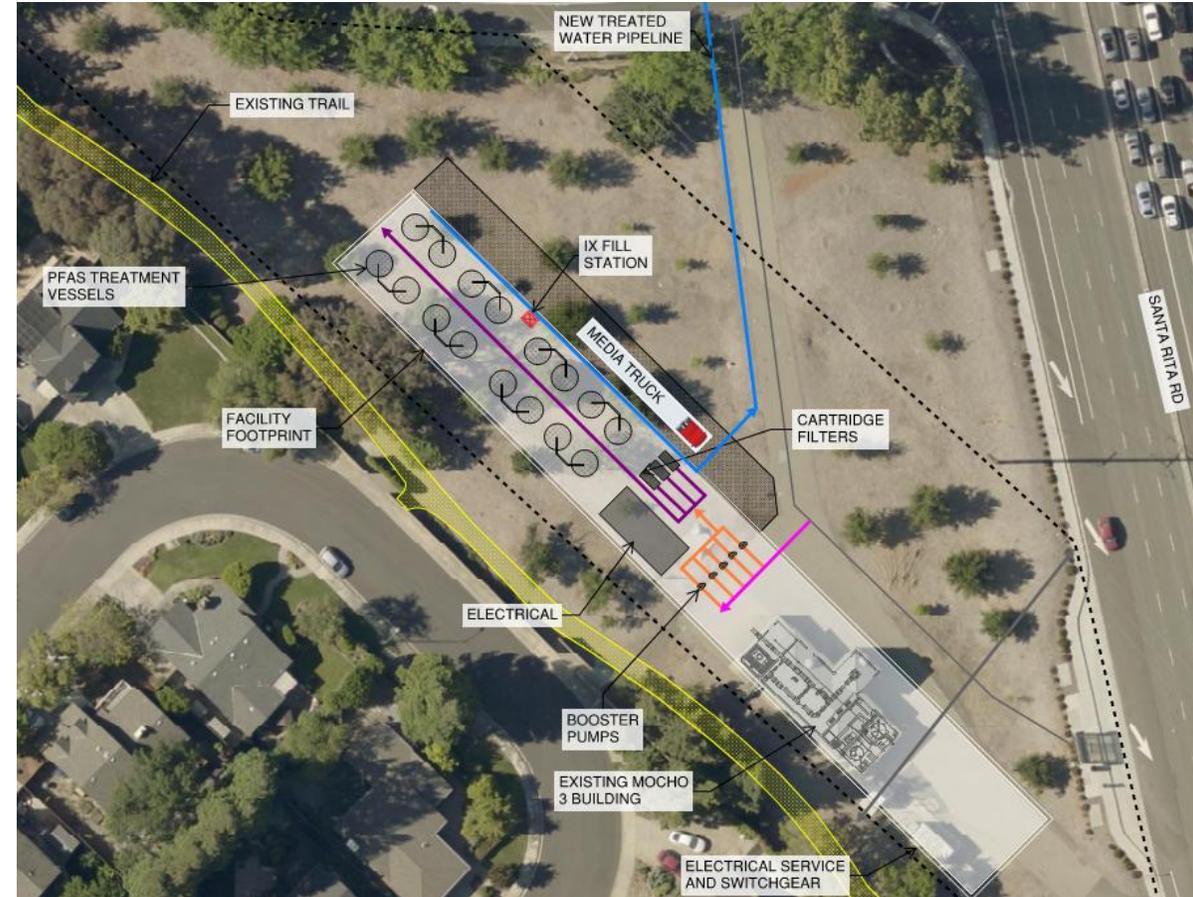
- Remove PFAS from Mocho wellfield supplies and restore production capacity
- Enhance salt management
- Renew and replace aging equipment

Project Scope

- PFAS removal vessels, piping upgrades, site improvements, trails preservation
- MGD capacity upgrade
- Electrical switchgear upgrades
- Well pump replacements

Cost and Funding

- Cost range of \$35-\$51 million
- \$1.2 million in DWR grant funding for electrical improvements
- Exploring federal funding opportunities



MTP Project Overview – Pre-Conceptual Renderings



- Pre-conceptual renderings show how the facility could work at the site
- Not actual design
- Will continue to develop visual screening options during the pre-construction phase

What is being done to Expedite the MTP Project?

Progressive Design-Build (PDB) Alternative Delivery

- Designer and contractor together as one team
- Qualifications based selection
- Enables innovation, constructability reviews and value engineering with contractor input
- Reduced potential for conflicts to mitigate risks
- Accelerated project schedule; early procurement of long lead items
- Open Book Pricing provides cost transparency
- 6–12-month reduction in Project duration



How does PDB Work?

Phase 1: Design and Pre-Construction Phase

- Develop basis of design
- Prepare detailed design up to 60%
- Prepare iterative cost estimates through 60% guaranteed maximum price (GMP)
- Prepare early procurement packages for long-lead equipment

**GMP at
60% Design**

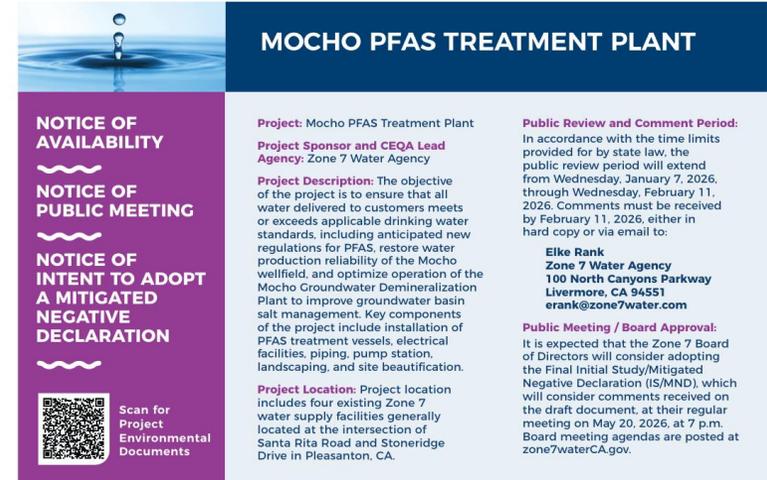
Phase 2: Construction Phase

- Prepare final design drawings and specifications
- Construct early procurement packages
- Construct remaining improvements
- Start up, commissioning, and acceptance testing
- Training
- Construction closeout

What else is being done to Expedite the MTP Project?

CEQA Documentation Released to the Public

- Initial Study (IS) completed
- Mitigated Negative Declaration (MND) completed December 2025
- Public comment period January 7 – February 11
- MND planned for Board adoption May 2026



MOCHO PFAS TREATMENT PLANT

NOTICE OF AVAILABILITY

NOTICE OF PUBLIC MEETING

NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION

Scan for Project Environmental Documents

Project: Mocho PFAS Treatment Plant
Project Sponsor and CEQA Lead Agency: Zone 7 Water Agency

Project Description: The objective of the project is to ensure that all water delivered to customers meets or exceeds applicable drinking water standards, including anticipated new regulations for PFAS, restore water production reliability of the Mocho wellfield, and optimize operation of the Mocho Groundwater Demineralization Plant to improve groundwater basin salt management. Key components of the project include installation of PFAS treatment vessels, electrical facilities, piping, pump station, landscaping, and site beautification.

Project Location: Project location includes four existing Zone 7 water supply facilities generally located at the intersection of Santa Rita Road and Stoneridge Drive in Pleasanton, CA.

Public Review and Comment Period: In accordance with the time limits provided for by state law, the public review period will extend from Wednesday, January 7, 2026, through Wednesday, February 11, 2026. Comments must be received by February 11, 2026, either in hard copy or via email to:

Elke Rank
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551
erank@zone7water.com

Public Meeting / Board Approval: It is expected that the Zone 7 Board of Directors will consider adopting the Final Initial Study/Mitigated Negative Declaration (IS/MND), which will consider comments received on the draft document, at their regular meeting on May 20, 2026, at 7 p.m. Board meeting agendas are posted at zone7waterCA.gov.

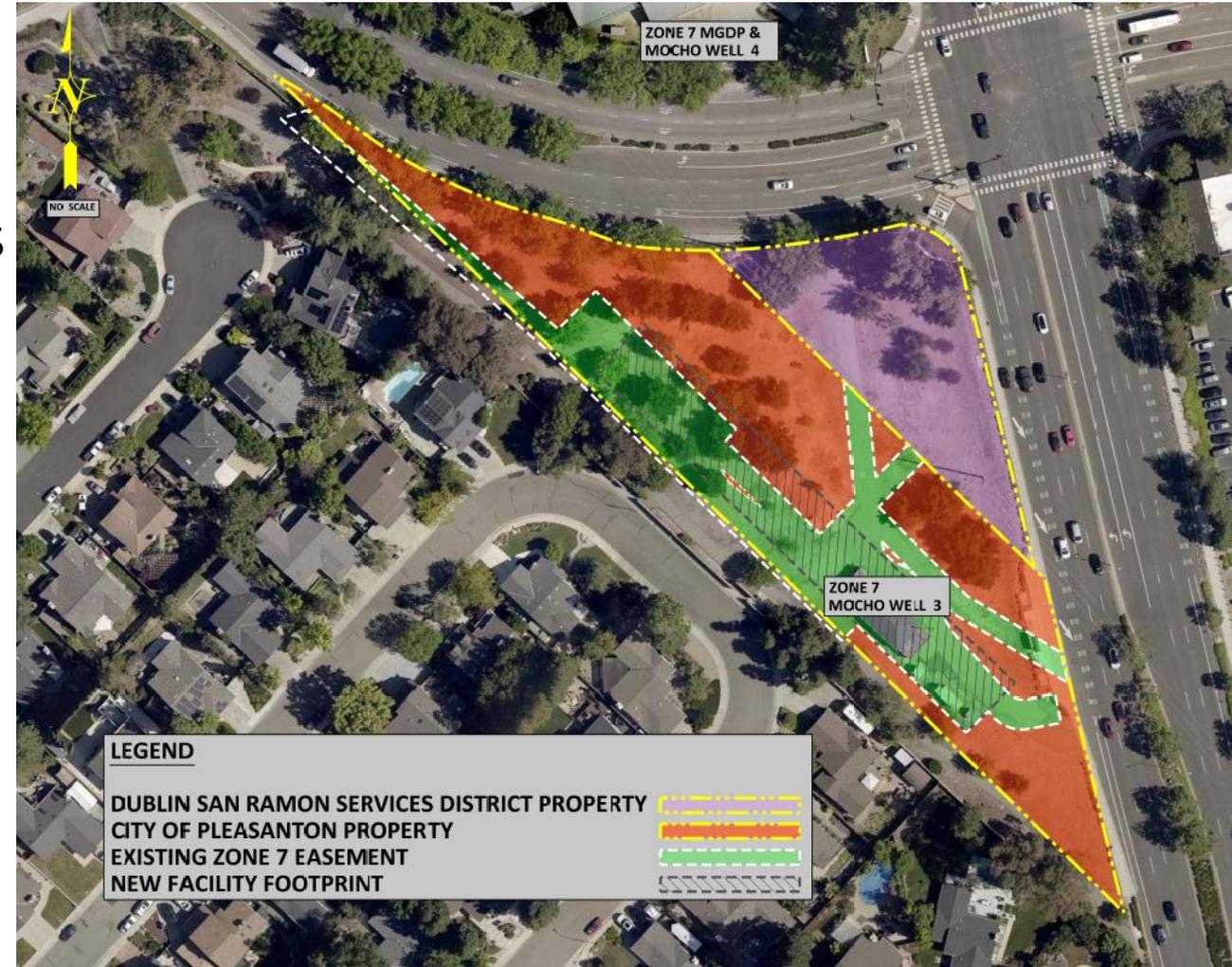
Electrical Evaluation

- Preliminary analysis of existing electrical service to supply new treatment facility
- Provides advanced information to streamline PG&E service upgrades

Right-of-Way Acquisition Process

Land Acquisition

- Staff has been working with DSRSD and City of Pleasanton to secure necessary land rights
- Site evaluation completed in February 2025
- Existing Mocho 3 well site identified as only viable alternative
- Other options are cost prohibitive based on proximity to MGDP site



DSRSD Right-of-Way Acquisition

Agreement, DSRSD will:

- Grant non-exclusive easement for the property by the Mocho PFAS Treatment Plant project
- Decline option to purchase Mocho 4 well
- Grant non-exclusive easement for continued use of Camp Parks Brine Disposal Pipeline
- Apply easement market value (\$3,900) as financial contribution to water quality management improvements



Project Actions to Date

- **Pre-Design Work**

- Conceptual design report completed December 2024
- Owner's Representative (OR) was procured for the project
- PDB team RFP completed, issued and closed; currently in staff scoring and evaluation phase

- **Public Outreach**

- Community meeting held September 2025

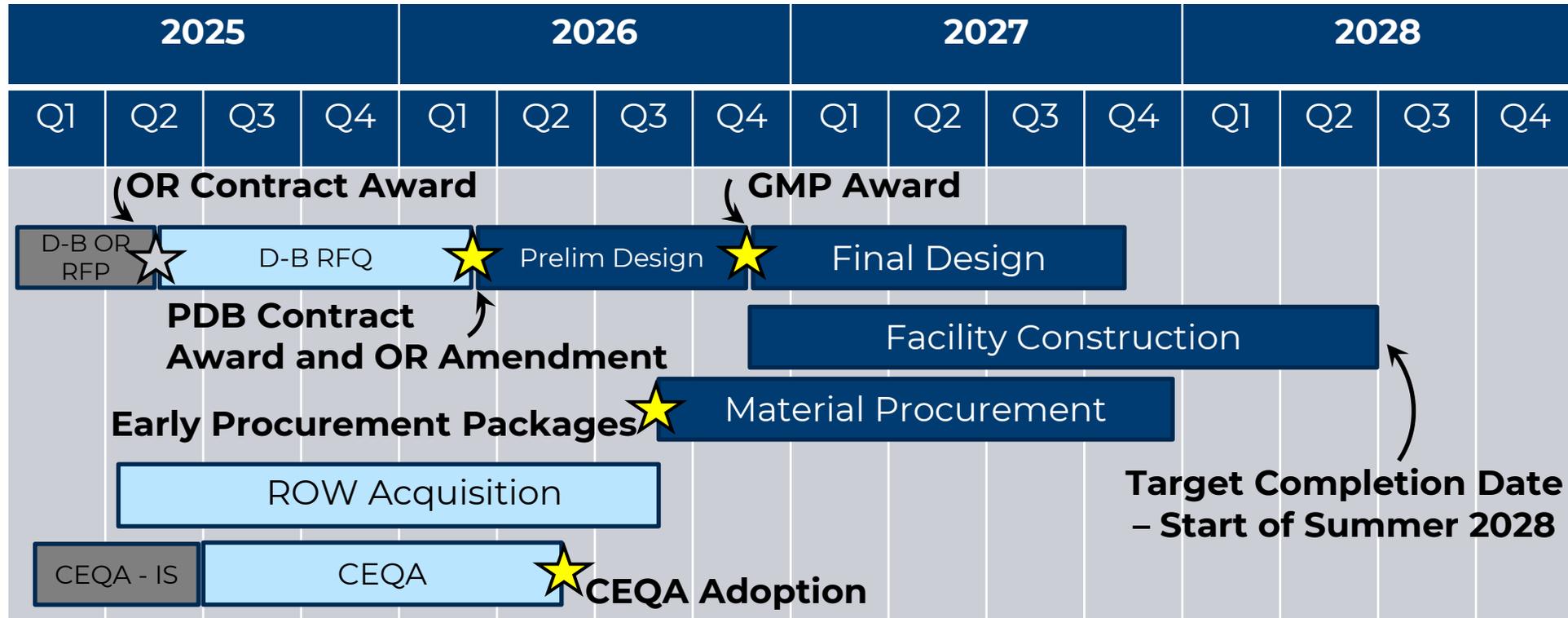
- **CEQA**

- IS and MND completed, currently in public comment period

- **Land Coordination**

- Current Board action will complete ROW acquisition from DSRSD
- Staff working with City of Pleasanton on ROW acquisition

Project Schedule and Upcoming Actions



★ **Board Action**

Upcoming Project and Board Actions

- DSRSD ROW acquisition – January 2026 ★
- Federal funding grant application – March 2026 ★
- PDB contract award – March or April 2026 ★
- CEQA adoption – May 2026 ★
- Pleasanton ROW acquisition – Agreement needed by Aug 2026
- Construction start – Fall 2026

Recommendation

- Authorize the General Manager to negotiate and execute an Agreement between Zone 7 Water Agency and the Dublin San Ramon Services District for the Mocho Wellfield Water Quality Improvements



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Questions?