



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 licence. The decant range was 0-1500 mm (0-60")

### Wastewater treatment plant

250 megalitre/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!

*Hawk is a world leader in level, positioning and flow measurement, providing cutting edge equipment to the global industrial market. We have 30 years of experience and a record of success in a wide range of areas including mining/mineral processing, water supply/waste water, bulk material handling and chemical. Our on-going commitment is to provide industry leading technology and cost effective solutions.*



## Contact

Hawk Measurement Systems Australia  
Phone: +61 3 9873 4750  
info@hawk.com.au

Hawk Measurement US  
Phone: +1 888 429 5538  
info@hawkmeasure.com

For global representatives:  
[www.hawkmeasure.com](http://www.hawkmeasure.com)