

Townsville Laboratory Services

Biosolids, Sludges and Mixed Liquor Suspended Solids

Testing biosolids, sludges and mixed liquor suspended solids is an essential step in assessing the health and efficiency of biological treatment systems such as sewerage networks.

Townsville Laboratory Services is an advanced analytical laboratory, specialising in water, wastewater and environmental testing. Many wastewater operators and service providers require specific test requirements for operational and compliance monitoring and, at times, for plant design or upgrades.

Testing services available

- 1 Soil pH and conductivity
- 2 Nutrients and metals analysis
- 3 Capillary suction time
- 4 Specific oxygen uptake rate (SOUR testing)
- 5 Sludge volume index
- 6 Time to filter
- 7 Solids analysis: total and volatile solids, total and volatile suspended solids, coarse suspended solids
- 8 Sludge microbiology: analysis of *E. coli*, thermotolerant coliforms, total coliforms, Enterococci sp. and *Pseudomonas aeruginosa* in solids, semi-solids and viscous liquids.

Analytical services

Testing of biosolids, sludge and mixed liquor suspended solids is available to private businesses, organisations and external clients at competitive pricing. Please contact us for further information.

Contact

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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.

