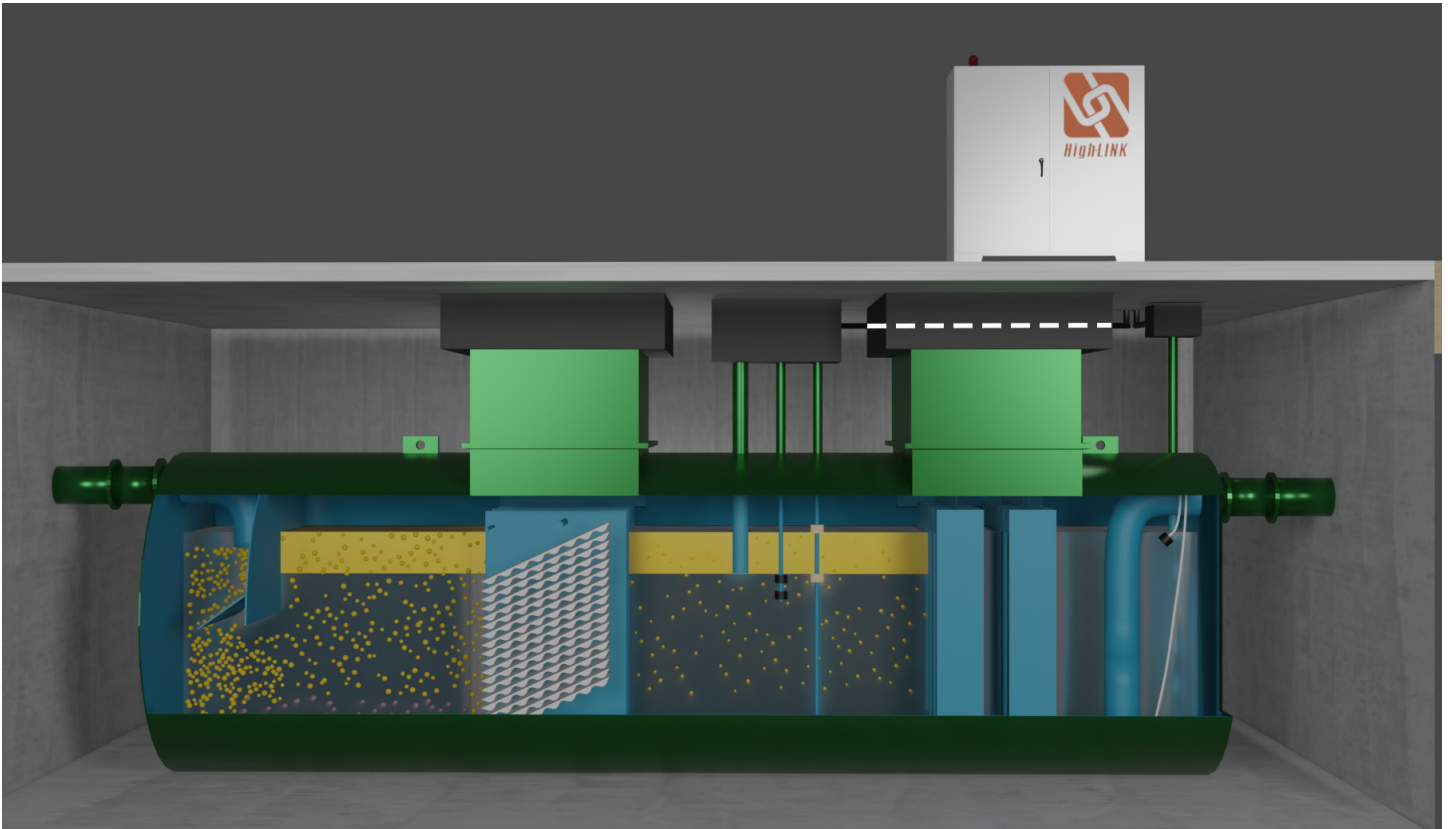




New: Wastewater Effluent Quality Monitoring

March 2026



The High-LINK® LevelShield WLE monitors effluent quality in oil/water separators to help facilities prevent environmental contamination and stay in compliance with regulations.

www.highlandtank.com

RECENT PROJECT APPLICATION: HIGH-LINK LEVELSHIELD WLE

A large engineering company with a facility that designs, manufactures, and services complex power and propulsion systems, primarily for the civil aviation, defense, and energy sectors, is utilizing High-LINK technologies to effectively monitor and manage their equipment.

This facility already had three existing Highland Tank HTC oil/water separators and wanted to enhance their monitoring capabilities.

Highland Tank's engineering department worked with the customer to design and manufacture a state-of-the-art High-LINK® monitoring system to include continuous oil level monitoring inside each oil/water separator tank, and effluent oil content monitoring for wastewater leaving each oil/water separator tank.

HOW IT WORKS

The High-LINK® LevelShield WLE is a comprehensive oil/water separator (OWS) monitoring and management tool that helps operators ensure proper maintenance of the OWS system to prevent costly environmental contamination from out of compliance oil-in-water (OIW) outflow.

The LevelShield WLE takes our standard LevelShield W series monitoring features and adds effluent water quality monitoring.

Not only does the WLE system monitor oil accumulation levels inside the tank, but it goes a step further by measuring the oil concentration (PPM) in the water as it leaves the OWS.

The WLE system helps to prevent an environmental contamination issue by giving you early warning of increasing oil concentration in the discharge.

When used with the myHigh-LINK web app, it also provides a discharge reading history, which may help prevent costly fines and cleanup charges by providing proof your system stayed in compliance.



Beyond monitoring, the WLE panel can also incorporate controls for ancillary equipment on the oil/water separator system, such as pump motors, valve motors, heaters, or a variety of other items, depending on project-specific requirements.

The LevelShield WLE system works seamlessly with the myHigh-LINK software application to immediately notify critical team members when an alarm condition is active. The alarm ensures the condition is addressed. The software keeps a historical record of all monitored points, so you always have access to objective data to verify your maintenance records for code compliance.

The myHigh-LINK app is user-friendly, designed to easily access clean-out history, configure email alerts, and verify your separator is properly maintained.

Contact Highland Tank to learn more and discuss effluent quality monitoring options.

[Learn More HERE](#)

Call 631-935-3116 today or visit us at www.highlandtank.com for more information on wastewater treatment systems.

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