



Water Quality and Ecosystem Monitoring

Introduction and company overview

Axiom Water Technologies Pty Ltd is a specialist Water Quality and Integrated Water Management Consulting Service based in Cairns, Tropical North Queensland.

We work in Participatory Development and Technical aspects of Environmental, Water and Wastewater related consulting practice.

Our objective is the integration of water supply, sanitation, environmental health, hygiene and nutrition approaches targeted towards social and institutional change to achieve positive long term outcomes.

Core competencies

We provide our clients with an ecosystem services perspective in relation to environmental monitoring including:

- Design and implementation of structural and process monitoring programs which are appropriate to the ecosystem values, monitoring objectives and timeframe of interest
- Analysis and reporting of results
- Skills transfer to local staff to increase capability

We are experienced in the design of monitoring programs for:

- Mining and exploration projects
- Environmental monitoring and assessment
- Drinking water production
- Wastewater treatment and discharge
- Industrial systems including but not limited to raw water intakes, desalination, cooling systems, boiler and steam systems

We undertake in-situ water quality analysis for multiple parameters and can provide water sample collection and dispatch for analysis at your preferred laboratory. Alternatively we can manage the analysis for you utilizing NATA accredited third-party laboratories.

Key staff

Peter Sharry – MIWM, BAppSciChem
Principal Consultant

Peter holds a Masters Degree in Integrated Water Management, a Bachelor Degree in Applied Chemistry and has over 25 years of experience. He has worked in the water treatment industry in a variety of specialist technical, operating and consulting roles through which he has developed a diverse range of experience and knowledge.

Frederick Bouckaert - BEnvSci, MIWM
Ecosystem Investigator

Frederick holds a Bachelor of Environmental Science and a Master of Integrated Water Management qualification. He has 17 years of experience in monitoring and evaluation of aquatic health, mainly in freshwater ecology.

Relevant experience

- Design and management of a 18-month environmental water quality monitoring program for the Port Vila Urban Development Project, Vanuatu.
- Lead the E.I.S. water quality baseline study and extension projects for Interoil Papua New Guinea.

- Design and establishment of Basin Plan Environmental Monitoring and Evaluation Framework for the Murray Darling Basin Authority.
- Assisting in the development of a water quality management strategy for the Chindwin Basin, Sagaing Region, Myanmar.
- Managed the preparation of the Sonoma Mine Management Pty Ltd Statutory Water Management Plan.
- Project Manager for Birla Mt Gordon Pty Ltd Esperanza Pit water storage configuration assessment.
- Developed monitoring schedules, selected instrumentation and provided training for Interoil's Environment team, Gulf Province of PNG.

For More Information Contact

Mr Peter Sharry - Director

M (AUS): +61407 090 040

M (PNG): +675 7909 6090

E: peter@axiomwatertech.com

W: www.axiomwatertech.com

