

Townsville Laboratory Services Microbiological Analysis

Townsville Laboratory Services regularly performs biological monitoring of Townsville's potable water system, reservoirs, dams and swimming pools.

Townsville Laboratory Services is nationally recognised for microbiological testing, using membrane filtration and differential media for various testing methods.

Water sample services

Townsville Laboratory Services can test water samples for:

- *E. coli* (by membrane filtration and defined substrate technology)
- Thermotolerant (faecal) coliforms and total coliforms
- *Pseudomonas aeruginosa*
- *Enterococci* species
- Endotoxin by limulus amoebocyte lysate method
- Heterotrophic plate count (total plate count)
- Moulds and yeasts in water
- Sulfite-reducing *clostridia*
- *Legionella* speciation including serogrouping

Biological testing services

Townsville Laboratory Services have biological testing services available for:

- Drinking water reticulation system monitoring
- Estuarine water samples
- Pools
- Groundwater catchment
- Irrigation
- Water for agricultural use
- Process water
- Sewage effluents
- Reverse osmosis process
- Environmental investigations
- Biosolids, sediments, sewage, sludge, soils, solid wastes and trade wastes
- Dialysis clinics
- Cooling towers

Analytical services

Microbiological analysis is available to private businesses, organisations and external clients at affordable and competitive pricing. Please contact us for further information.

Contact

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townsville.qld.gov.au

Accreditation and quality assurance

Townsville Laboratory Services is NATA accredited for chemical testing and biological testing (accreditation number 14698).

Townsville Laboratory Services obtained quality system certification to ISO 9001 and ISO 14001 in 2003.

