

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



Valley Water

Clean Water • Healthy Environment • Flood Protection



Penitencia Water Treatment Plant Residuals Management Project

Public Meeting - June 10, 2026

Agenda

Residual Management Project

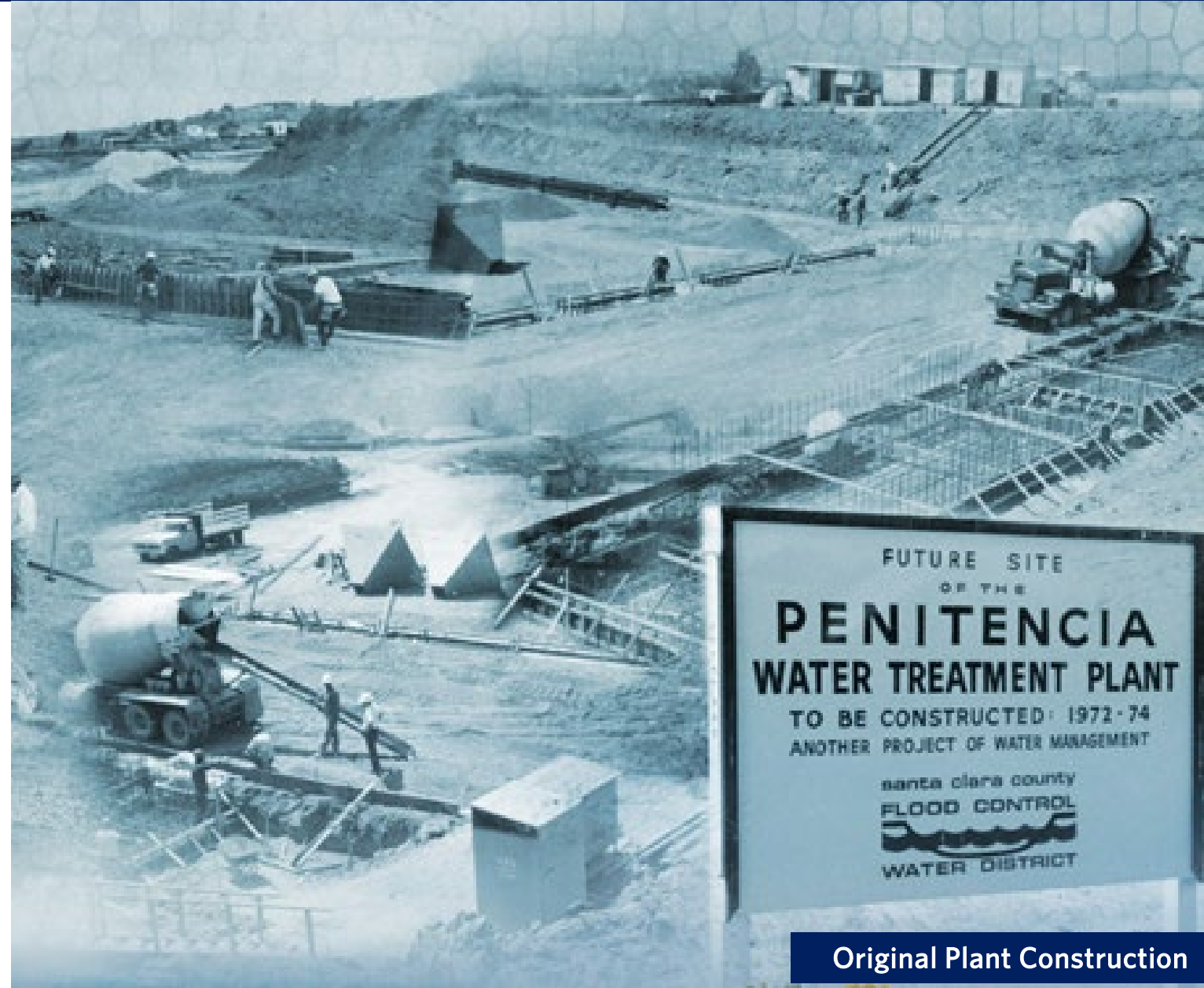
- Background
- Project objectives
- Phases 1–3
- New facilities
- Timeline
- Project information

Pipeline Maintenance Projects

- Background
- Project Objectives
- Upcoming projects:
 - Penitencia DM&FM I&R
 - East Pipeline I&R
- Timeline
- Project information

Background – Penitencia Water Treatment Plant (PWTP)

- One of Valley Water's three drinking water treatment plants.
- Originally constructed in 1974.
- Penitencia treats and delivers up to 42 million gallons of water each day for the cities of San José and Milpitas and local water providers.



FUTURE SITE
OF THE
PENITENCIA
WATER TREATMENT PLANT
TO BE CONSTRUCTED: 1972-74
ANOTHER PROJECT OF WATER MANAGEMENT
santa clara county
FLOOD CONTROL
WATER DISTRICT

Original Plant Construction

Project Objectives

- Upgrade water treatment infrastructure to recycle washwater, manage treatment waste, and provide safe, reliable water for Santa Clara County residents.
- Replace aging systems and improve treatment capacity and efficiency.
- Improve the reliability of the plant's water supply.



Phases 1–3

Phase 1

- Mobilization
- Demolish existing structures
- Sedimentation Basin Improvements
- Washwater Equalization Basins
- Chemical & Electrical Buildings
- Sludge Storage Tanks
- Sludge Transfer Pump Station
- Centrifuge Building
- Decant Pump Station

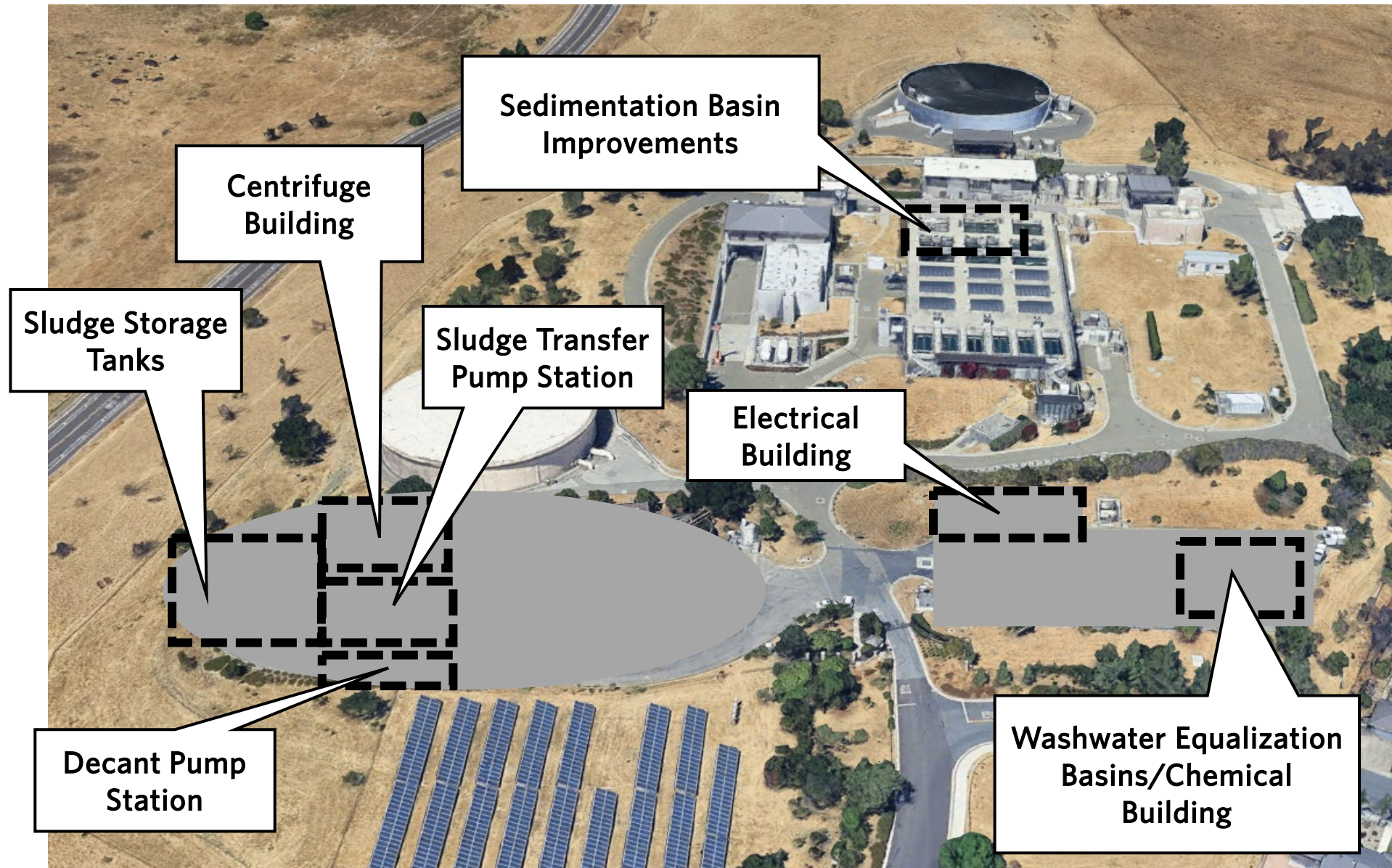
Phase 2

- Demolish existing structures
- Flocculation/Sedimentation Basins
- Washwater Sludge Transfer Pump Station
- Gravity Thickeners

Phase 3

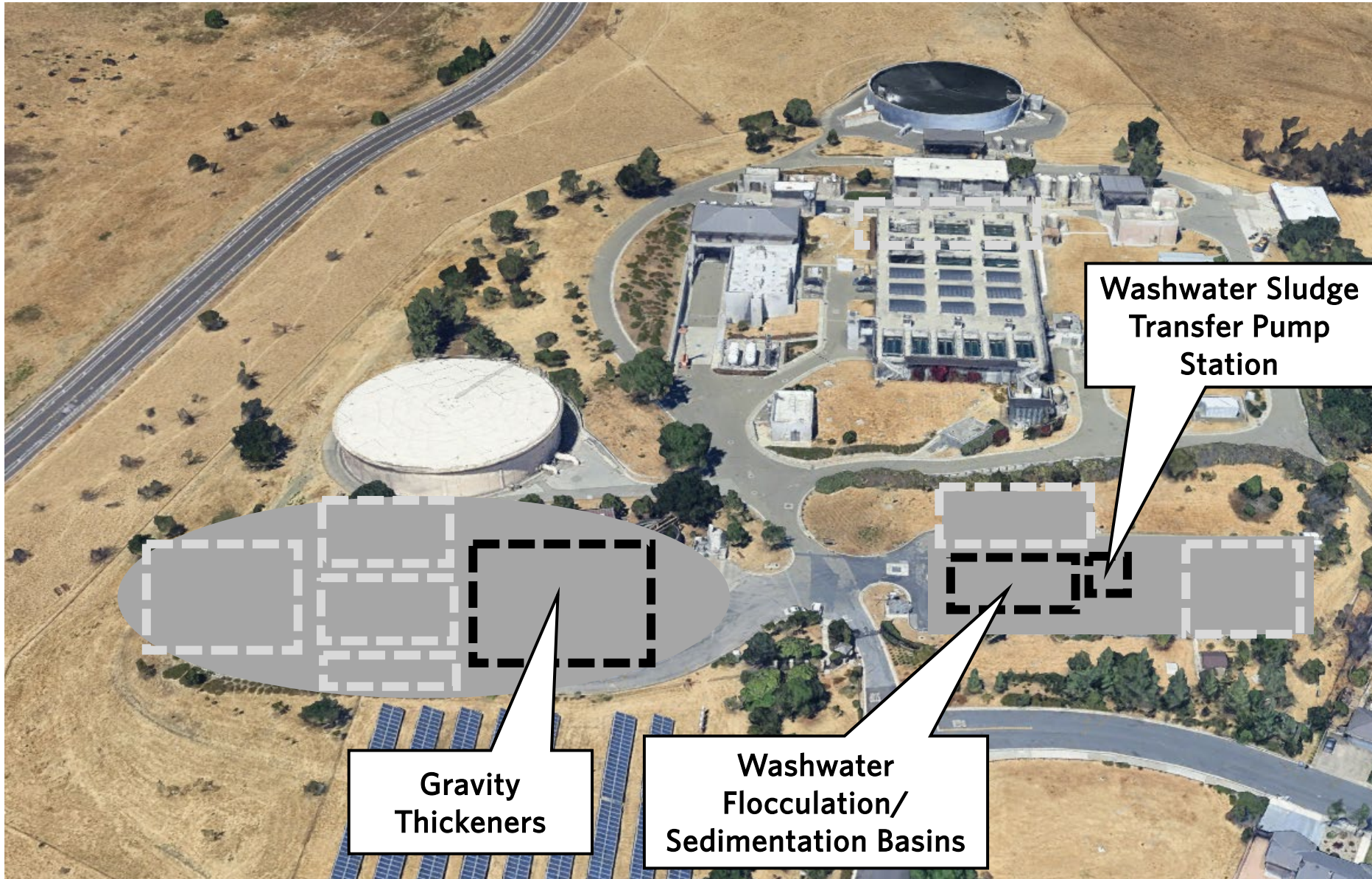
- Demolish existing structures
- Site Restoration
- Landscape Improvements
- Demobilization
- Project Closeout

New Facilities - Phase 1



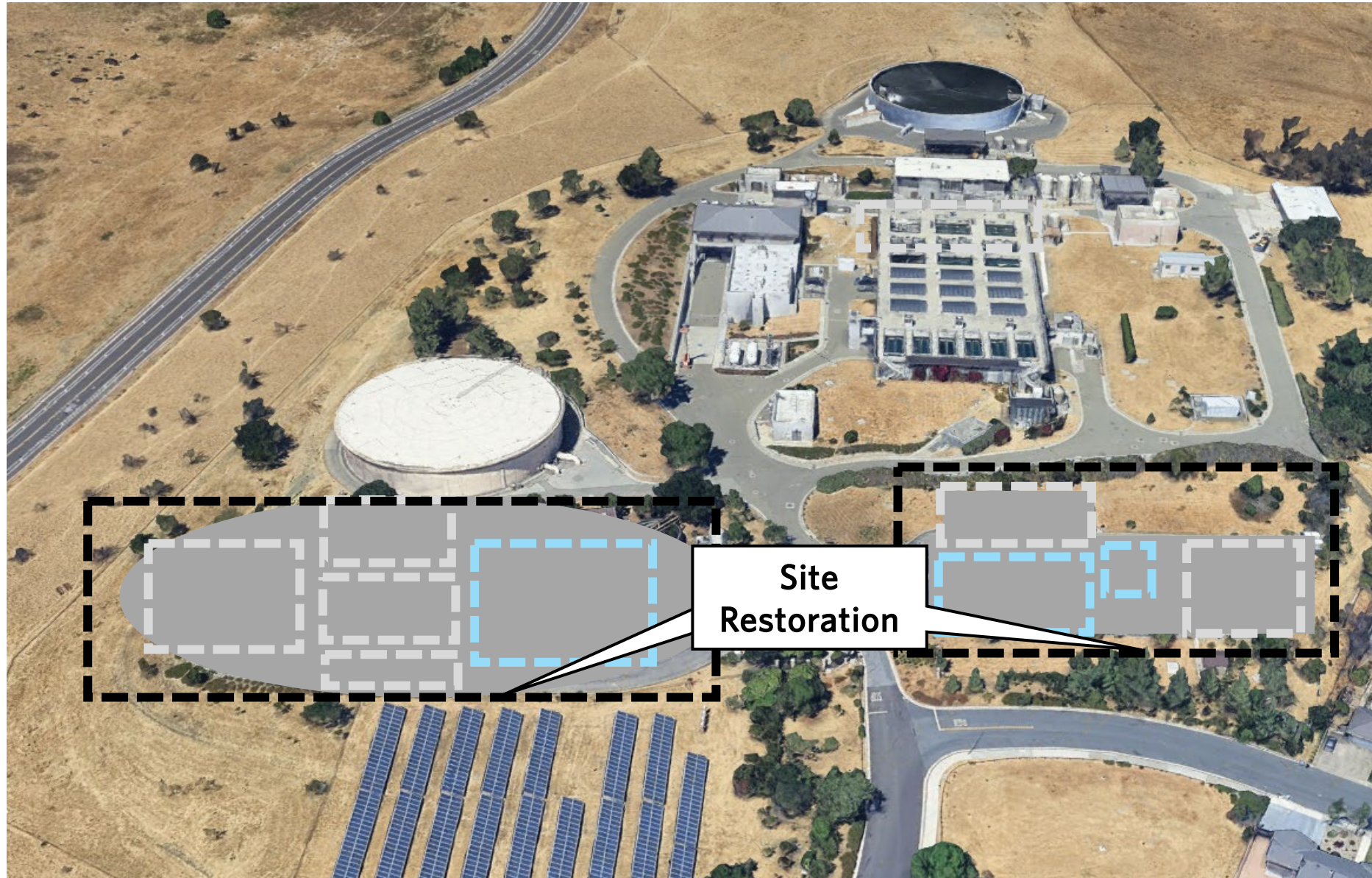
New Facilities – Phase 2

— - Phase 1
- - Phase 2

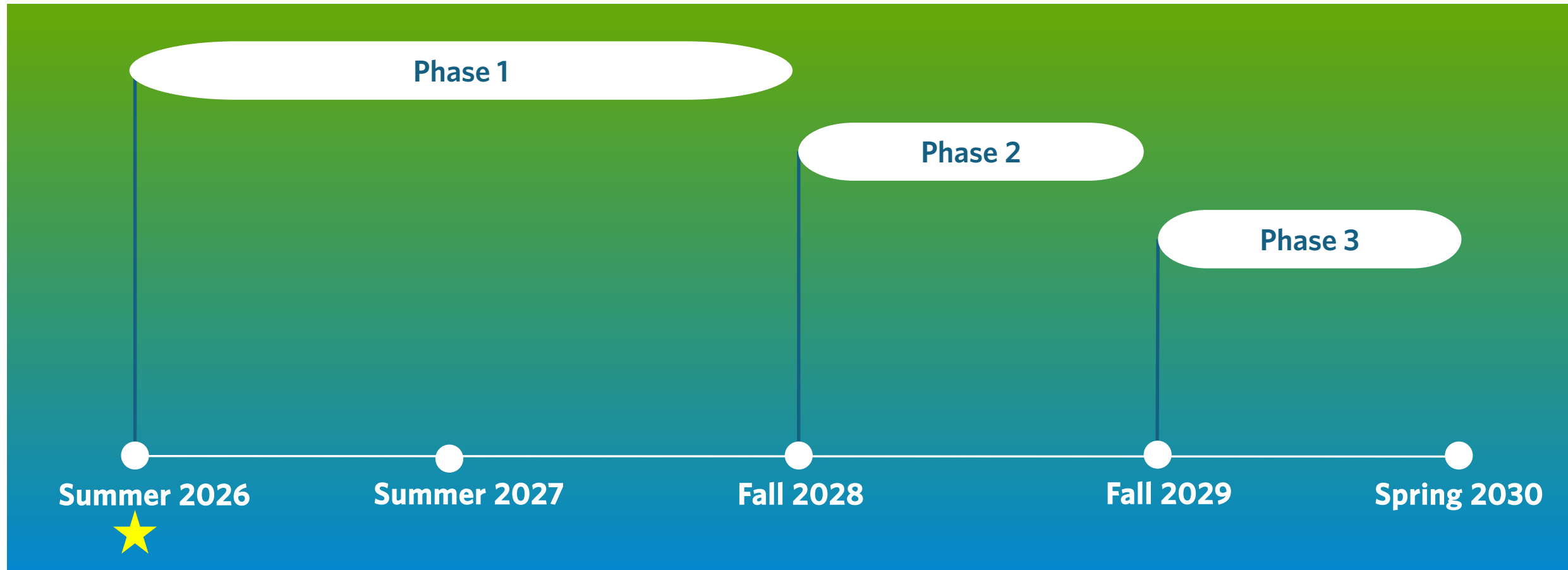


New Facilities – Phase 3

- Phase 1
- Phase 2
- Phase 3



Project Timeline (Phases 1–3)



Project Information

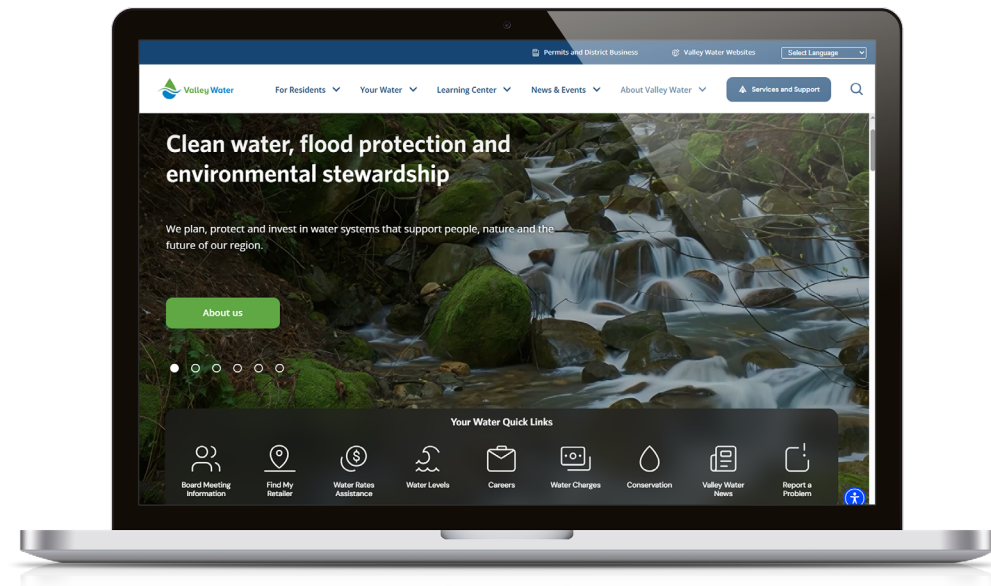
Visit Valley Water's website and blog at valleywater.org

Neighborhood Liaison

Jose Villarreal

Number: 408-630-2879

E-mail: jvillarreal@valleywater.org





Penitencia Delivery & Force Main Inspection & Rehabilitation East Pipeline Inspection & Rehabilitation

Public Meeting - June 10, 2026



Valley Water

Background – Pipeline Maintenance Projects

Since the early 2000s, Valley Water has implemented a pipeline inspection and rehabilitation program.

The goal of the program is to reduce unplanned shutdowns and emergency repairs caused by severe corrosion of appurtenance connections.

Projects:

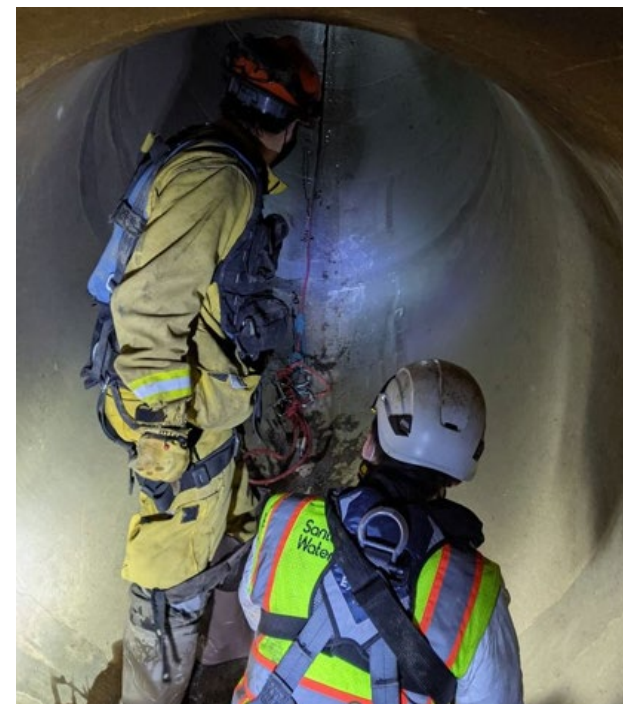
- Penitencia Delivery and Force Main Inspection and Rehabilitation
- East Pipeline Inspection and Rehabilitation



2015 Santa Clara Conduit Rupture – PCCP

Objectives for Penitencia Delivery Main/Penitencia Force Main & East Pipeline

- Condition assessment of pipelines and appurtenances
- As-needed internal repair of distressed pipes
- Replacing valves, flowmeters, and piping assemblies
- Installing acoustic monitoring systems
- Upgrading electrical & control systems
- Installing corrosion protection systems
- Upgrading hatches, ladders, and other access appurtenances to Cal OSHA safety standards

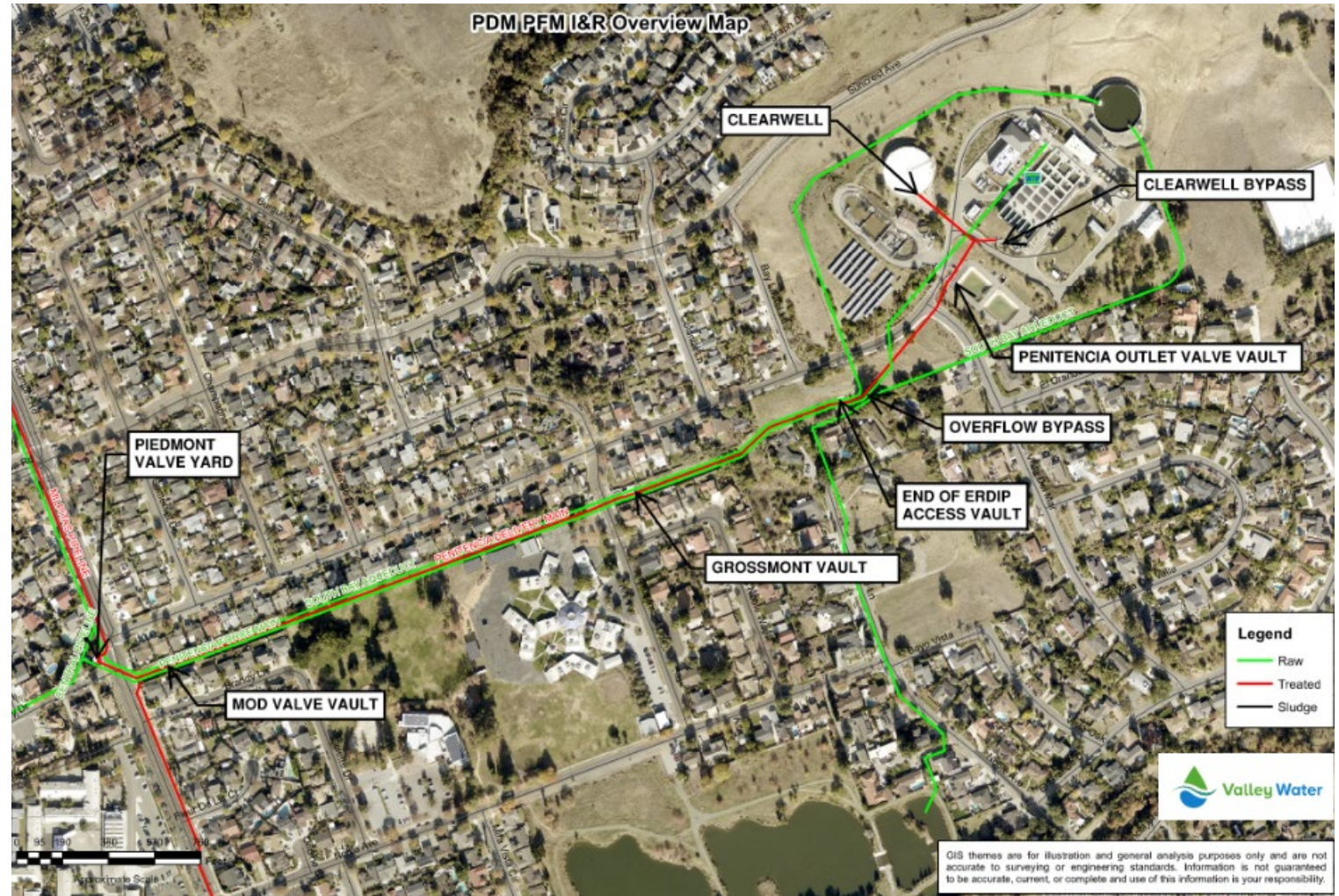


Typical Pipeline Work under the PMP



Penitencia Delivery and Force Main Inspection & Rehabilitation Project

The project will span from Piedmont Valve Yard to Penitencia Water Treatment Plant.

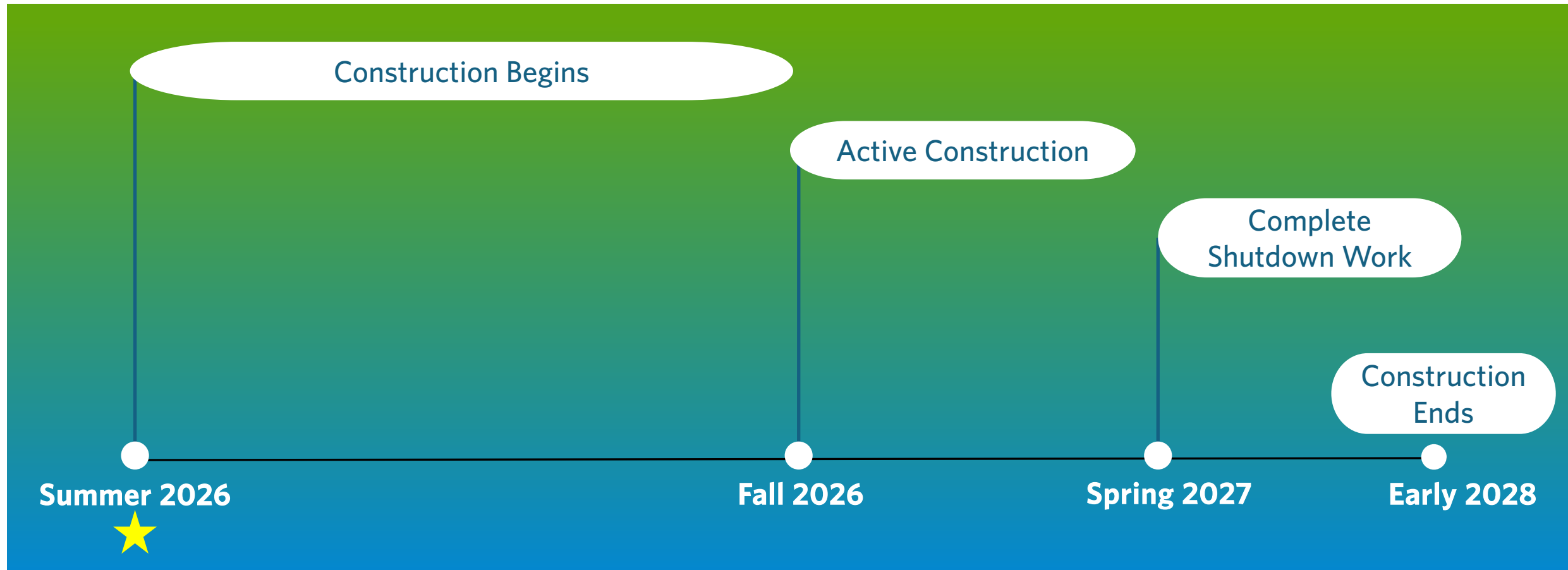


East Pipeline Inspection and Rehabilitation Project

- The East Pipeline Inspection and Rehabilitation Project will span from Piedmont Valve Yard to Patt Avenue Line Valve.
- The pipeline will be shutdown from fall 2026 to early spring 2027.
- You may notice a change in your water source during the shutdown.
- Valley Water and your water retailers will provide additional information prior to the shutdown.



Penitencia Delivery and Force Main & East Pipeline Timeline



Project Information

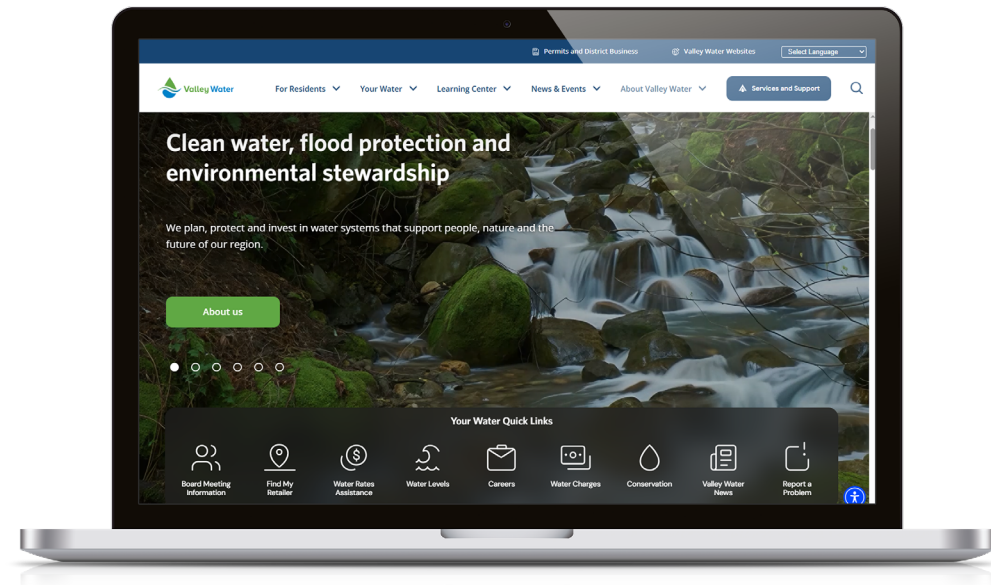
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Neighborhood Liaison

Jose Villarreal

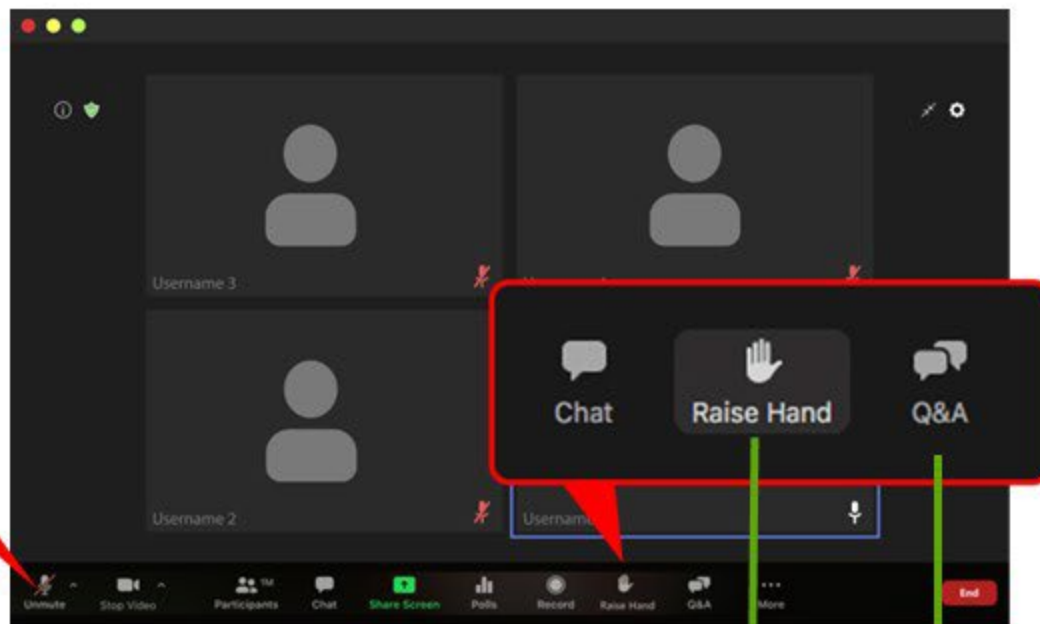
Number: 408-630-2879

E-mail: jvillarreal@valleywater.org



Zoom Webinar Instructions

JOIN COMPUTER AUDIO



If internet is unstable, use Phone Audio

- Check your invite/email for call-in number and meeting ID
- Dial call-in number: **1-669-900-9128**
- Enter webinar ID then #

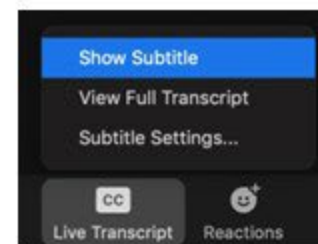


ASK A QUESTION

- 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**.
- Press *6 to **mute/unmute** yourself.



ENABLE CLOSED CAPTIONS/LIVE TRANSCRIPT

QUESTIONS?



More information on the
Capital Improvement
Program can be found at
[*https://delivr.com/26bys*](https://delivr.com/26bys).



Capital Improvement Program

The Capital Improvement Program (CIP) contains Valley Water's capital projects, which includes flood protection, water quality and infrastructure maintenance efforts. Valley Water's annual review of projects for potential placement or removal from our 5-year CIP is underway.

You're encouraged to participate in our process and share your feedback regarding which projects should be prioritized by 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.



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