

# Environmental Services Division Update

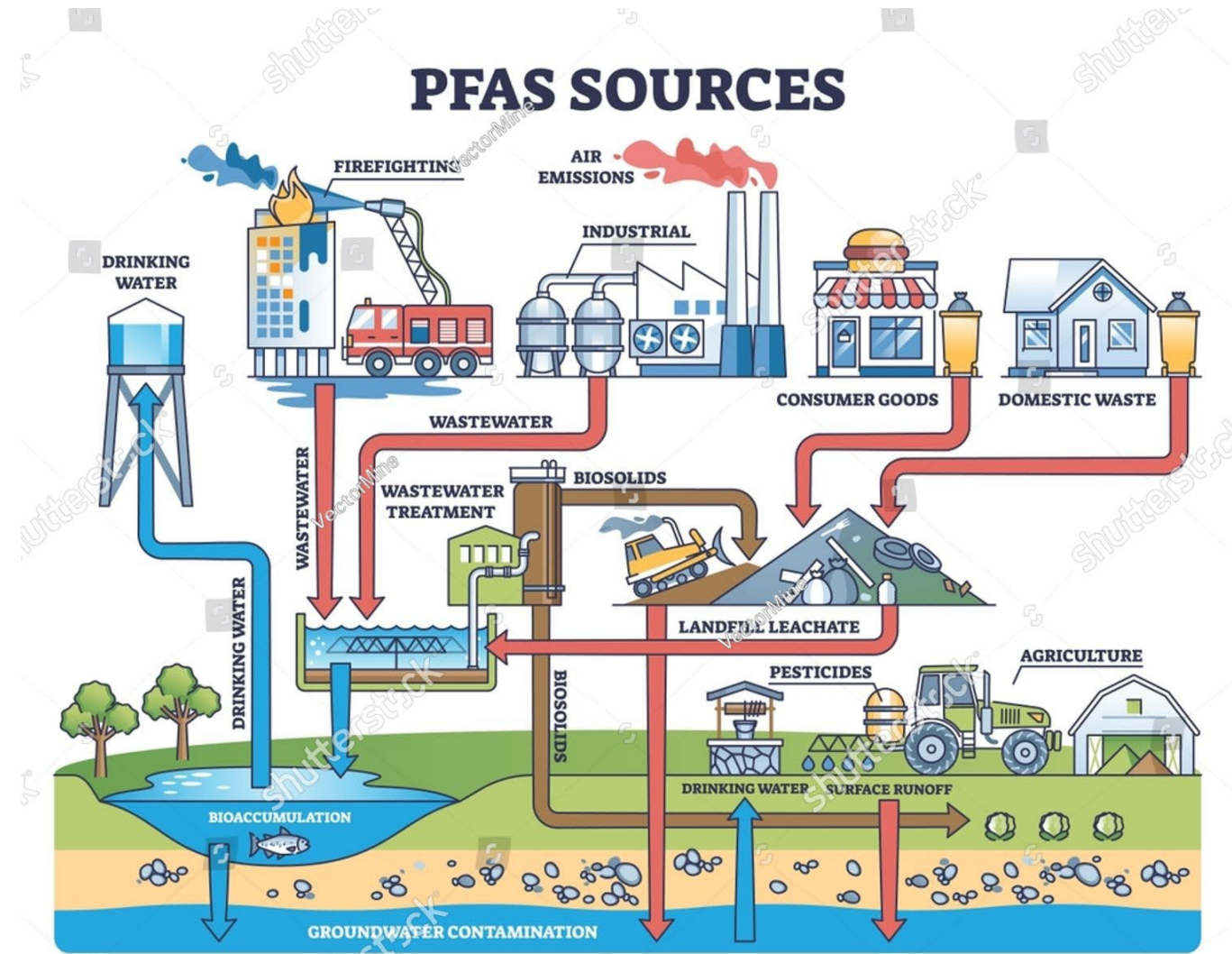
Subregional Technical Advisory Committee  
February 13, 2025



OUR FUTURE IN EVERY DRÖP

# Discussions

- Trucked Waste Update
- PFAS Updates



# Review of Trucked Waste Program

- Tipping volumes
- Program changes



OUR FUTURE IN EVERY DRÖP



# Waste Types Accepted

- **Septic Receiving -**  
*Portable Toilets/Chemical Toilets*  
*Septic Tank Cleanouts*
- **High Strength Waste Station-**  
*Animal Processing Waste*  
*Beverage Processing Waste*  
*Fats, Oils, and Grease*  
*Food Processing Liquids*
- **Emergency Holding Basin-**  
*Low and Moderate Strength Wastes*



# Trucked Waste Coordinator

- Reclassification of a Department Application Specialist to the new position
- Report to Environmental Compliance Supervisor
- Will develop programs to increase monitoring and evaluation of trucks
- Support the program to be right-sized for our operational capacities
- Work closely with operations and maintenance staff to identify issues and develop solutions

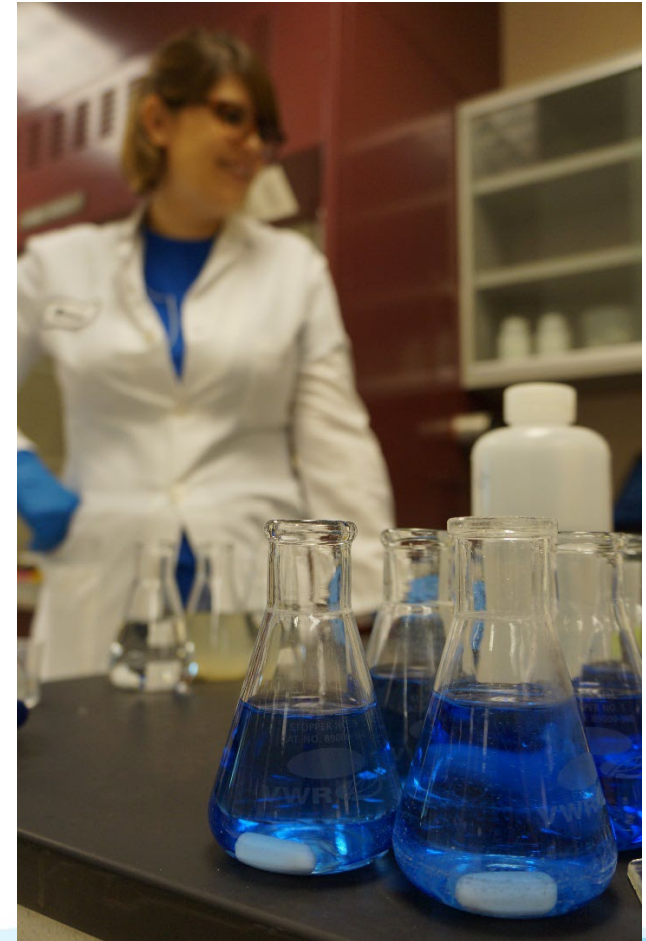


OUR FUTURE IN EVERY DRÖP



# Benefits of increased sampling

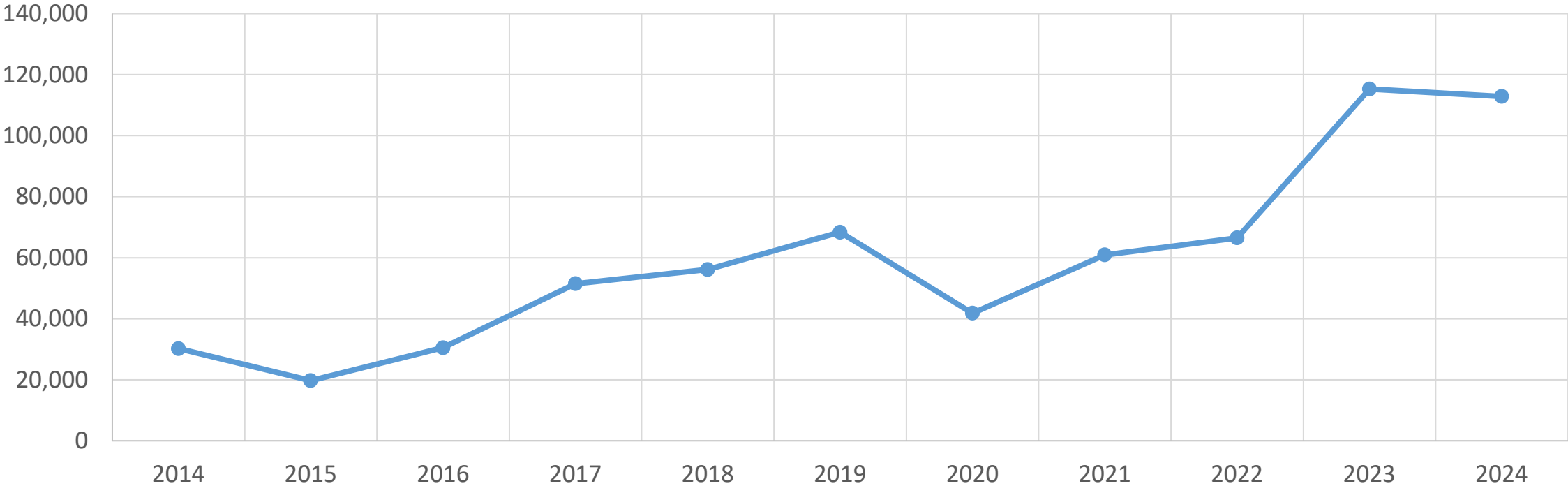
- Amount of increased medium strength waste reclassified from low-strength waste
- Developed study on relative waste strength for UV transmittance blocking material from leachate



# Leachate UV Blocking Impacts

Site	% Transmittance	Dilution Factor
Sonoma Leachate	24.9%	3
Grab n Grow	0.01%	600
Potrero Hills	0.79%	10
Calistoga Leachate	0.23%	20
Roblar Leachate	74.8%	1
Poncia Compost	0.01%	500
Mecham Leachate	0.19%	20

# Trucked Waste Gallons in 1,000 gal



OUR FUTURE IN EVERY DRÖP



# PFAS Update

- EPA released Draft Sewage Sludge Risk Assessment for PFOA and PFOS – January 2025
- Series of news articles from NY Times and others on the topic

***‘Forever Chemicals’ Reach Tap Water via Treated Sewage, Study Finds***

Wastewater, even after treatment to make it drinkable, contains high levels of PFAS, according to researchers.

***In a First, the E.P.A. Warns of ‘Forever Chemicals’ in Sludge Fertilizer***

Levels of PFAS in sewage sludge used as fertilizer can pose risks that sometimes exceed safety thresholds “by several orders of magnitude,” the agency said.

***The E.P.A. Promotes Toxic Fertilizer.  
3M Told It of Risks Years Ago.***

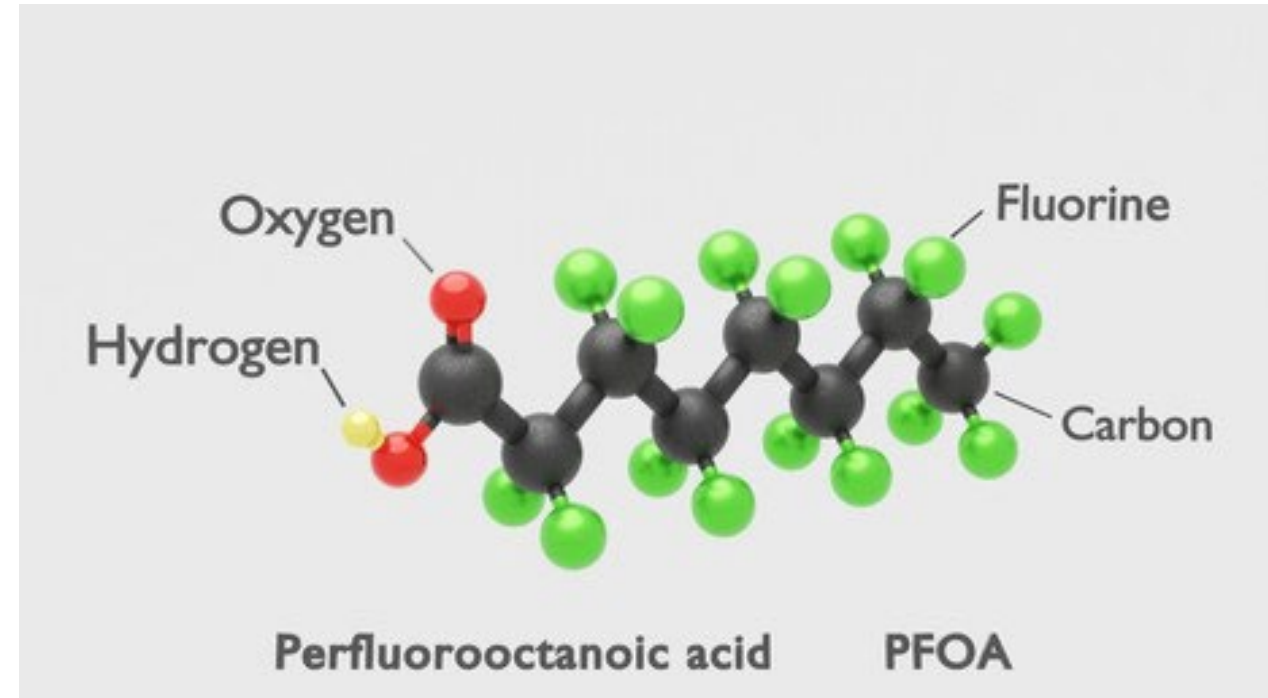
The agency obtained research from 3M in 2003 revealing that sewage sludge, the raw material for the fertilizer, carried toxic “forever chemicals.”



OUR FUTURE IN EVERY DROP

# City of Santa Rosa PFAS Taskforce

- Started in 2023
- Interdisciplinary team
- Participate in national studies
- Review technical information
- Review sampling data
- Develop sampling program for source identification





# Special Studies

- Dr. Lee at Purdue University
  - Fate of PFAS in environment, plant uptake, soils, and ground water
  - Study throughout the Country
- Dr. Ian Pepper Study
  - PFAS mobility and persistence in soil
  - Working in Baylands and other biosolids application sites



# Questions



OUR FUTURE IN EVERY DRÖP