



TECH NOTE

CLOUD-BASED WELLWATCHER® ANALYTICS PLATFORM OFFERS 24/7/365 VISIBILITY ON LANDFILL GAS COLLECTION SYSTEMS

WellWatcher® Analytics

WellWatcher Analytics from Loci Controls provides 24/7/365 visibility into Loci's automated landfill gas collection product and service offering, delivering increased gas collection, decreased costs, and reduced risks. WellWatcher is a cloud-based platform designed specifically for landfill owners or landfill gas power plant operators.

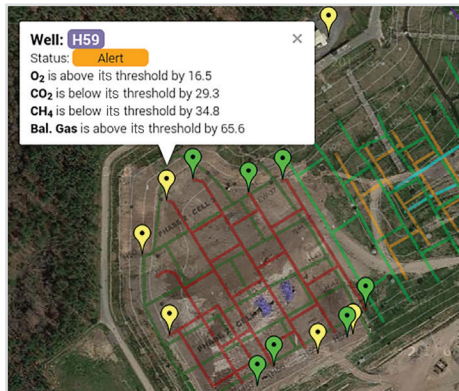
Featuring a graphical user interface allowing real-time accessibility via desktop, laptop, or tablet, WellWatcher Analytics offers unprecedented landfill gas collection visibility, improving safety, boosting performance, and streamlining operation of the landfill gas collection system. User-configured data tracking with automated interval set points, a custom gas collection parameters display, with custom set points and alerts (delivered via text or email) allow for a landfill gas collection system that is customizable, adaptable, and automated.

Loci Controls' proprietary control algorithm allows for the automated, remote operation of a landfill gas collection system, and it can be tailored to maximize energy production over the life of the landfill, as well as minimize odors and fugitive emissions. User-configured set points allow for maximum gas collection (subject to gas composition/quality requirements), such as maximize methane content or minimize balance gas or O₂, for a range of applications, including LFG to electricity, LFG to high-BTU gas, or LFG to liquids.

WellWatcher Analytics and all landfill gas collection system data is secured using TLS encryption and certificate-based host authentication. Account credentials are encrypted both in transit and on our servers. All Loci Controls' hardware communicates with our servers via an on-demand cellular private IP data service. Loci Controls' servers are hosted at Amazon Web Services, an ISO-27001-certified cloud provider.

WELLWATCHER® ANALYTICS PLATFORM

Our cloud-based analytics platform is accessible 24/7/365 by desktop, laptop, or tablet. The WellWatcher graphical user interface provides visibility of the landfill gas collection system in real time, improving safety, performance, and operations of the well-field system. User-configured data display and tracking, as well as custom set points and alerts (via text or email), allow for both landfill gas collection technicians and operations management to maximize revenue, reduce labor costs, and troubleshoot operational problems in the collection system—all while minimizing odors and fugitive emissions.



WHY LOCI CONTROLS?

With financial, operational, and environmental benefits, Loci Controls' product/service suite helps streamline and optimize facility management and gas collection for power plant operators and landfill owners alike.



INCREASE REVENUE

- Maximize methane gas flow
- Optimize gas composition
- Automate real-time wellhead adjustment and data collection
- Boost plant uptime



DECREASE COSTS

- Lower labor costs for well-field tuning and O&M
- Reduce equipment maintenance costs



REDUCE RISKS

- Reduce fugitive LFG emissions
- Prevent significant maintenance issues

