



Pario Engineering & Environmental Sciences LP is committed to providing services that complement our existing offering and provide valuable assistance to our clients and industry partners.

ENVIRONMENTAL HYGIENE SERVICES



We are pleased to offer additional services specific to the **management of health and safety**, related to the **risks presented by COVID-19**.

This includes the following:

- **Abatement verification assessments**
 1. In-field qualitative testing of surfaces for **residual organic material** with Adenosine Triphosphate (ATP) bioluminescence on-site testing and analysis, and Pario's cleanliness verification auditing protocol; and
 2. Third party accredited laboratory analysis (via real-time PCR) of surficial swabs to confirm the **presence or absence of COVID-19** on non-porous objects.
- Preparation of **sanitization and cleaning protocols** and best practices to be followed for risk reduction of staff
- Site specific **abatement plans**
- Operation-specific **risk management plans**

HOW DOES IT WORK?

- Pario's Luminometers are the EnSure monitoring system, produced by Hygiena. This system utilizes **single-use surface tests**, which contain **bioluminescent enzymes**. These release light in the presence of **Adenosinetriphosphate (ATP)**, which is present in all manner of cells.
- For ATP testing: While **viruses do not contain ATP**, the **media that they would be present along with (saliva, mucous, blood, etc.) do**. The ATP testing provides a **quantitative reading of the cleanliness of a surface**, as it is impossible to remove bacteria or other cells but leave the virus in place.
- Pario conducts clearance testing based on an internal protocol developed in consultation with the Environmental Protection Agency (**EPA**), **Health Canada**, Institute of Inspection Cleaning and Restoration Certification (**IICRC**), and World Health Organization (**WHO**) recommended best practices, in addition to the principles of Occupational Hygiene and Infection Control.

WHAT DOES IT MEAN?

Now more than ever knowing the cleanliness of a work surface is on the minds of organizations making every effort to keep workplaces safe. Pario's Environmental Hygiene Services pairs highly trained experts with advanced technology to mitigate risks present in the workplace, providing protection and peace of mind.