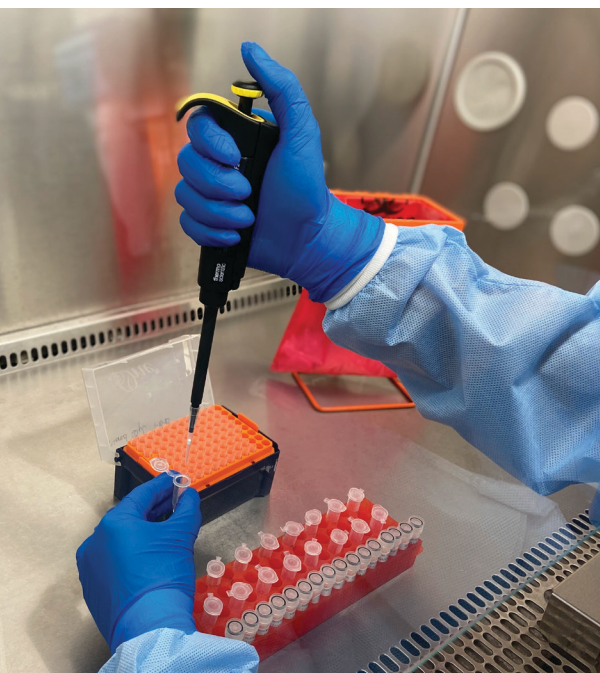


Water Management Services Rapid Response

COVID-19 Adaptive Reuse of Space



Various building spaces are being considered for alternative use during local, state, or federal COVID-19 public health response. Adaptive reuse could apply to healthcare, hospitality, education, commercial business buildings or large convention/sports venues. These spaces may be used for screening, triage, patient care, quarantine, staff quarters, or temporary housing occupancies. Yet, scientific evidence found opening facilities without proper water management commissioning services has led to waterborne disease cases and deaths. Water quality in unoccupied areas may not be safe for patient care operations or human consumption depending upon a variety of factors related to building occupancy type or the time the space has been dormant.

WMS Rapid Response Services — COVID-19



Commissioning Protocols

- ✓ Sampling Plan
- ✓ Flushing
- ✓ Disinfection
- ✓ Fixture Cleaning



Microbio Panel Analysis

- ✓ Next Day *Legionella* PCR
- ✓ TimeZero™ *Legionella*
- ✓ Total Bacteria (THAB)
- ✓ Total Coliform



Water Chemistry Analysis

- ✓ Metals Analysis
- ✓ Discolored Water
- ✓ Turbidity

FOR MORE INFORMATION, VISIT:
[INFO.PHIGENICS.COM/RAPIDRESPONSE](https://info.phigenics.com/rapidresponse)

Water Management Services Rapid Response

COVID-19 Adaptive Reuse of Space



Healthcare

(Hospitals, Clinics & Long-term care)



Education



Commercial

(Office, Convention, Mixed Use)



Retail



Hospitality

When implementing requirements for ANSI/ASHRAE Standard 188 (2018) building owners are to perform water management services related to system start-up and shutdown for potable building water distribution systems.

As part of advancing best practices for your organization's water management program, through the WMS Rapid Response service offering, Phigenics works with your facility operations and water management team to address water safety issues for adaptive reuse of space during urgent response.

- ✓ Alignment with ANSI/ASHRAE Standard 188 (2018)
 - + Section 7.1.1 System Start-Up and Shut-Down
 - + Section 8.4 Commissioning (during building start-up and on-going operations)
 - + Proper flushing and disinfection protocols for building water distribution systems from Building Owner's beneficial occupancy through the first business day of operations



Reduce the risk of waterborne disease from adaptive reuse of space



Maintaining reliable source of water during an urgent response



Reduce dependency on limited outside water sources (low bottled water availability)



Confidently perform hand hygiene and bathing activities during infectious disease outbreak



Protect healthcare staff & caregivers



Increase building owner defensibility



Improve real estate / asset management



Use cloud-based documentation to track verification and validation steps