

ALAMEDA COUNTY WATER DISTRICT

43885 So. Grimmer Boulevard
Fremont, CA 94538

OPERATIONS & WATER QUALITY COMMITTEE

AGENDA

Tuesday, January 6, 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.

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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. Specialized Utility Truck Bodies
Presenter: Jody Clarke, General Facilities Supervisor
3. PFAS Updates: U.S. Environmental Protection Agency, California Division of Drinking Water, San Francisco Bay Regional Water Quality Control Board
Presenter: Cris Pena, Engineering Supervisor

Alameda County Water District

SPECIALIZED UTILITY TRUCK BODIES

Jody Clarke

General Facilities Supervisor

Operations and Water Quality Committee Meeting
January 6, 2026

Background

- DMD and FMD field crews require trucks equipped for specialized tasks.
- Support safe and efficient maintenance and emergency work.
- Board approved purchase of five heavy-duty utility trucks (May 8, 2025).

FMD Utility Truck

- Standard utility body and compartments
- 8,000 lbs. hydraulic crane



DMD Utility Truck

- Custom utility body with specialized compartments
- 3,000 lbs. hydraulic crane
- PTO driven air compressor for pneumatic tools
- Tailgate with tool storage, dewatering pump, and worksurface
- Enhanced worksite safety lighting



Next Steps

- Agenda item for January 2026 Board meeting
- Amendment for specialized utility body packages for two DMD crew trucks
- Approximately \$223,591

Questions?

Alameda County Water District

PFAS Updates: U.S. Environmental Protection Agency California Division of Drinking Water San Francisco Bay Regional Water Quality Control Board

Cris Pena, Engineering Supervisor

Operations and Water Quality Committee Meeting

January 6, 2026

PFAS Updates

- ❖ US Environmental Protection Agency Maximum Contaminants Levels established in 2024
- ❖ California Division of Drinking Water Notification Levels for Per- and Polyfluoroalkyl Substances (PFAS)
- ❖ California Division of Drinking Water Monitoring Orders
- ❖ General Waste Discharge Requirements for Discharges of Groundwater – National Pollutant Discharge Elimination System (NPDES) Adopted

Definitions

- ❖ PFAS: Per- and Polyfluoroalkyl Substances, a large group of widely used, long lasting chemicals which break down very slowly over time and may be linked to harmful health effects in humans and animals.
- ❖ MCL: Maximum Contaminant Level, a legally enforceable standard established by the Environmental Protection Agency, which is the highest level of a contaminant that is allowed in drinking water.
- ❖ NL: Notification Level, health-based advisory levels established by the California Division of Drinking Water (DDW) for chemicals in drinking water that lack MCLs
- ❖ RL: Response Level, advisory level at which DDW recommends removing a source from service or installing treatment.
- ❖ $\mu\text{g}/\text{L}$: parts per billion
- ❖ ng/L : parts per trillion

US Environmental Protection Agency Maximum Contaminant Level

❖ Final Rule effective on June 25, 2024

Chemical	Maximum Contaminant Level Goal (MCLG)	Maximum Contaminant level (MCL)
PFOA Perfluorooctanoic acid	0 ng/L	4.0 ng/L
PFOS Perfluorooctane sulfonic acid	0 ng/L	4.0 ng/L
PFHxS Perfluorohexane Sulfonic Acid	10 ng/L	10 ng/L
HFPO-DA (GenX chemicals) hexafluoropropylene oxide dimer acid	10 ng/L	10 ng/L
PFNA Perfluorobutane sulfonic acid	10 ng/L	10 ng/L
Mixture of two or more: PFHxS, PFNA, HFPO-DA, and PFBS	Hazard Index of 1 (unitless)	Hazard Index of 1 (unitless)

CA – Division of Drinking Water

Revised Notification Levels

Chemical	Notification Level	Response Level	Issuance
PFOA Perfluorooctanoic acid	4.0 ng/L	10 ng/L	10/29/2025 02/06/2020 08/23/2019 07/13/2018
PFOS Perfluorooctane sulfonic acid	4.0 ng/L	40 ng/L	10/29/2025 07/13/2018 02/06/2020 08/23/2019
PFHxS Perfluorohexane Sulfonic Acid	3.0 ng/L	10 ng/L	10/29/2025 10/31/2022
PFHxA Perfluorohexanoic Acid	1.0 µg/L	10 µg/L	10/29/2025
PFBS Perfluorobutane sulfonic acid	0.5 µg/L	5 µg/L	03/05/2021

PFAS Regulatory Timeline



2018
CA-DDW
PFOA
 NL= 14 ng/L
 RL = 70 ng/L
PFOS
 NL= 13 ng/L
 RL = 70 ng/L

2019
CA-DDW
PFOA
 NL= 5.1 ng/L
 RL = 70 ng/L
PFOS
 NL= 6.5 ng/L
 RL = 70 ng/L

2020
CA-DDW
PFOA
 NL= 5.1 ng/L
 RL = 10 ng/L
PFOS
 NL= 6.5 ng/L
 RL = 40 ng/L

2021
CA-DDW

PFBS
 NL= 0.5 µg/L
 RL = 5 µg/L

 **2022**
CA-DDW

PFHxS
 NL= 3.0 ng/L
 RL = 20 ng/L

 **2025**
CA-DDW
PFOA
 NL= 4.0 ng/L
 RL = 10 ng/L
PFOS
 NL= 4.0 ng/L
 RL = 40 ng/L
PFHxS
 NL= 3.0 ng/L
 RL = 10 ng/L
PFHxA
 NL= 1.0 µg/L
 RL = 10 µg/L



2015
EPA - UCMR3
Minimum Reporting Level
 PFOS = 40 ng/L
 PFOA = 20 ng/L
 PFHxS = 30 ng/L



2023-2024
EPA - UCMR5
Minimum Reporting Level
 PFOS = 4 ng/L
 PFOA = 4 ng/L
 PFHxS = 3 ng/L
 PFHxA = 3 ng/L



2024
EPA MCL
 PFOS = 4.0 ng/L
 PFOA = 4.0 ng/L
 PFHxS = 10 ng/L
 PFNA = 10 ng/L
 GenX = 10 ppt
 Haz Index



2025
EPA MCL
 PFOS = 4.0 ng/L
 PFOA = 4.0 ng/L
Proposed to Rescind
 PFHxS
 PFNA
 GenX
 Haz Index

 **Monitoring Order for ACWD**



US EPA PFAS MCL Update

❖ May 14, 2025

- ❖ Keep MCLs for PFOA and PFOS
- ❖ EPA plans to provide additional time for compliance, including proposal to extend compliance date from 2029 to 2031
- ❖ Intends to rescind MCLs for PFHxS, PFNA, HFPO-DA (commonly known as GenX), and the Hazard Index
- ❖ Plans to issue a proposed rule Fall 2025 and finalize in Spring 2026

Division of Drinking Water Monitoring Orders

December 18, 2025 -DDW issues Monitoring Order DW 2025-0002-DDW

- ❖ Purpose to comply with EPA initial PFAS MCLs monitoring requirement
- ❖ Initial monitoring for ground and surface waters under the monitoring orders must be completed by end of 2026
- ❖ PFOS, PFOA, PFHxS, PFNA, HFPO-DA, and a mixture of PFHxS, PFNA, HFPO-DA, and PFBS
- ❖ Lowered Consumer Confidence Report Detection Levels (CCRD L)
- ❖ Sample groundwater and surface water quarterly
- ❖ Grandfathering of data collected after 2019 allowed

General Waste Discharge Requirements for Discharges of Groundwater

NPDES Permit for General Waste Discharge Requirements for Discharges of Groundwater was adopted December 10, 2025

- ❖ Order effective 7/1/2026
- ❖ Monitor for PFAS at least once by the end of 2027
- ❖ Develop and maintain a contingency plan describing procedures to ensure the facility remains in, or is rapidly returned to, operation in the event of equipment failure or emergency
- ❖ Develop and maintain a Spill Prevention Plan
- ❖ ACWD facilities remain identified within the permit as examples of Class 1 and Class 2 dischargers
- ❖ Order expires 6/30/2031

Impacts to ACWD

- **Blending Facility (w/6 MGD PFAS Treatment)**
 - EPA PFOS limiting: ~24-27 mgd
- **Desal Facility**
 - CA PFHxS limiting: ~18% Blend-around
 - EPA PFOS limiting: ~ 35% Blend-around
- **Additional PFAS monitoring**
- **Update Operational Plans**
- **Update NDF key reliability features for PFAS**
- **Future revisions to Blending Facility and NDF permit amendments**

Questions?