



January 28, 2026

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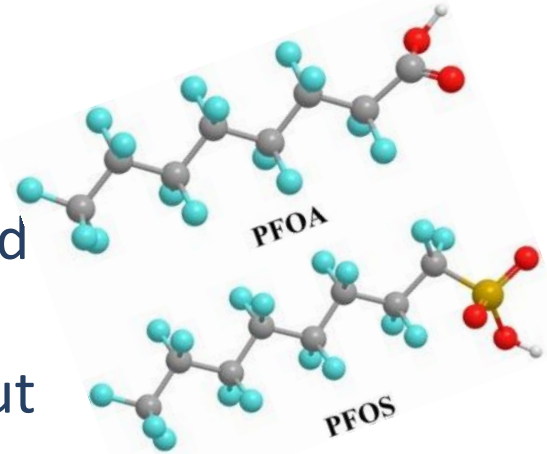
# Monthly Update on PFAS Pilot Project and Preliminary Design Report – January 2026

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# Overview

## Regulatory Background

- EPA issued PFAS drinking water rule in April 2024 (six MCLs, effective 2029).
- In 2025, EPA announced possible changes and a deadline extension (not finalized).
- California has no clear plan or timeline yet but appears likely to follow the original 2024 rule.
- April 2029-compliance deadline for California public water systems



# Overview

## Sweetwater Authority PFAS Monitoring

- UCMR-5 PFAS testing began October 2024 at Perdue WTP.
- PFOA, PFHxS, and PFOS have been detected above California Notification Levels.
  - December 2024: Public notification for PFOA and PFHxS.
  - December 2025: Public notification for PFOS.
- PFOA and PFOS have been detected above upcoming 2029 federal MCLs.

## Consultants Procurements

- RFQ-Owner's Adviser-Tetra Tech
- RFP-PFAS Pilot Study and Pre-Design Report-Carollo



# Overview-PFAS Monitoring (4<sup>th</sup> Otr CY24 through 1<sup>st</sup> Otr CY26)

Sweetwater Reservoir - Intake Tower (ng/L)																	
Sample Date	Quarter	PFBS	Quarterly Average PFBS	PFHxS	Quarterly Average PFHxS	PFOS	Quarterly Average PFOS	PFOA	Quarterly Average PFOA	PFHxA	Quarterly Average PFHxA	PFNA	Quarterly Average PFNA	HFPO-DA	Quarterly Average HFPO-DA	Hazard Index	Quarterly Average Hazard Index
2/6/2025	1	14.0	11.7	14.0	11.6	22.0	19.0	16.0	13.5	10.0	8.4	4.0	3.2	ND	ND	1.8	1.5
3/20/2025	1	9.3		9.2		16.0		11.0		6.8		2.4		ND			
4/24/2025	2	9.2	9.4	11.0	10.6	14.0	14.3	9.7	10.2	6.4	6.9	2.4	2.5	ND	ND	1.3	1.3
5/8/2025	2	9.2		9.9		15.0		10.0		7.0		2.2		ND			
6/5/2025	2	9.9		11.0		14.0		11.0		7.2		2.8		ND			
7/17/2025	3	13.0	12.0	13.0	12.7	20.0	19.0	12.0	12.0	7.7	6.9	2.8	3.0	ND	ND	1.6	1.6
8/14/2025	3	12.0		12.0		19.0		12.0		6.5		2.9		ND			
9/16/2025	3	11.0		13.0		18.0		12.0		6.4		3.3		ND			
10/9/2025	4	11.0		11.0		20.0		12.0		6.2		3.9		ND			
11/20/2025	4	11.0	10.4	12.0	10.7	19.0	18.7	12.0	11.0	8.3	6.9	3.5	3.5	ND	ND	1.5	1.4
12/10/2025	4	9.3		9.1		17.0		9.1		6.1		3.1		ND			
1/8/2026	5	8.7	8.7	9.2	9.2	13.0	13.0	8.6	8.6	6.0	6.0	2.0	2.0	ND	ND	1.1	1.1
Quarterly Running Annual Average			10.1		10.8		16.3		10.5		6.7		2.7		0.0		1.4

Perdue Water Treatment Plant-Clearwell Effluent (ng/L)																			
Sample Date	Quarter	PFBS	Quarterly Average PFBS	PFHxS	Quarterly Average PFHxS	PFOS	Quarterly Average PFOS	PFOA	Quarterly Average PFOA	PFHxA	Quarterly Average PFHxA	PFNA	Quarterly Average PFNA	HFPO-DA	Quarterly Average HFPO-DA	Hazard Index	Quarterly Average Hazard Index	% Sweetwater Reservoir	% SDCWA Raw
10/23/2024	1	11.0	11.0	6.6	6.6	5.7	5.7	9.4	9.4	7.8	7.8	ND	ND	ND	ND	0.7	0.7	100	0
1/14/2025	2	11.0	10.4	9.0	7.6	5.3	4.1	11.0	9.6	8.6	8.0	ND	ND	ND	ND	0.9	0.8	100	0
2/5/2025	2	11.0		6.9		4.0		9.9		9.3		ND		0.7		100		0	
3/20/2025	2	9.2		6.9		3.0		7.9		6.0		ND		0.7		100		0	
4/15/2025	3	ND	6.6	ND	5.9	ND	2.9	ND	5.8	ND	5.1	ND	ND	ND	ND	ND	0.6	0	100
4/23/2025	3	9.4		8.2		3.4		8.1		6.5		ND		0.8		100		0	
5/8/2025	3	9.2		9.0		4.8		8.8		7.3		ND		0.9		100		0	
6/24/2025	3	7.8		6.3		3.3		6.4		6.4		ND		0.6		69		31	
7/17/2025	4	7.6	9.9	6.9	10.0	5.1	8.4	7.9	10.3	5.4	7.1	ND	0.9	ND	ND	0.7	1.1	76	24
8/14/2025	4	11.0		11.0		6.1		11.0		8.4		ND		1.1		100		0	
9/16/2025	4	11.0		12.0		14.0		12.0		7.6		2.6		1.5		100		0	
10/9/2025	5	13.0		12.0		10.0		13.0		8.1		2.3		1.4		100		0	
11/20/2025	5	10.0		9.8		8.4		10.0		8.4		7.7		1.2		100		0	
12/10/2025	5	9.5	9.0	8.3	8.4	4.5	5.1	7.6	7.4	6.5	6.3	1.3	1.3	ND	ND	1.0	1.0	100	0
1/8/2026	6	9.0		8.4		5.1		7.4		6.3		1.3		1.0		100		0	
Quarterly Running Annual Average			9.1		8.6		6.0		8.4		6.5		1.0		0.0		1.0		

# Scope of Work

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Overall Goal: Develop PFAS mitigation strategies for the Perdue Water Treatment Plant to meet state and federal regulations.

## Key Tasks

- Evaluation of PFAS treatment technologies
- Bench-scale and pilot testing, as needed
- Preparation of a PFAS Preliminary Design Report
- Cost estimates, permitting considerations, and implementation recommendations



# Project Status

- Kick-Off Meeting: January 6, 2026
- Request for Information: January 19, 2026
- Desktop Study: In Progress

Milestone	Completion Date	Status
Obtain Background Information and Water Quality Data	January 19,2026	Completed
Desktop Study	February 9, 2026	In Progress
Bench-Scale Testing	April 3, 2026	Scheduled
Pilot Study Recommendation/Plan	May 18, 2026	Scheduled
Preliminary Design Report (Draft)	July 31, 2026	Scheduled
Pilot Testing	August 21, 2026	Scheduled
Preliminary Design Report (Final)	September 2, 2026	Scheduled



# Next Steps

## 1. Complete Desktop Study by February 9

- Complete Site Visit and Interviews, Identify Pilot Locations
- Determine Optimal Blend, Pre- or Post-Treatment Requirements
- Evaluation of Technologies and Novel Approaches
- Identify Viable Options for Bench-Scale Testing
- Develop Bench Test Protocol

## 2. Start Bench-Scale Testing on February 10

- Six RSSCT Columns
- Confirm Removal Efficiencies
- Refine Design and Operating Conditions
- More Accurate O&M Cost Estimates

## 3. Provide Monthly Update on February 25

- Staff will provide periodic project updates to the Board



# Questions?

