



Water Quality **Service & Install**

Sonde data you can trust.

Water quality sensors live in a tough place: silt, algae, floods and long dry spells. We install, service and calibrate multi-parameter sondes on a regular cycle, so the numbers on your dashboard match what's actually in the creek.

5 parameters

pH, EC, temperature, turbidity, DO

Quarterly

Service and calibration cycle

Live

Dashboards with water quality alerts

What we deliver

- New installs: sonde housing and slide, logger, 4G telemetry and power
- Integration with existing flood warning stations
- Scheduled service: clean, inspect, replace wipers, seals and sensor caps
- Calibration against certified standards, recorded before and after
- Arrival and departure checks on the live dashboard
- Dashboards with water quality objective thresholds
- Deploy and retrieve triggers so sondes aren't left high and dry

Why regular servicing matters

Optical sensors foul, pH probes age and membranes wear, so a sonde drifts quietly until the data can't be used. A regular service and calibration cycle keeps it honest. Every visit is recorded sensor by sensor, and we flag anything that looks wrong on the dashboard (stale gauges, noisy readings, a sensor sitting out of the water) so it's fixed on the next visit, not next year.

Queensland councils: we're a Local Buy pre-qualified supplier (LB312), so you can engage us directly without running a full tender.

Project snapshot

Water quality network refresh, South East Queensland council

An assessment of a five-station network found legacy 3G modems about to be switched off, failed wipers, ageing probes and hard-to-reach sensor housings. We replaced the loggers and modems, fully serviced the sondes and replaced worn sensors, rebuilt sensor access at the river end, and have serviced and calibrated the network on a quarterly cycle since.

Sondes	YSI EXO3 multi-parameter
Parameters	pH/ORP, EC/temp, turbidity, DO, central wiper
Loggers	Campbell Scientific CR300 with integrated 4G
Platform	eagle.io dashboards and alerts
Calibration	KorEXO records against certified standards
Integration	Shares the flood station's level and rain data



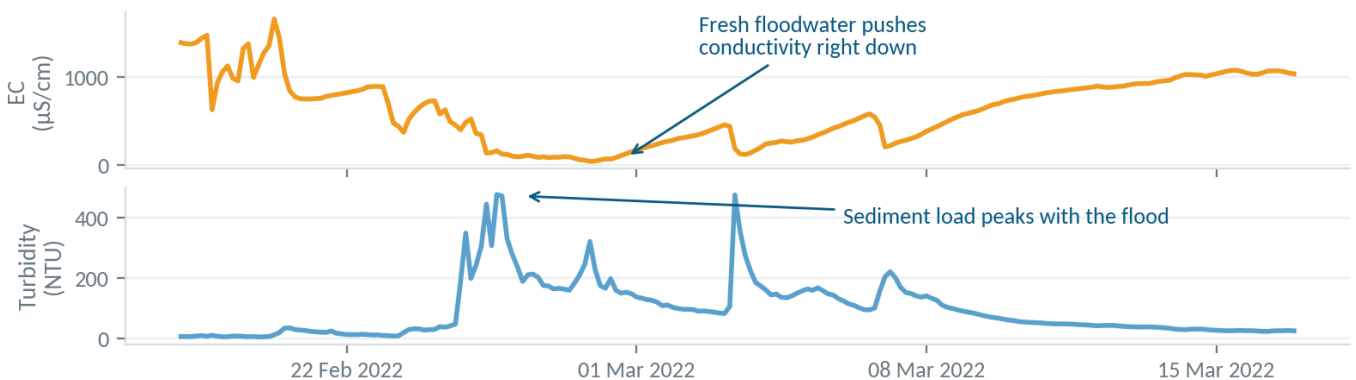
Sonde serviced and ready to redeploy



pH calibration with certified buffer



Sensor pit at the creek



Real data from one of the network's sondes through the February 2022 flood: conductivity collapses as fresh floodwater arrives, and turbidity peaks with the sediment load.

How we work



Talk to us about your network

Call 0408 255 779
Email admin@integratedrm.com.au
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Local Buy pre-qualified supplier (LB312)
 Floodplain Management Australia member
 Australian Hydrographers Association member
 Operating since 2018