waterCAST SURVEILLANCE

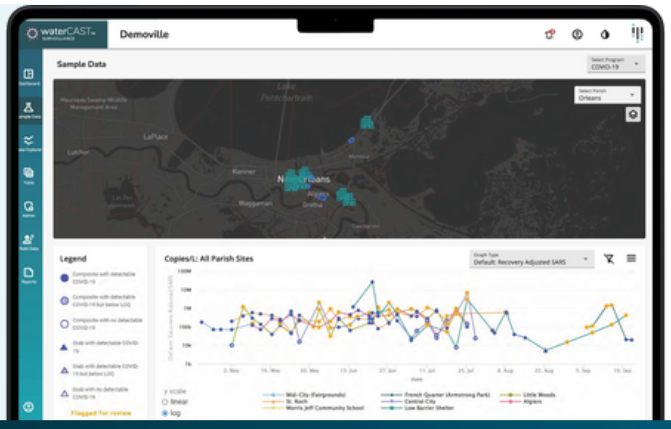
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What is waterCAST Surveillance?

waterCAST Surveillance delivers wastewater monitoring and predictive insights to support public health. It has integrated statistical models to help identify evolving trends in viral concentrations, enabling earling intervention to prevent outbreaks and protect communities.

Product features:

- End to end sampling data collection & delivery
- Viral trend identification & early warning
- Purpose-built dashboards & notification systems
- Configurable data display & analytics (COVID-19, Monkeypox, PFAS, Water Quality, Narcotics, etc.)



Centralize public health data available from your sewers to mitigate emerging outbreaks with one dashboard.

How does it work?

waterCAST Surveillance takes sample data and puts it into an easy-to-access and easy-to-understand platform. Statistical models and data visualization help correlate wastewater signals to other data, accurately diagnosing the problem.

- **Conduct sampling with ease:** The mobile app enables teams to capture all sampling details. An open data connector connects to private or state labs. Integrated data management with automated QC processes provides a seamless connection between field reports and sample results.
- **Maintain field data repository:** Standardize sample collection and data storage methodologies.
- **Identify potential viral trends:** Correlate wastewater data to other public health data such as clinical cases to help contain emerging outbreaks.
- **Empower community engagement:** Send automated notifications to schools, correction departments, regional health departments, and others to report observed trends.
- **Mitigate human factor and inequality:** Unbiased detection independent of healthcare access, awareness, or the availability of testing kits.

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Why waterCAST Surveillance?

The quest for better ways to protect public health commands growing interest. As wastewater surveillance emerges with much potential, its implementation requires an overwhelming range of expertise and resources.

With waterCAST Surveillance, public health agencies have a single solution built with a collection of expertise (data management, wastewater epidemiology, and water expertise), while streamlining sampling and compliance reporting processes to save you time and money. As part of the waterCAST platform, waterCAST Surveillance provides a plug-and-play solution–with little customization needed on your end–and equips your team with insights and intelligence for mitigating public health risks. Access and share your critical wastewater surveillance data in near real-time at your desk, on the go, or with the community using web and mobile-based applications.

