Detecting Oxygen Leaks with headerMonitors

APIS INNOVATION

Apis headerMonitors

Apis headerMonitors can be deployed anywhere on a landfill, and minimize the time it takes to detect and correct problems in the field. Our dashboard provides real-time monitoring and control, offering visibility into gas quality, pressure, and temperature, ensuring optimal conditions and rapid problem detection.

Key Benefits

- Maximize landfill gas collection
- Quickly detect gas field issues
- Data driven well field operations

Simplifying Field Management

Using Apis headerMonitors, you can break up the field into manageable zones.

7 headerMonitors
can effectively provide data on
68 gas wells

Rapid Issue Detection

When an air intrusion caused a decrease in landfill gas quality at one of our Pennsylvania sites, Apis' headerMonitors swiftly identified the issue through real-time measurements and alerts. Using the dashboard's GeoView and automated notifications, the team quickly determined which header was affected, significantly reducing their search area.

With Apis Cloud, the site minimized the time spent searching for the leak and resolved the issue before it escalated, preventing potential risks like RNG plant shutdowns or subsurface fires. Instant notifications and alerts sent directly to phones or emails ensured prompt action and minimized downtime.

Maximizing Efficiency and Reducing Downtime

Apis' diagnostic tools and alerts enable teams to act faster, reducing downtime and improving operational efficiency. By detecting leaks in minutes instead of hours, headerMonitors save technician time and resources. This tool empowers teams to respond quickly in the field, preventing disruptions and reducing operational costs. With real-time data and automated alerts, Apis helps teams make informed decisions that enhance safety, optimize performance, and drive long-term success.

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