

Wastewater Surveillance

October 2026

Program Updates

RPHL (CalSuWers)

RPHL has announced the program will expand its regular sampling schedule from one weekly sampling event to two weekly sampling events. The new schedule began September 28th, 2026.

CDC NWSS Contract

CDC competitively awarded the next iteration (2026-2031) of wastewater testing to Verily Health. CDC will support up to 200 sites. VSD awaits to hear if they will be selected to participate.

About the Program

Wastewater surveillance is used to monitor the presence of pathogens or substances within VSD's service community by tracking trends in rates. Public officials can utilize the data to create prevention programs, initiatives for control, and assistance with emergency situations.

VSD is committed to being transparent and ethical in regard to sample collection practices and data sharing to ensure all results are based on the general population.



VSD Program

Websites (Partnered)

- RPHL (CalSuWers)
- WastewaterSCAN
- Biobot (Pathogens)
- Biobot / ONCDP



Active Programs – Parameters monitored

WastewaterScan

Website: [Valley Sanitary District](#)

**Note: Temporarily paused Human Parainfluenza measurements to focus on H5*

Seasonal & Emerging Respiratory Pathogens	Enteric Pathogens	Emerging & Outbreak Pathogens
SARS-CoV-2 Influenza A + B + H1 + H3 + H5 RSV Metapneumovirus Enterovirus D68 Parvovirus	Rotavirus Human Norovirus GII Human adenovirus group F	Candida Auris Hepatitis A Measles Mpox (Ib, II) Mycobacterium tuberculosis (TB) West Nile Virus blaNDM

National Institute on Drug Abuse (NIDA) Program

High-Risk Substances	Opioids – Illicit & Adjacent	Opioids – Rx	SUD Treatment & Intervention
Alprazolam Cocaine Fentanyl Ketamine Medetomidine Methamphetamine Nicotine Xylazine	Acetyl Fentanyl Carfentanil Heroin Parafluorofentanyl Sufentanil Tianeptine	Codeine Dihydrocodeine Hydrocodone Hydromorphone Morphine Oxycodone Oxymorphone Tramadol	Buprenorphine Methadone Naloxone

Biobot Analytics

Respiratory Pathogens	Gastrointestinal Pathogens	Other
SARS-CoV-2 Influenza A + B RSV Metapneumovirus (hMPV)	Human Norovirus GII (pending)	Hepatitis A (pending) HIV (pending)

Riverside Public Health (RPHL) - CalSuWers

SARS-CoV-2	Influenza A + B	RSV
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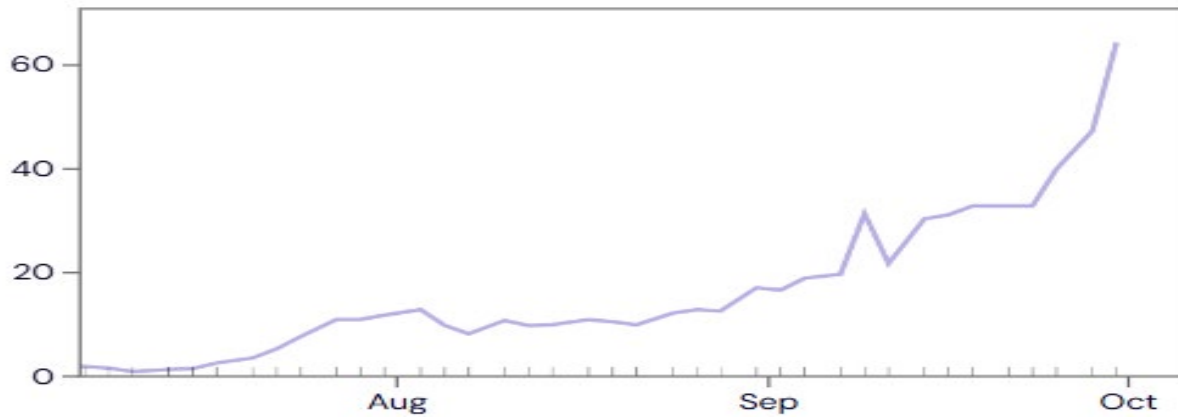
WastewaterScan

SARS-CoV-2

Medium



No trend in the last 21 days and medium concentration

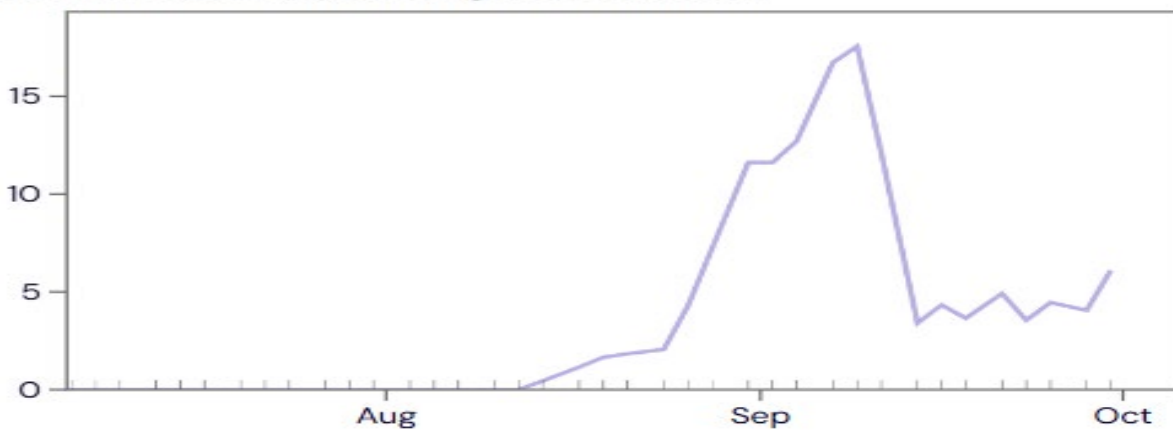


EVD68

High



No trend in the last 21 days and high concentration

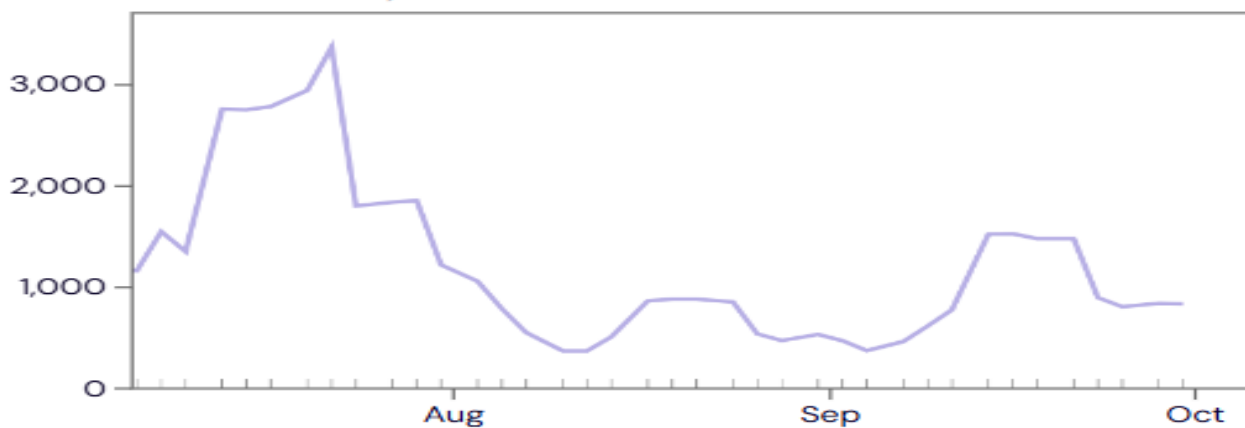


Norovirus

Low

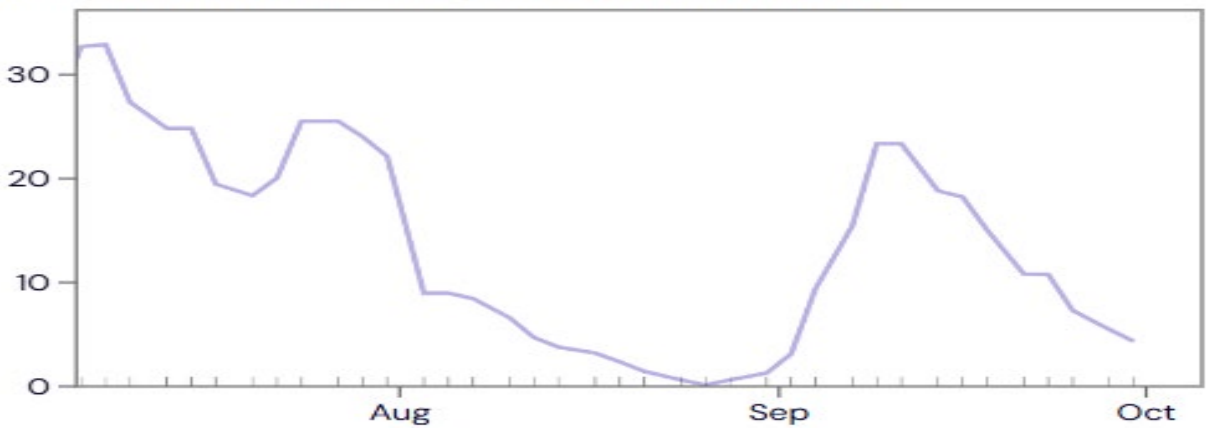


No trend in the last 21 days and low concentration



Rotavirus Low

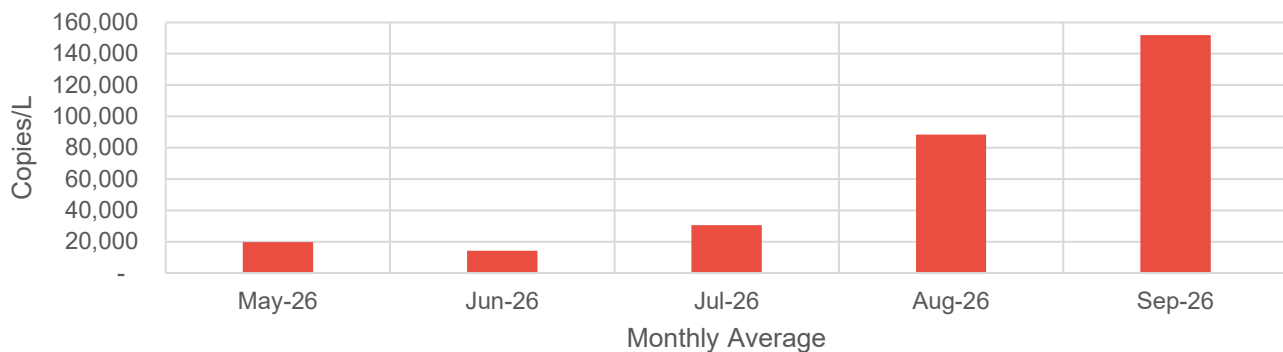
Downward trend in the last 21 days and low concentration



RPHL (CalSuWers)

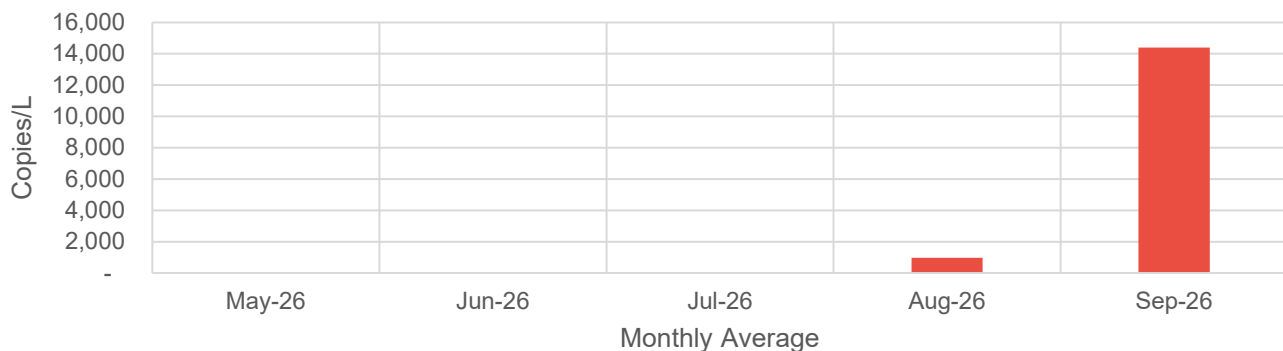
VSD Wastewater Treatment Plant Covid-19 Concentration

Average Number of Viral Copies per Liter of Wastewater by Month



VSD Wastewater Treatment Plant RSV Concentration

Average Number of Viral Copies per Liter of Wastewater by Month



BioBot - Pathogens

SARS-CoV-2

[View Command Center](#) —
copies/L



BioBot – ONCDP

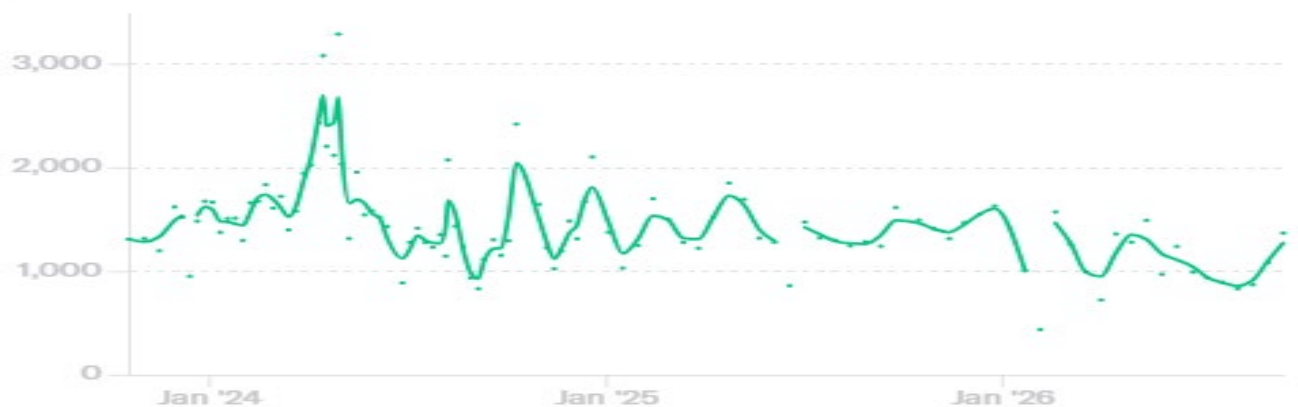
Alprazolam

[View Command Center](#) —
ng/L



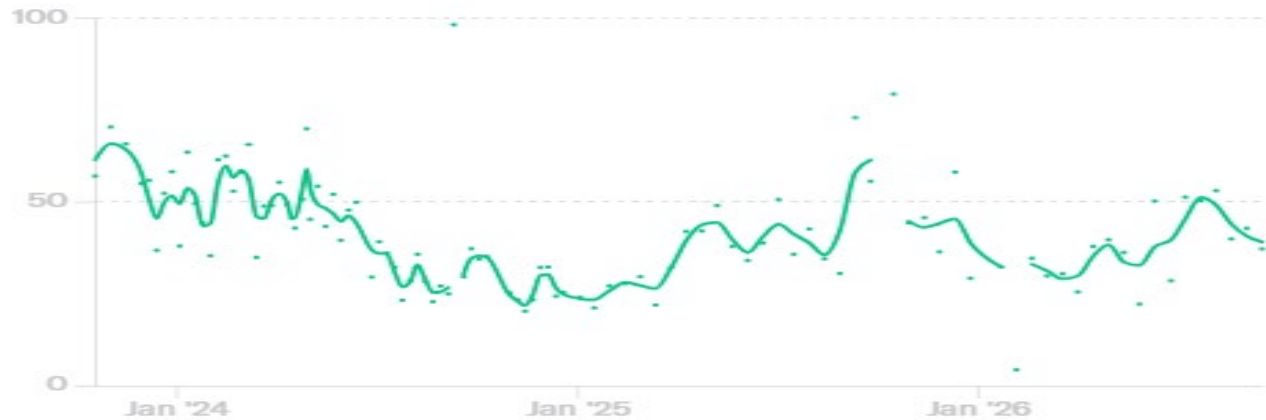
Cocaine

[View Command Center](#) —
ng/L



Fentanyl

[View Command Center](#) →
ng/L



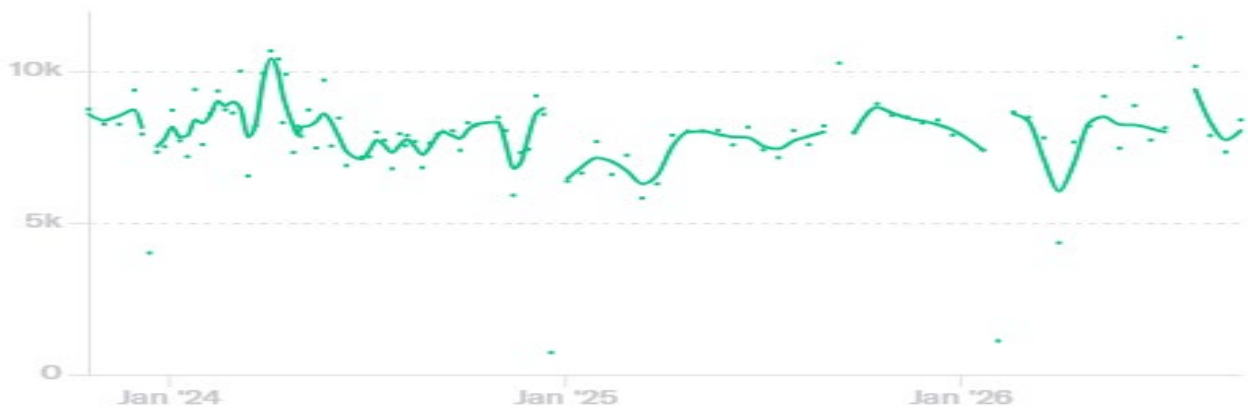
Ketamine

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ng/L



Methamphetamine

[View Command Center](#) →
ng/L



Nicotine

[View Command Center](#) —

ng/L



Acetyl Fentanyl

[View Command Center](#) —

ng/L



Heroin

[View Command Center](#) —

ng/L



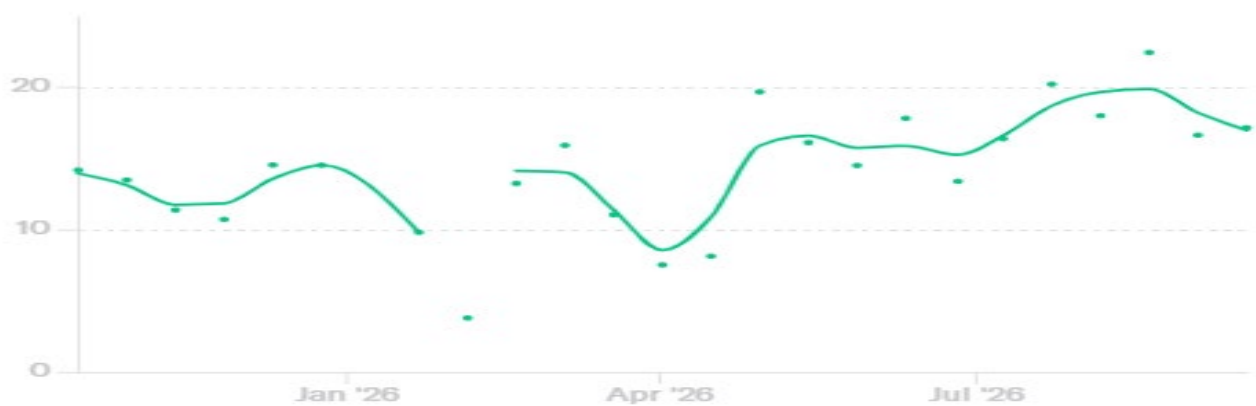
Codeine

[View Command Center](#) —
ng/L



Dihydrocodeine

[View Command Center](#) —
ng/L



Hydrocodone

[View Command Center](#) —
ng/L



Hydromorphone

[View Command Center](#) —
ng/L



Oxymorphone

[View Command Center](#) —
ng/L



Tramadol

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Fentanyl