

STAFF REPORT



To: Board of Directors

From: Mohammed Serageldin, Lab Manager

Date: March 26th , 2026

Subject: Monthly Lab Report

RECOMMENDATION

Receive Report - Informational only; no action required.

DISCUSSION

1. Staff completed sampling for the monthly Pebble Beach Sodium Adsorption Ratio (SAR) samples.
2. Staff completed sampling for the monthly Central Coastal Long-Term Environmental Assessment Network (CCLEAN) Monitoring.
3. On 03/03/2026, the lab received the final approved field assessment report from International Accreditation Service (IAS). The Lab Manager applied for ELAP certification on the State Water Resources Control Board website on the same day. On 3/10/2026, the lab received confirmation that the Environmental Laboratory Accreditation Program (ELAP) application submitted is complete and acceptable.
4. The Lab finished filling in all the required information (to the best of our knowledge) in the Excel workbook sent by Accelerated Technology Laboratory Inc (ATL) for constructing the newer Laboratory Information Management System (LIMS) version (V10). The Excel workbook was sent to Operations to update the names of the sampling sites.
5. Wastewater Public Health Surveillance Update: The following graphs provide a summary of ongoing wastewater plant influent public health surveillance testing being funded by the Center for Disease Control National Wastewater Surveillance System program.

VIRUSES

Note: Samples taken twice per week at CAWD Wastewater Treatment Plant. Tests completed by Verily Life Sciences LLC. Full graphs are available at www.cawd.org/pathogen-concentration-levels

SARS-CoV-2 (COVID) – Past 12 Months:

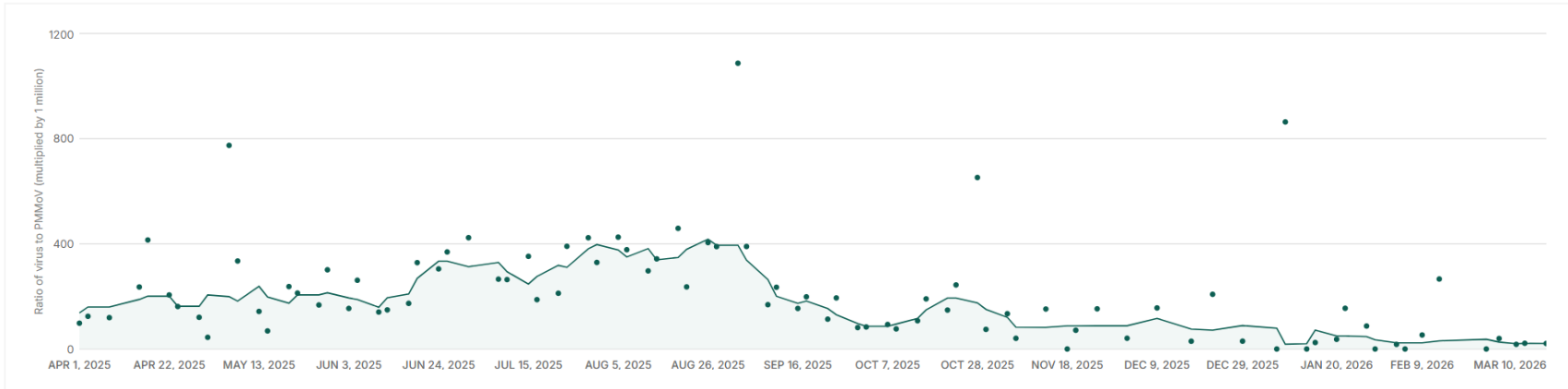
Pathogen levels for Carmel Area WD (CA) - Facility Influent

PMMoV normalized Show Outliers

Pathogen: SARS-CoV-2 Date range: Last 12 months

Plot points represent raw sample values on collection dates, which are not always at regular intervals. Trend lines have been smoothed. [Learn more](#)

Raw sample Pathogen trend



Respiratory Syncytial Virus (RSV) – Past 12 Months:

PMMoV normalized Show Outliers

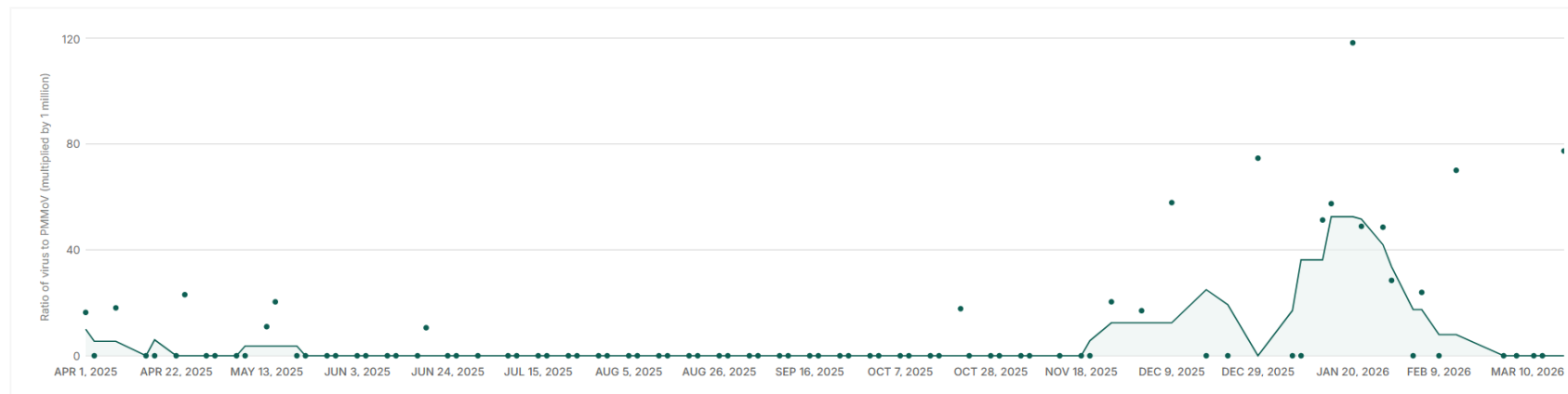
Pathogen
RSV

Date range
Last 12 months

Plot points represent raw sample values on collection dates, which are not always at regular intervals. Trend lines have been smoothed.

[Learn more](#)

Raw sample Pathogen trend



Influenza A- Past 12 Months:

PMMoV normalized Show Outliers

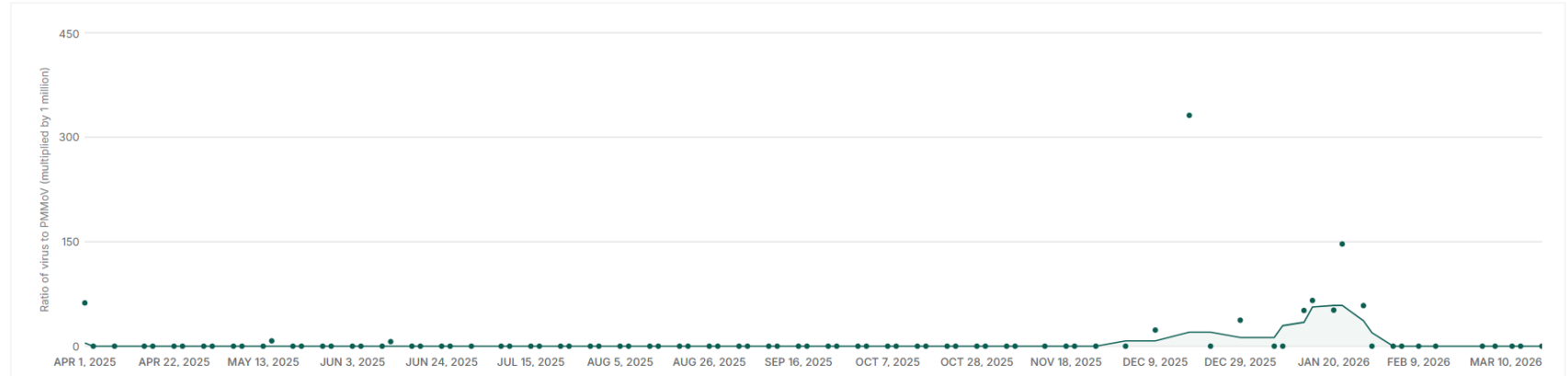
Pathogen
Influenza A

Date range
Last 12 months

Plot points represent raw sample values on collection dates, which are not always at regular intervals. Trend lines have been smoothed.

[Learn more](#)

Raw sample Pathogen trend



Influenza B- Past 12 Months:

PMMoV normalized Show Outliers

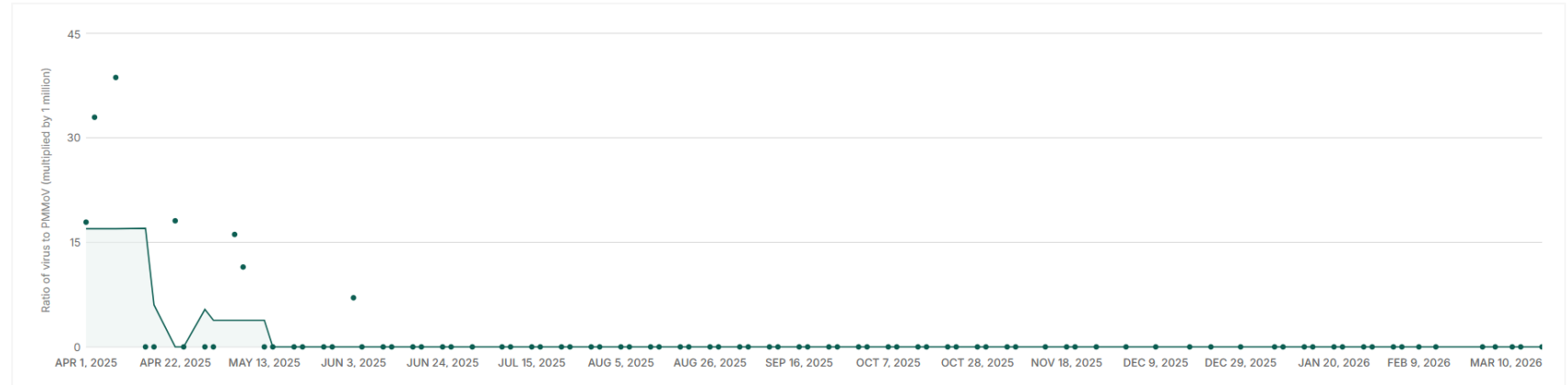
Pathogen
Influenza B

Date range
Last 12 months

Plot points represent raw sample values on collection dates, which are not always at regular intervals. Trend lines have been smoothed.

[Learn more](#)

Raw sample Pathogen trend



Monkey Pox Virus (MPKV) – Past 12 Months:

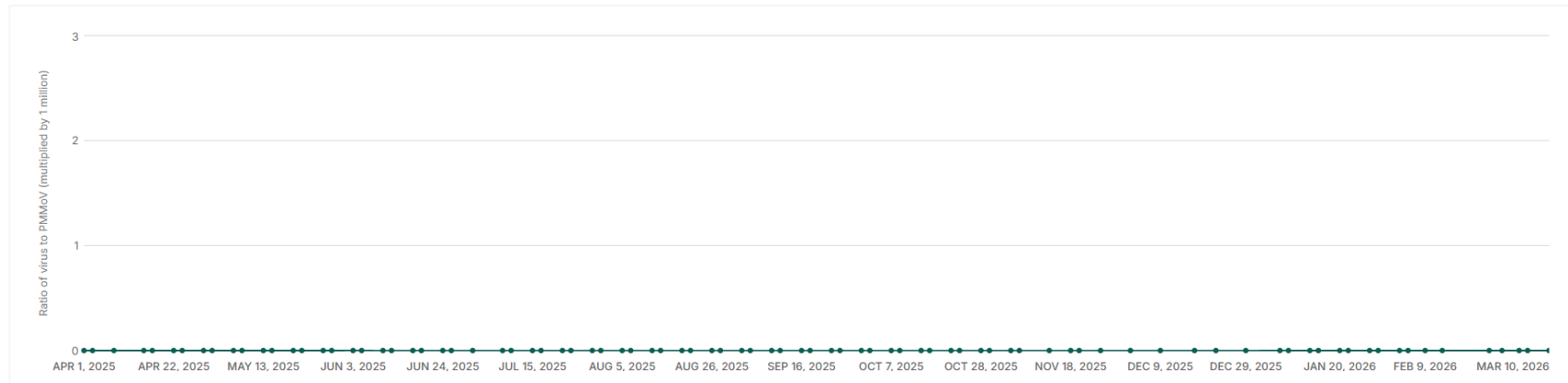
PMMoV normalized Show Outliers

Pathogen
Mpox virus

Date range
Last 12 months

i Plot points represent raw sample values on collection dates, which are not always at regular intervals. Trend lines have been smoothed. [Learn more](#)

Raw sample Pathogen trend



HIGH RISK SUBSTANCES

Note: Samples taken once per week at CAWD Wastewater Treatment Plant. Tests completed by Biobot Analytics.

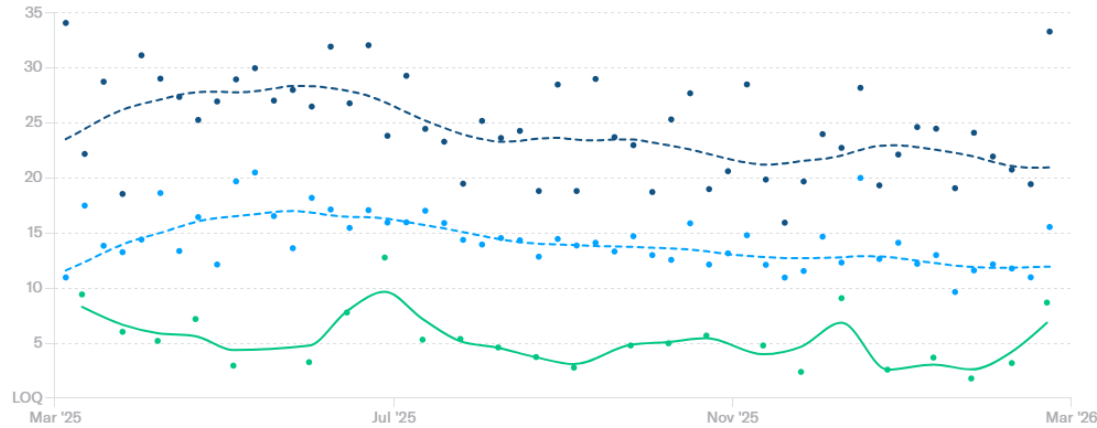
Fentanyl – Past 12 Months:

Fentanyl Norfentanyl

Compare Fentanyl or Norfentanyl Across Locations

Show Scatter Points Show Smoothed Line Display data flagged as outliers and/or failed QC

Effective Concentration (ng/L)



Line Patterns:

— Sample Site - - - Regional/National

Concentration Calculation:

— Smoothed Concentration • Effective Concentration

Date Range

90 days 6 months All Time

2025-03-01

→ 2026-03-12

Select Locations 3 Selected

Clear

Select locations

- US National Average X
- West Regional Average X
- Carmel Area WD (CA) - Facility Influent X

Methamphetamine – Past 12 Months:

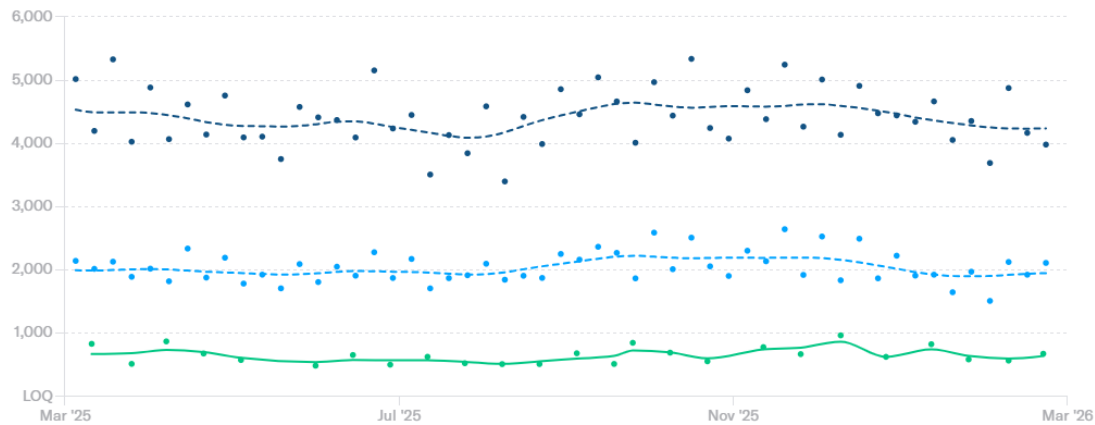
Methamphetamine Amphetamine



Compare Methamphetamine or Amphetamine Across Locations

Show Scatter Points Show Smoothed Line Display data flagged as outliers and/or failed QC

Effective Concentration (ng/L)



Line Patterns:

— Sample Site - - - Regional/National

Concentration Calculation:

— Smoothed Concentration • Effective Concentration

Date Range

90 days 6 months All Time

2025-03-01 → 2026-03-12

Select Locations 3 Selected

Clear

Select locations

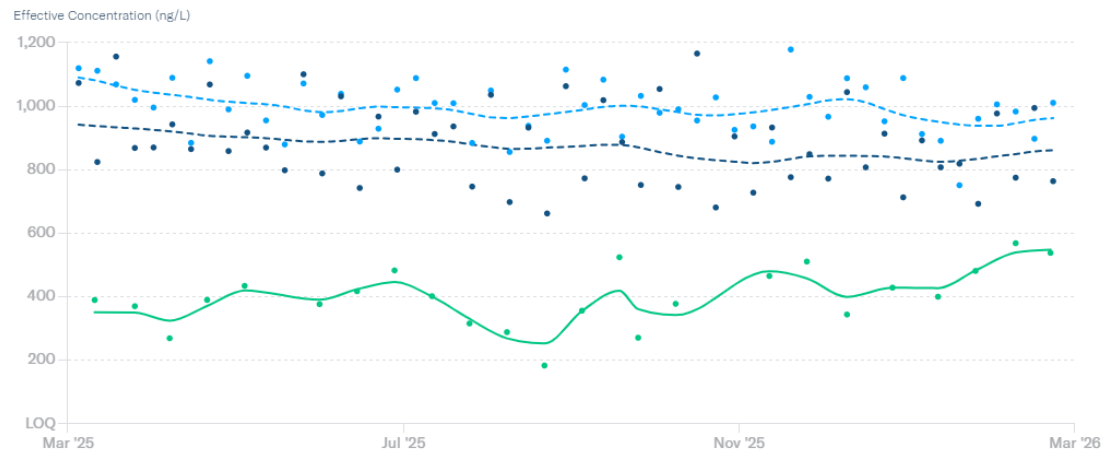
- US National Average X
- West Regional Average X
- Carmel Area WD (CA) - Facility Influent X

Cocaine – Past 12 Months:

Cocaine Benzoyllecgonine

Compare Cocaine or Benzoyllecgonine Across Locations

- Show Scatter Points
- Show Smoothed Line
- Display data flagged as outliers and/or failed QC



Line Patterns:
— Sample Site - - - Regional/National

Concentration Calculation:
— Smoothed Concentration • Effective Concentration

Date Range: 90 days 6 months All Time
2025-03-01 — 2026-03-12

Select Locations 3 Selected Clear

Select locations

- US National Average X
- West Regional Average X
- Carmel Area WD (CA) - Facility Influent X

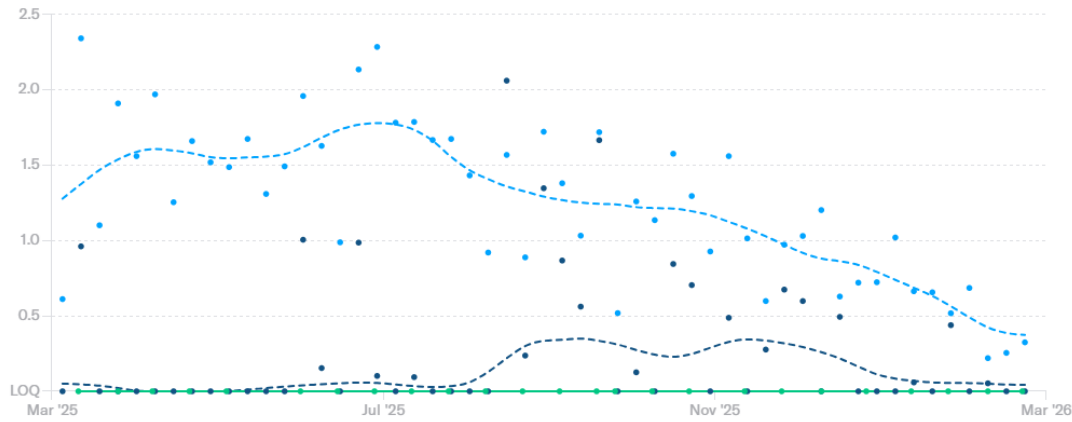
Xylazine (Tranq) – Past 12 Months:

Xylazine 4-hydroxyxylazine

Compare Xylazine or 4-hydroxyxylazine Across Locations

Show Scatter Points Show Smoothed Line Display data flagged as outliers and/or failed QC

Effective Concentration (ng/L)



Line Patterns:

— Sample Site - - - Regional/National

Concentration Calculation:

— Smoothed Concentration • Effective Concentration

Date Range

90 days 6 months All Time

2025-03-01 → 2026-03-12

Select Locations 3 Selected

Clear

Select locations

- US National Average X
- West Regional Average X
- Carmel Area WD (CA) - Facility Influent X

FUNDING

N/A Information Only