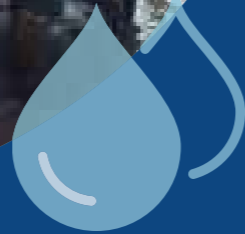


Water monitoring built for australia's toughest sites

PROTECTING WHAT MATTERS MOST



Protecting what matters most

Water is not a resource Australia takes lightly. Managing it well, especially across mining, industrial and environmental programs, means knowing what's in it, where it's going, and what's changing.

For operations that span hundreds of square kilometres of remote country, that's no small ask. Regulatory licences, community expectations and environmental obligations all demand accurate, defensible data.

Acoem provides water monitoring solutions built around those realities. We combine advanced instrumentation, real-time monitoring systems and NATA-accredited sampling services to give organisations the data they need to operate with confidence.



**Built for the
harshest conditions**



**Proven in the
Australian environment**



**Shaped by
the data**



Coastal and marine monitoring

Acoem supports marine sampling programs, shoreline bore monitoring, and synchronised coastal-groundwater sampling, helping organisations understand potential contamination pathways and protect sensitive marine ecosystems.



Potable water monitoring

For remote industrial sites and communities near operational areas, drinking water quality isn't optional. We monitor potable water systems against regulatory and health guidelines, supporting facilities that can't afford to get it wrong.



Groundwater monitoring

Acoem supports bore network monitoring programs across large and complex sites, including downhole logging and profiling, low-flow and high-flow sampling, and long-term monitoring designed to detect even subtle changes in aquifer behaviour.



Surface water monitoring

Our field teams monitor rivers, streams, stormwater systems and discharge points against the parameters that matter (pH, conductivity, turbidity, dissolved oxygen, flow, nutrients and more), giving you a clear view of downstream conditions and confidence that your licence conditions are being met.

Built to monitor. Designed to last.

The instruments behind our monitoring programs aren't off-the-shelf equipment we've integrated and handed over. Acoem designs and manufactures our own water monitoring solutions, meaning we know exactly how it performs in Australian conditions, and we can support it for the long term.

Our water product portfolio spans three core categories:



Automatic samplers

The MAXX range, from compact portable units to fixed-site stainless steel configurations, includes our Desert First Flush Sampler, built specifically for remote, hard-to-access Australian sites.



Probes, sondes & transmitters

The Greenspan range, measuring up to six parameters simultaneously and built for long-term unattended deployment in bores, rivers and open water.



Water monitoring stations

Mobile, buoy-mounted, solar-powered and bore-specific configurations, including our GRAMS unit for remote groundwater programs.



Between our instrumentation and NATA-accredited laboratory services, we cover more than 30 water quality parameters, from standard physico-chemical measurements to emerging contaminants including PFAS.

From measurement to live insight

Acoem designs and deploys autonomous water monitoring stations that operate unattended in remote locations. Each station integrates multi-parameter sensors, automatic samplers and telemetry systems, continuously measuring and transmitting environmental data.

Solar-powered configurations mean even the most isolated sites can be covered without permanent infrastructure. And when a result trends toward an exceedance, your team gets notified before it becomes a compliance issue.

Parameters commonly monitored in real time include:

- pH and conductivity
- Turbidity and dissolved oxygen
- Water level and flow
- Nutrients and organic compounds
- Trace contaminants, including PFAS



“*Want the full picture? Request a copy of the Acoem Water Product Portfolio or ask our team to walk you through what's right for your site.*”



Data you can defend

Automated sensors provide continuous visibility, but when it comes to regulatory reporting and environmental audits, the quality of your sampling matters just as much as the frequency of sampling.

Acoem operates a NATA-accredited water quality laboratory and performs field sampling in accordance with accredited procedures. Every sample is tracked through a strict chain-of-custody process - from collection in the field through to laboratory analysis and certified reporting.



Our sampling capabilities include:

- Manual grab sampling
- Low-flow and high-flow groundwater sampling
- Passive sampling systems
- Downhole logging and aquifer profiling
- Field measurements with laboratory verification
- Field sampling

Where monitoring data becomes useful

Collecting reliable water data is one thing. Making it usable is another. Acoem's Environmental Water Monitoring System (EWMS) brings structure to large and complex monitoring programs. It manages sampling schedules, stores complete sample histories, maps monitoring locations via GPS and maintains end-to-end traceability from field collection to final report.



Case study

Monitoring at Scale: Western Australia

Large-scale water monitoring presents challenges that go well beyond the technical.

The challenge



How Acoem helps

Acoem supports one of Western Australia's major mining operations with exactly this kind of program. Specialist field teams travel across the site to conduct bore sampling, downhole logging and high-flow and low-flow groundwater sampling; all managed under strict quality assurance protocols and tracked through Acoem's Environmental Water Monitoring System (EWMS).



The results

- Genuine insight for the operator into groundwater behaviour.
- Environmental data to support regulatory reporting obligations.
- Management of long-term impacts on the aquifer system.

“Please scan the QR code to find the full details of this case study on our website:”

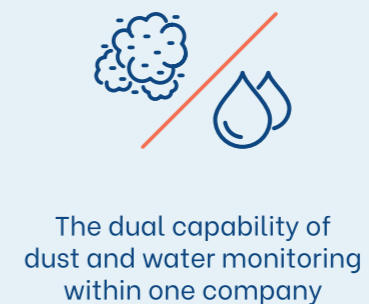


Experience you can rely on

Australia's water monitoring landscape is demanding; technically, logistically and regulatorily. Acoem brings together the full capability to navigate it.

- Our monitoring procedures are created in accordance with Australian standards
- NATA-accredited sampling, analysis and reporting
- Proven instrumentation designed for long-term field deployment
- Field teams experienced in remote and complex environments
- Integrated data management through EWMS
- Programs tailored to your site, licence conditions and regulatory framework.

For water monitoring that works, out in the harsh Australian landscape as well as in the report, trust Acoem.



Acoem:
Your partner in environmental monitoring

At Acoem, we create environments of possibility—helping organisations find the right balance between progress and preservation. Our holistic environmental monitoring solutions empower industries, governments, and communities with accurate data to drive meaningful action for a cleaner, healthier planet.

As pioneers in designing, manufacturing, and maintaining integrated monitoring systems, we develop innovative technologies that simplify monitoring processes and enhance accessibility.

With a global presence in 50 countries and dedicated environmental hubs worldwide, Acoem provides localised expertise and cutting-edge solutions to help you make informed decisions that protect people, places, and the planet.



Environmental hubs

- **Australia**
- **Brazil**
- **France**
- **Germany**
- **India**
- **Thailand**
- **USA**
- **UK**



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