



Smarterwater® Raft

Technical Guide S2.1

The Smarter Raft allows for intelligent water quality monitoring of receiving environments such as wetlands, sediment retention and effluent ponds.



Application

Remote access to water quality data with minimal calibration

Reduces site visits and sampling

Increased efficiency of compliance monitoring

Water quality in dams

Water supply compliance

Product Attributes

Improved response to pollution events

Multiple parameters with a single device

IoT LPWAN technology

Low maintenance solar powered supported device

Data can be integrated with user interfaces

Temperature sensor

Conductivity sensor

Dissolved oxygen sensor

pH sensor

ORP sensor

Turbidity sensor

Nitrate sensor

Hydrocarbon sensor

The Hynds Smarterwater® Raft is a cost effective floating monitoring station that measures water quality. This is to provide near real-time data for water quality management for compliance of receiving environments such as wetlands, sediment retention and effluent ponds.

The probes require minimum maintenance and monitoring of the device. We can offer a wide range of sensing devices including GPS, turbidity, pH, ORP, TSS and others on request.

Product Attributes

- Temperature
- Turbidity
- pH
- Dissolved Oxygen
- Multi sensor system

The Hynds Smarterwater® Raft offers a wide range of parameters including turbidity, temperature, pH, dissolved oxygen, oxidation reduction potential, and conductivity.



FIG. 1 Smarter Raft ready to be deployed

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