

TOWNSVILLE LABORATORY SERVICES



ENVIRONMENTAL MONITORING

About Us

Townsville Laboratory Services is an advanced analytical laboratory located at the Douglas Water Treatment Plant, Angus Smith Drive, Townsville, Queensland.

We currently service a range of organisations throughout Queensland including local government shires and councils, hospitals, universities, schools and other institutions in North Queensland.

Townsville Laboratory Services is at the forefront of Townsville City

Council's environmental monitoring projects. We provide a range of services to different departments and divisions of council including groundwater analysis, development and implementation of Residual Environmental Monitoring Programmes (REMP), recreational water planned and reactive testing regimes (including the Strand and Ross River), and sewage plant environmental impact studies.

Laboratory staff are trained in sampling techniques for ground (bores and aquifers) and open water (dams, creeks, rivers, open sea and lakes sampling) collection. The lab has varied water vessels/boats for sample collection and in situ measurements. Staff are also trained in depth profile studies of dams and catchment areas

We offer the following services:

- » General chemical / in situ tests (pH, Electrical Conductivity, Dissolved Oxygen, Temp)

- » Free nutrients (ammonia, nitrates and phosphates),
- » Total Nitrogen and Phosphorus
- » Surfactants and MBAS (Methylene Blue Active Substances)
- » Algae identification, counting and microphotography
- » Trace and major metals
- » Acid sulphate soils (POCAS)
- » Analysis of Methyl Isoborneol and Geosmin (Odour products in dam and other catchment systems) by GC-MS.

Accreditation and Quality Assurance

Townsville Laboratory Services has been NATA accredited for chemical testing (accreditation number 14698) since 2002 and biological testing (accreditation number 14699) since 2006. Townsville Laboratory Services obtained quality system certification to ISO 9001 in 2003.

CONTACT DETAILS

Townsville Laboratory Services

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**TOWNSVILLE
WATER**

