

TOWNSVILLE LABORATORY SERVICES



SPECIALISED ANALYTICAL REQUIREMENTS

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.

CONTACT DETAILS

Townsville Laboratory Services

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Townsville Laboratory Services can tailor analysis requirements to the needs of our clients. Methods can be validated and developed for specific monitoring needs.

The full time scientific team has the combined experience and expertise to discuss your analytical requirements and make recommendations for the best approach to manage your water, wastewater, soil or environmental analysis requirements

Our specialised analysis capabilities include:

- » Disinfection products analysis suite:
 - » Trihalomethanes by GC-ECD
 - » Trihalomethane Formation Potential
 - » Oxyhalides by Two dimensional Ion Chromatography
 - » Haloacetic acids by Two dimensional Ion Chromatography
- » Analysis of Methyl Isoborneol and Geosmin (Odour products in dam and other catchment systems) by GC-MS

- » Natural gases analysis
 - » Methane
 - » Carbon Monoxide
 - » Carbon Dioxide
 - » Nitrogen
 - » Hydrogen Sulphide
 - » Oxygen
- » Acid Sulphate Soils Analysis (SPOCAS)

The methods currently being developed are:

- » Polycyclic Aromatic Hydrocarbons
- » BTEX (Benzene, Toluene, Ethylbenzene and Xylene analysis)
- » C6 to C34 Hydrocarbons (Speciated)
- » Semivolatile Organic compounds in water

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.



**TOWNSVILLE
WATER**

