

ALAMEDA COUNTY WATER DISTRICT

43885 So. Grimmer Boulevard
Fremont, CA 94538

OPERATIONS & WATER QUALITY COMMITTEE

AGENDA

Tuesday, February 3, 2026

4:15 p.m.

ACCESSIBLE PUBLIC MEETINGS: Upon request, ACWD will provide written agenda materials in appropriate alternative formats, or disability-related modification or accommodation, including auxiliary aids or services, to enable individuals with disabilities to participate in public meetings. Please send a written request at least 72 hours before the meeting to the District Secretary, ACWD, 43885 S. Grimmer Blvd., Fremont, CA 94538, or to marian.hsu@acwd.com stating your name, mailing address, phone number, and brief description of the requested materials and preferred alternative format or auxiliary aid or service.

Members of the public may participate in this meeting in person at the District office located at 43885 South Grimmer Boulevard, Fremont or via webinar or teleconference. In person meetings are the primary format for the District's Committee meetings. The District desires to accommodate remote participation by the public, therefore as a courtesy and technology permitting, the public will have the opportunity to fully participate in the meeting via zoom webinar. However, the District cannot guarantee that the public's remote access to any meeting will be uninterrupted before or during a meeting, and technical difficulties may occur from time to time. In those instances, so long as the public may attend the meeting in person, the meeting may be held or continue. Members of the public desiring to provide comments as a part of the meeting are encouraged to either submit written comments prior to the meeting or to attend the meeting in person.

To participate via webinar, use the following link: <https://us02web.zoom.us/j/85836993671?pwd=COsynjZtavPVJqF627jbS9MRGZRqAV.1> (passcode: **944531**). To make comments or ask questions during the meeting, "raise your hand" or use the chat or Q&A feature in the zoom app at any time, or unmute and speak when invited.

To participate via teleconference, call any of the following phone numbers: 1-669-900-9128 or 1-346-248-7799 or 1-301-715-8592 followed by **858 3699 3671** (passcode: **944531**). To make comments or ask questions during the meeting, type *9 on your dial pad to "raise" or "lower" your "hand" at any time, or type *6 to mute or unmute and speak when invited.

This agenda and all accompanying materials can be viewed on the Alameda County Water District website at: www.acwd.org.

1. Public Comments
2. Vineyard Heights Valve Replacement
Presenter: Jacob Haas, Distribution Maintenance Supervisor
3. Water Treatment Chemical Costs Update – Tariffs
Presenter: Mike Wickham, Water Production Manager

Alameda County Water District

Vineyard Heights Valve Replacement

Jacob Haas
Distribution Maintenance Supervisor

Operations and Water Quality Committee Meeting

February 3, 2026

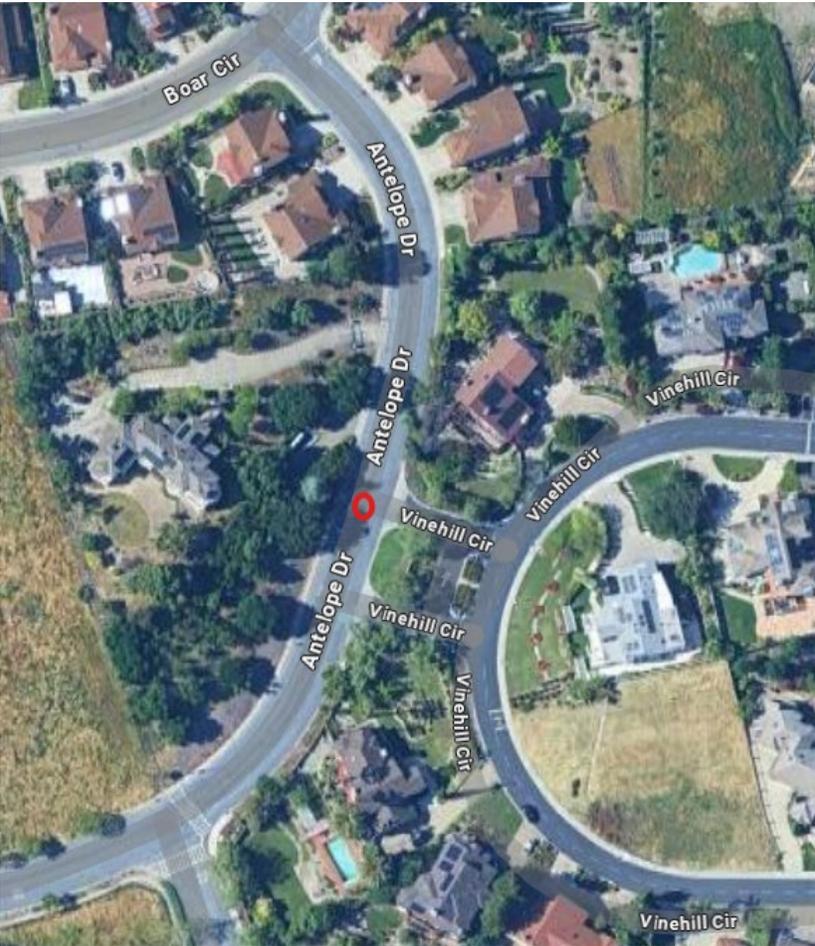
Vineyard Heights Booster Station



Job Site



Location



Vineyard Booster Station

- Inlet is Hidden Valley Tank, Zone 3
- Outlet is Vineyard Heights Tank, Zone 4

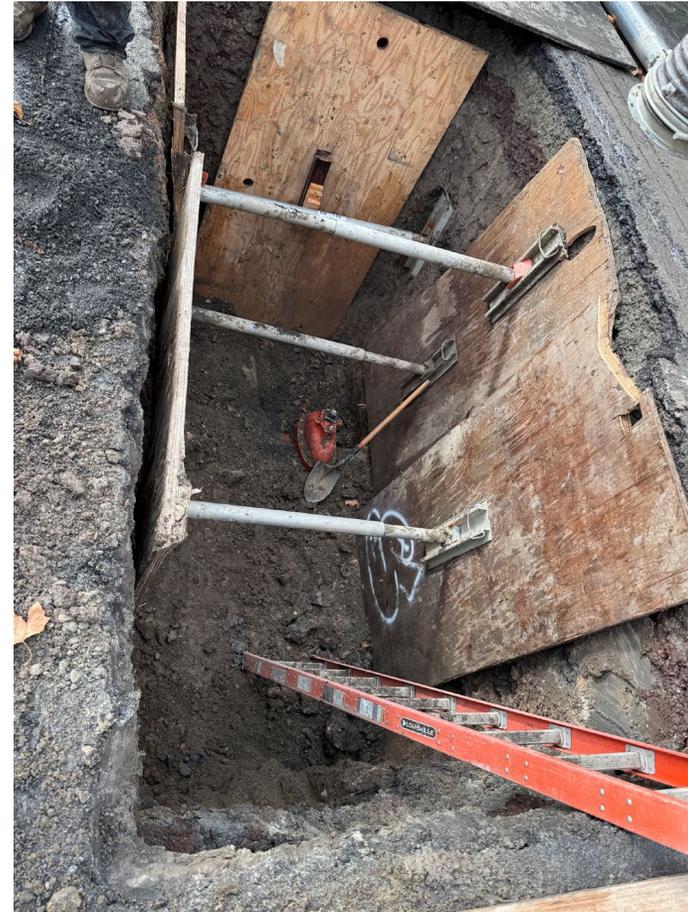
Objective

- Distribution Maintenance Division scope of work was to replace an isolation valve that was not fully closing.
- This work would allow the Facilities Maintenance Division to isolate the booster station from the distribution system to perform preventative maintenance work on a scheduled or as-needed basis while minimizing impacts to adjacent customers.

Traffic Control



Deep Excavation



Vineyard Heights Valve Replacement



Vineyard Heights Valve Replacement



Second Valve Replacement



Restoration



Questions?

Alameda County Water District

Water Treatment Chemical Costs Update - Tariffs

Mike Wickham
Water Production Manager

Operations and Water Quality Committee Meeting
February 3, 2026

Treatment Plant Chemicals

Agenda:

- *Bay Area Chemical Consortium (BACC)*
- *ACWD Bid Chemicals*
- *Tariffs Explained*
- *Tariff Contingency Planning*
- *Tariff Impacts to Date*

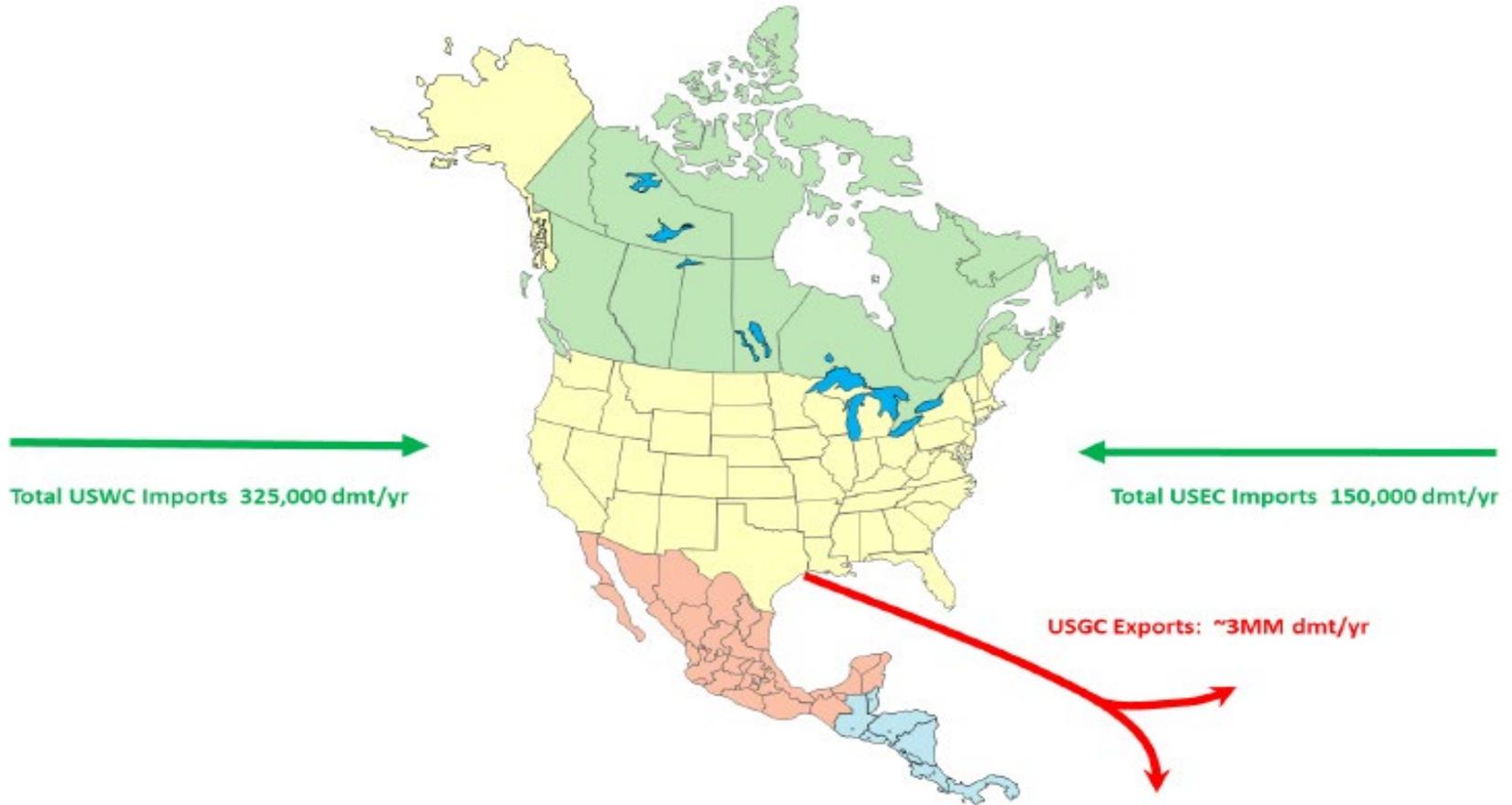
Bay Area Chemical Consortium

- BACC – 25 water and wastewater utilities from San Francisco Bay, Central Valley, and Sacramento areas.
- ACWD first participation in 2010
- 6 Treatment Plant Chemicals
 - ✓ sodium hypochlorite,
 - ✓ sodium hydroxide,
 - ✓ hydrofluorosilicic acid,
 - ✓ aqua ammonia,
 - ✓ aluminum sulfate
 - ✓ ferric chloride

Individually Bid Treatment Plant Chemicals

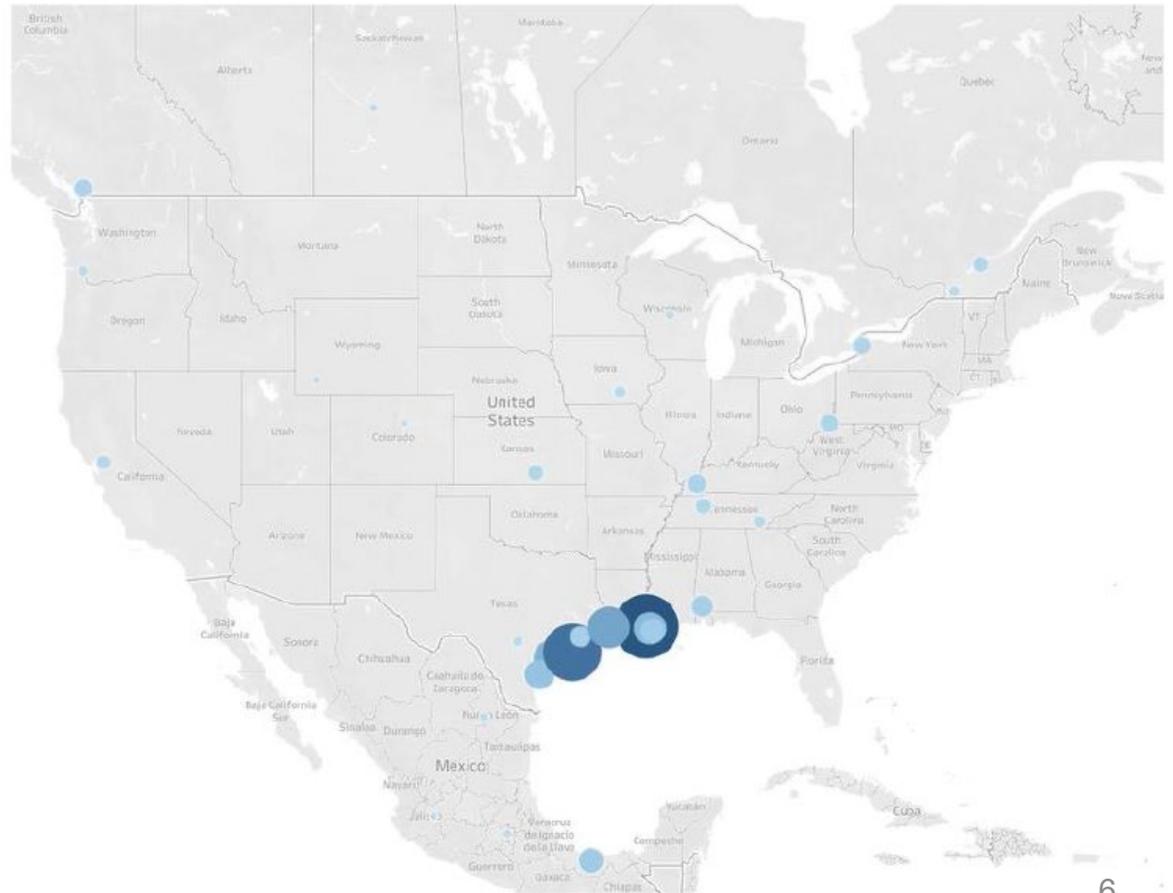
- Liquid Oxygen (LOX)
- Carbon Dioxide
- Anti-scalant
- Polymers: cationic, nonionic, anionic

Tariffs Described



Sodium Hydroxide Tariffs Explained

- US major producer of raw material = sodium chloride
- U.S major world exporter of sodium hydroxide
- Majority US production for sodium hydroxide in Gulf Coast
- Insufficient transportation infrastructure to meet east coast and west coast demands
- Less expensive to import from overseas than to transport from Gulf Coast
- Per chemical supplier ~ 7-8% cost increase



Chemical Production

- *Sodium Hypochlorite – US large producer, Canada and Mexico are primary importers for US*
- *Sodium Hydroxide- US large producer, Taiwan, Korea, Japan, China, EU and Norway main importers*
- *Aqua ammonia – Domestic production and Canada imports*
- *Hydrofluorosilic Acid – US produces less than 50% of domestic supply (most located east of Rockies) and imports from China and Taiwan*
- *Ferric Chloride – Domestic produced (~60%) in US, import from Canada*
- *Aluminum Sulfate – Domestic production, imports from Canada and Mexico, Sulfur prices increasing*

Chemical Production (con't)

- *Anti-Scalant – Proprietary ingredients, tariff impacts unknown*
- *Cationic Polymer – Us and China are large producers, tariff impact unknown*
- *Carbon Dioxide – US is largest producer – ethanol availability caused increases in 2021 – tariff escalation not anticipated*
- *Liquid Oxygen (LOX) – US is largest producer and world exporter - tariff escalation not anticipated*

Tariff Contingency Planning

- Increase Chemical Budget by 10%
 - ✓ *Sodium Hypochlorite*
 - ✓ *Sodium Hydroxide*
 - ✓ *Aqua Ammonia*
 - ✓ *Hydrofluorosilicic Acid*
 - ✓ *Ferric Chloride*
 - ✓ *Aluminum Sulfate*
 - ✓ *Anti-Scalant*
 - ✓ *Polymers*
- Staff Report recommending 5% contingency
 - ✓ *Possible surcharges*
 - ✓ *Reduced supplies*
 - ✓ *Unplanned facilities outages*

Tariff Impacts to Date

- Tariff charges on Cationic Polymer invoices (~3.4%)
- No Tariff charges on other chemical invoices to date
- We have seen other charges on invoices
 - “Energy Charge” for Liquid Oxygen

Questions

