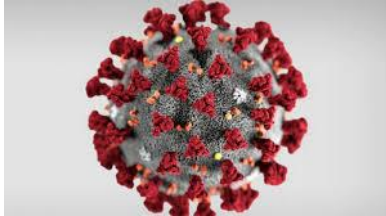


SARS -CoV-2 SEWAGE MONITORING



WHO SHOULD MONITOR

- MUNICIPALITIES - TOWNS & CITIES
- WASTEWATER TREATMENT PLANT – LIFT STATIONS
- BOAT FLEETS
- SCHOOLS – UNIVERSITIES
- BUSINESS – MANUFACTURING PLANTS
- NURSING HOMES, HOSPITALS



POINTS TO CONSIDER:

Studies have indicated that testing wastewater allows for assessing the presence and spread of Covid-19 infection in a population.

Municipal wastewater is considered to be a rich source of data about community health. Globally, numerous efforts are underway to monitor wastewater for SARS-CoV-2.

Wastewater-based epidemiology (WBE) has proven to be a useful tool to monitor communities for other viruses including poliovirus, hepatitis A and norovirus. WBE can be more scalable than individual testing providing a leading indicator of community spread which is critical to preventative efforts.

Exact Scientific validates method each and every run to ensure the integrity of the results.

WHY MONITOR

By monitoring the sewage SARS-CoV-2 can be found up to 3 days in advance of symptoms. Sewage testing allows for detection of asymptomatic infected people along with infected people. For larger municipalities, a background study is done to establish a normal positive baseline. From there monitoring is done at an established time to watch for increases that go above the established baseline.

For small towns, boats, schools, or businesses, if the initial sample tests negative, any positive will indicate a potential issue. By monitoring boat pump outs or isolating sewage from a small population a positive could prevent an outbreak.

WHERE TO GET MORE INFORMATION

Interesting in learning more about our process or how to initiate testing for your specific needs? Just give us a call and our experts can walk you through the process. Sampling kits are available to help you start your testing program immediately.

CALL EXACT SCIENTIFIC AT 360-733-1205