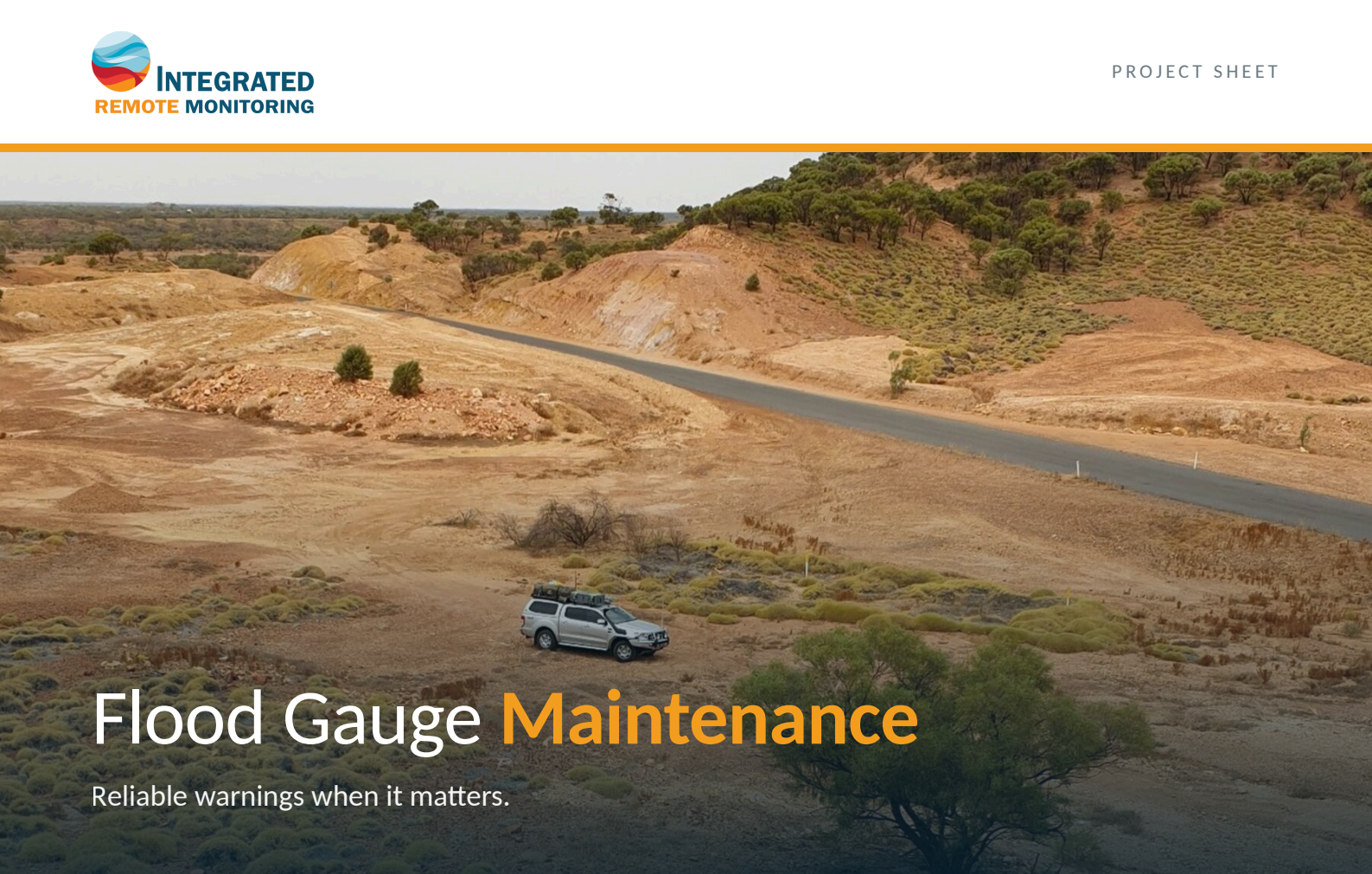




Flood Gauge Maintenance

Reliable warnings when it matters.

A flood gauge only earns its keep during an event, and that's exactly when a hidden fault shows up. Our scheduled servicing finds those faults first. Every visit is tested, calibrated and written up, so you know what was found, what was fixed and what's coming up.

Since 2018

Looking after Queensland flood networks

Any brand

Our installs and networks built by others

Every visit

Tested, calibrated and reported

What's included

- Annual pre-wet season service and calibration
- Water level: full-range pressure calibration with a traceable calibrator, bubble rate, purge and leak test
- Rainfall: field calibration with a flow-controlled device, funnel and syphon clean, level check
- Power: battery load tests, solar and regulator checks, planned battery replacement
- Telemetry: forward/reflected power and SWR, values confirmed at the base station
- Structure, enclosure, locks, vegetation and safety checks
- Fault call-outs and repairs between services

Reporting you can use

Each station gets its own report: arrival and departure values, calibration results, photos, what was replaced and what we recommend next. We keep a spares and equipment register for your network, flag assets nearing end of life before they fail, and service Hydrological Services, Observator, Campbell Scientific, ELPRO and ALERT/ALERT2 equipment.

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

Project snapshot

Annual maintenance program, South East Queensland council

We've run this council's pre-wet season maintenance program since 2020, covering rain and river stations, ALERT radio telemetry and base station links. The example below is a creek station brought back to full health: the old bubbler, battery and rain gauge were replaced, then the whole site was re-tested from sensor to base station.

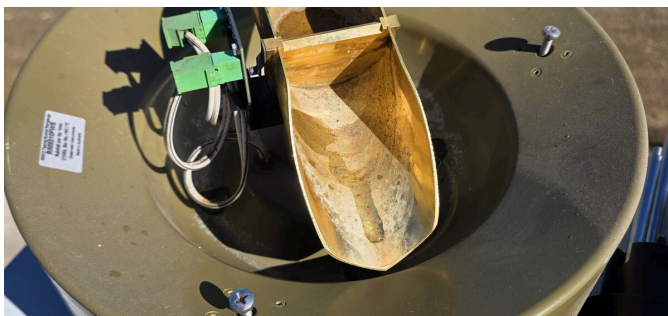
Level check	0–30 m sensor tested at 5 m steps: 0.00 m error at every point
Rain check	653 ml flow-controlled test: 9.2 tips expected, 9.2 recorded
Battery	13.37 V no load, 13.11 V under load
Bubbler	New unit, high-pressure purge, leak test passed
Rain gauge	New factory-calibrated gauge, bird spikes fitted
Power	SLA battery replaced with 50 Ah lithium
Outcome	Station returned to service, all tests passed



Traceable pressure calibrator on the level system



Battery load test

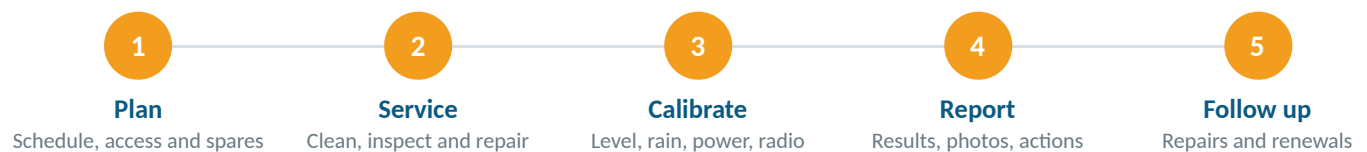


Tipping-bucket mechanism cleaned and checked



Bubbler unit checked and purged

How we work



Talk to us about your network

Call 0408 255 779
Email admin@integratedrm.com.au
Web integratedrm.com.au



Local Buy pre-qualified supplier (LB312)
 Floodplain Management Australia member
 Australian Hydrographers Association member
 Operating since 2018