

SECTION 82 MONITORING STATION



Water Quality Monitoring of Sewerage Assets

Section 82 of the UK Environment Act 2021 requires sewerage undertakers to continuously monitor the quality of the receiving water upstream and downstream of their assets. The Section 82 monitoring station from OSIL provide real-time, automated water quality monitoring to assess the impact of discharges from assets and ensure regulatory compliance.

Equipped with advanced sensors and location-appropriate telemetry systems, the stations provide early warnings for pollution or discharge events, with real time data relayed every 15 minutes to a dedicated, secure webpage (or directly integrated into client servers).

OSIL also offer the option of serviced systems (on a 12-month contract), eliminating an operational cost/concern for the end user.

Real time data every 15 minutes

- pH
- Temperature
- Turbidity
- Dissolved Oxygen
- Ammonia
- Nitrate
- Phosphate

All stations are fitted with solar panels, battery back up and other markings as necessary.

A range of telemetry options are available (UHF/VHF, GSM, GPRS, Satellite), selected to suit both the location and application requirements. OSIL provide a complete data telemetry solution, including either desktop or web-based software packages to access the data.

Sensors can be secured to fixed assets, or mounted in location-appropriate subsurface frames or bracketry.



FOR FURTHER INFORMATION PLEASE CONTACT:

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