



A higher level of performance

Application Reference

Monitoring Settling Blanket in a SBR, (Sequent Batch Reactor)

Application problem

The client had blanket carry-over problems, which affected his EPA license. The decant range was 0-1500 mm (0-60")

Wastewater treatment plant

250 mega liter/day (65 million gallons/day)

Comments

We installed our floating Sonar transmitter, with auto scum cleaner, close to one of seven launders in the tank. During aeration the sonar transmitter, detected a high level blanket in suspension. Once the aeration period had stopped, the blanket settling was detected. Once the blanket had settled 1 m (3.2 ft) below the liquid height, the launders were introduced and decanting started.

Solution

Using the ORCA floating sonar stopped carry-over into the launders. Automating the decant phase, based on the blanket settling, increased efficiency and saved time during the settling phase.

Ordering information

Part number
OSIRDYX - transmitter
OSIRT003S4XC6 - Sonar transducer
OSIRSCD - Sonar Cleanser/Float/Brackets
OSIRME - L5 - Sonar Transducer SS Pole 5 m (16.5 ft)



Application guaranteed!

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