

COVID-19

EARLY DETECTION TESTING



TURNKEY WASTEWATER ANALYSIS



Updated 10/22/20 / Expires 11/22/20

COVID-19 Early Detection Strategy

Wastewater Testing Services

Understanding the full extent of the COVID-19 pandemic is an ongoing challenge for corporations in the USA and around the world. When it comes to detecting and mitigating the Corona virus, Tiger has the solution to stop the spread of disease before it starts. Our expert team of safety personnel provides wastewater testing services to detect COVID-19 in the very early stages of life within the human body.

Scientific studies have shown that the SARS-CoV-2 virus can be detected in low levels within human waste. This can be a leading indicator as a person begins shedding before they feel sick. Reports done by major universities and organization have show that there is no lag between the spread and symptoms. Early wastewater research provides a 4 - 6 day advance notice of the virus in human waste. With this advanced notice, Tiger's team can mitigate the virus in the very early stages prior to the spread throughout your organization, facility or plant.

University Waste Stream Testing

- UNCC
- University of Arizona
- Clarkson University
- MIT
- OSU
- University of Tennessee
- NDSU
- Yale

Municipals Waste Stream Testing

- New Haven, Connecticut
- Richland, Lucas Counties
- Ohio Department of Health / Ohio Environmental Protection Agency
- University Arizona
- Gallatin County, Tennessee
- Houston Health Department
- Utah Department of Environmental Quality



Tiger Testing has the ability to offer our customers flexibility and granularity in how we sample from your facility. Our expert team members are able to tap into your main sewer line, floor by floor or even by a specific restroom. Anywhere we can tap into the sewer line and add an auto sampler, we can take a specimen providing more specific information on the location of a potential outbreak.

The process is actually quite simple. Tiger's technical team will work with your building maintenance department to setup a system that works for your facility.



Who Can Benefit from COVID-19 Sewage Testing

UNIVERSITIES

Made up of high-risk individuals with multiple sources and transmission potential; often has its own treatment system

COLLEGE SPORTS TEAMS

High-contact community with an elevated risk of contraction and spreading

PROFESSIONAL SPORTS TEAMS

High-contact community with an elevated risk of contraction and spreading

NURSING HOMES

Vulnerable yet fixed residency that contributes to the wastewater and can be paired with routine testing

PRISONS

Stable, close-range residents contributing to wastewater and can pair with routine testing

FOOD PROCESSING FACILITIES

Detection alone informative and could pair with testing (serology, nasal, or fecal wipes)

APARTMENT COMPLEXES

Constant close-range residents contributing to wastewater.

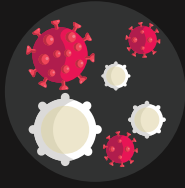
OFFICE BUILDINGS

Constant close-range employees contributing to wastewater.



Wastewater Monitoring for Early detection of COVID-19

People within targeted facilities such as an retirement home, dormitory, office building or processing plant, can be exposed to the SARS-CoV-2 virus.



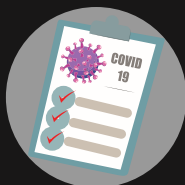
DAY 1

Samples are collected for analysis from local wastewater networks.



DAY 3-4

Detection of the virus is reported to the client to initiate early intervention measures.



DAY 4-6

Tiger can perform mass workforce testing to identify individuals who test positive.



DAY 5-14

DAY 2-3



Virus carriers begin shedding the virus in human waste, whether or not they show symptoms.

DAY 4



The virus' genetic code is extracted and genetically analyzed.

For further COVID-19 mitigation, Tiger offers the following services:

Consulting Services

Environmental Surfaces PCR Testing

Back to Work Management System

- Employee Screening
- Employee Classification & Monitoring
- Quarantine Units or Base Camps
- Employee Sanitizing Tunnel
- PPE

Decontamination and Disinfecting

Product Testing

Safety Technician Training