

Timely Emissions Mitigation for Remote Site

Minimizes Production Loss and Reduces Environmental Hazards



PROBLEM

Unidentified fugitive emissions at a remote unmanned site impact production and environmental safety, potentially resulting in escalated cleanup costs and repairs.



ASSET

Accessing the remote unmanned pump station in a timely manner for incidents, such as gasoline leaks, presented challenges.



ALERT

- The Ops team received an alert from the mRegz™ AirCompliance solution.
- The alert highlighted a category 2 emission peak of 46 PPM on the site map.
- The Ops team identified the area as a gasoline pump and initiated additional troubleshooting measures based on the alert details.



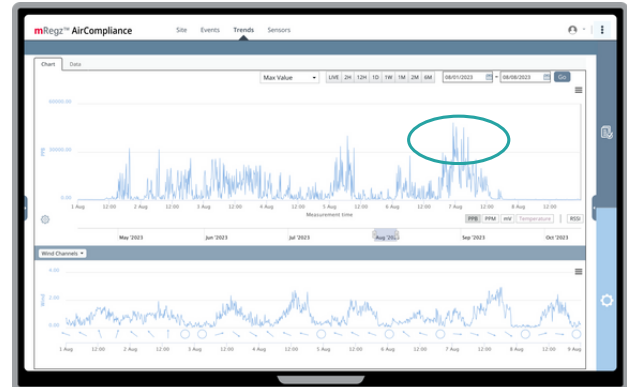
INVESTIGATION

- Technician dispatched for event investigation.
- Discovered approximately 5 gallons of gasoline surrounding the pump and its base, with a 1/2" NPT fitting leak.
- Leak fully resolved within 7 hours, all necessary actions taken.



RESULT

Due to the quick response and early detection by the ops team, the gasoline product loss was limited to just a few gallons. Implementing conventional schedule-based monitoring might have led to a loss of several barrels.



TRANSFORMATION

The adoption of the mRegz™ AirCompliance solution facilitated continuous operational insights into leaks at remote unmanned locations. Timely resolution of the detected leaks resulted in a reduction of both the site's environmental impact and the associated cleanup and repair costs.