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Let's Solve Water

Xylem Analytics
Case study

Storm 3 Makes Real-Time Monitoring Easy for the Environmental Agency

There are stringent requirements for sediment runoff and environmental impact control from dredging projects in Malaysia. The Department of Environment Malaysia requested a city developer, which involved reclaimed land, to continually monitor water quality parameters such as pH, conductivity, turbidity and TSS (Total Suspended Solids) 24/7.

Arachem (M) Sdn Bhd, with the help of YSI, a Xylem brand, provided a buoy solution with EXO Multiparameter sondes and WaterLOG Storm 3 data loggers for this project. The superior antifouling features of the EXO multiparameter sonde allow for the collection of high quality data for an extended period of time.

"The EXO Multiparameter sonde minimizes the effects of biofouling issues which is typical for instruments used in the coastal area. The Storm 3 data logger is perfect for this application as the data collected from EXO is uploaded via 3G network and can be viewed anytime from anywhere by the authority." stated Kelvin Lai, YSI / WaterLOG Sales Manager for Asia-Pacific.

The internet browser interface of the Storm 3 is user-friendly and data is securely kept in the Storm Central Server. The first two buoy units were installed in October, 2014 and in August, 2015. More units will be installed in 2016 and 2017. This solution served as a pilot project for its kind and has proven successful and reliable for long-term monitoring application.

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Contact us for more information
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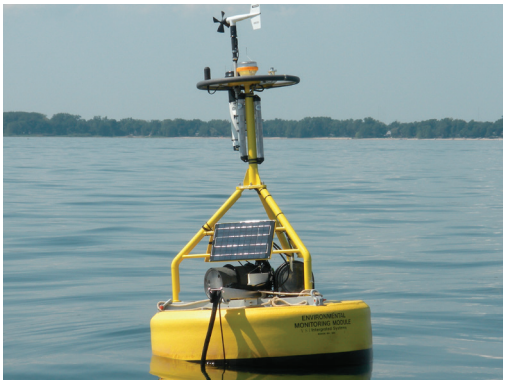

YSI buoy solution with EXO multiparameter sondes and WaterLOG Storm 3 datalogger

WaterLOG Storm 3 data logger

The YSI EXO multiparameter sondes minimize the effects of bio-fouling issues