



Sludge Finder 2 provides continuous sludge interface monitoring for compliance and process enhancements at Thames Water.

Thames Water's improvement project at one of their main sewage treatment works in Berkshire included the installation of eight Pulsar Sludge Finder 2 continuous sludge interface monitoring systems to help with compliance and operational improvements.

Pulsar's eight Sludge Finder 2 systems were installed onto the eight final settlement tanks at Reading sewage treatment works in combination with Pulsar's local radio system option which communicated with matched receivers to the local MCC over approximately 50 meters distance. This signal was then further connected via the site's PLC and to the main SCADA overview.

The Sludge Finder 2 systems continuously monitor the sludge blanket within the Thames Water final settlement tanks and alarms when any unwanted discharge events occur into the adjacent foundry brook with improved return activated sludge retention which is a key factor when adhering to compliance and process requirements.



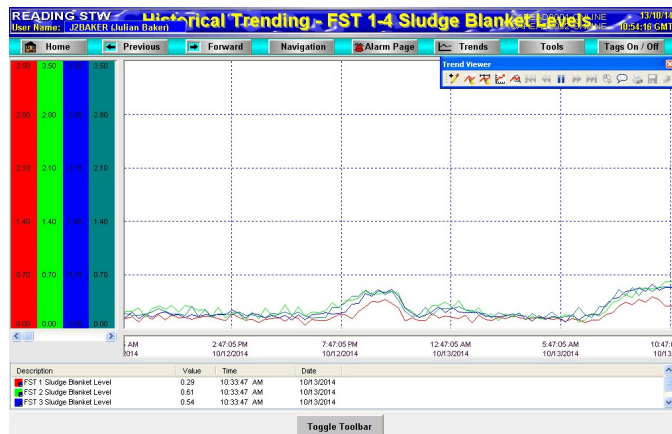
"Thames Water have been impressed by Pulsar's Sludge Finder 2 continuous sludge interface monitoring system and the benefits it has provided to their improvement project at Reading STW."

Pulsar's Sludge Finder 2 sludge interface monitor offers a versatile, accurate and reliable solution to the problem of continuously and accurately measuring interface levels in primary, secondary or final settlement tanks and Sequencing Batch Reactor (SBR) systems.

Operating ultrasonically through liquid, Sludge Finder 2 uses proven echo processing algorithms to identify the sludge interface level by state-of-the-art digital echo processing techniques.

Sludge Finder 2 also benefits from a self-cleaning underwater acoustic sensor, which removes any algae build-up, resulting in continuous reliable sludge level measurement, reducing the need for sludge pumping and dosing optimization, therefore allowing staff to concentrate on other tasks.

Thames Water has been impressed by Pulsar's Sludge Finder 2 continuous sludge interface monitoring system and the benefits it has provided to their improvement project at Reading STW.



Sludge Finder 2 Control Unit



Viper Transducer



INFO@PULSARMEASUREMENT.COM

Pulsar Measurement is a trading name of Pulsar Process Measurement, Ltd.

Copyright © 2020 Pulsar Measurement
Registered Address: 1 Chamberlain Square CS, Birmingham B3 3AX
Registered No.: 3345604 England & Wales

Delivering the Measure of Possibility

United States

11451 Belcher Road South
Largo, FL 33773

888-473-9546

Canada

16456 Sixsmith Drive
Long Sault, Ont. K0C 1P0

855-300-9151

United Kingdom

Cardinal Building, Enigma
Commercial Centre
Sandy's Road, Malvern WR14 1JJ
+44 (0) 1684 891371

Rev 1.0