



WASTEWATER SURVEILLANCE PROGRAMMING

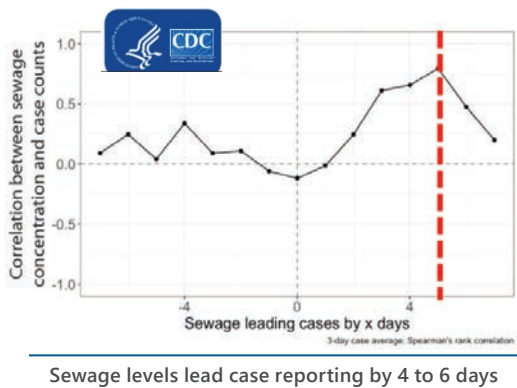
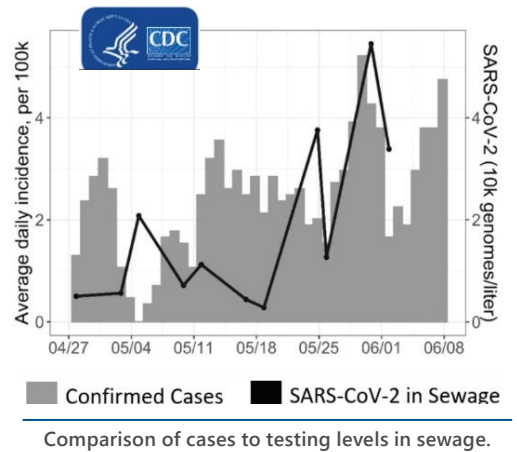
WHAT IS WASTEWATER SURVEILLANCE?

The wastewater utility industry has always served an essential role, providing safe and reliable sewer services to maintain healthy living conditions for our communities. Facing the ever present challenges of the COVID-19 pandemic, new wastewater testing sciences and technologies, recognized by the CDC, have emerged to measure concentrations of the virus in wastewater.

Now your sewers can give you vital information to monitor your community pandemic spread, helping you promote social distancing and mask mandates, or guide reopening plans for restaurants and other public gathering venues.

WHAT ARE THE BENEFITS?

Wastewater testing and sampling produces accurate, near real-time trending data to help you understand infection levels in your community. Surveillance arms you with intelligence to help with policy decisions to protect your community. Sampling can be done at any level—community, neighborhood, or building, giving you the potential to identify outbreaks in areas before they occur.

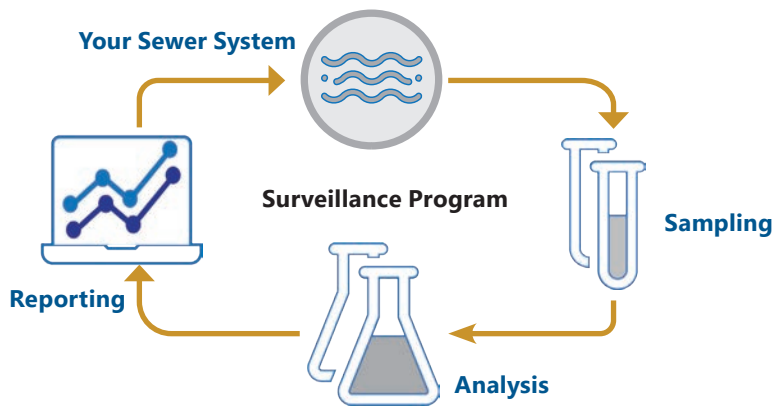


BUILD A PROGRAM TO MONITOR FOR YOUR NEEDS



HOW IT WORKS

When the SARS-CoV-2 virus (COVID-19) attacks a person's body, it leaves a trail of genetic evidence that ends up in the sewer system. Using emerging sciences, wastewater samples are analyzed to quickly and accurately measure viral trails by assessing concentration levels in wastewater samples. Regular testing and monitoring can produce timely infection trends to help you manage public outreach for your community.



Planning • Sampling • Reporting

RJN, a recognized leader in wastewater engineering and inspection services, will put "safety first" when installing samplers and collecting data. Our secure, web-based Clarity® application will quickly put trending results in your hands.

OUR PROGRAM PROMISE

- ✓ Develop a testing plan designed for your community needs.
- ✓ Establish sampling and monitoring processes that will produce meaningful trend data.
- ✓ Implement the sampling program with daily reviews.
- ✓ Quickly provide testing results graphically and geospatially via Clarity®.
- ✓ Provide early detection trending to support public policy decisions for pandemic outbreaks.



Sample Testing • Analysis

GT Molecular, a molecular applications company, responsively delivers accurate molecular assays to detect harmful pathogens like the SARS-CoV-2 in wastewater. They adhere to established, tested, and accepted professional approaches for sampling analysis process.

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