



TOWNSVILLE CITY COUNCIL

FEES & CHARGES

LABORATORY SERVICES

2024-2025

townsville.qld.gov.au

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TOWNSVILLE CITY COUNCIL

LABORATORY SERVICES

LABORATORY SERVICES FEE POLICIES

OTHER INFORMATION

Applications and/or quotation requests made to Laboratory Services for services or packages other than specifically listed will be deemed “Price on Application” and supplied at the discretion of Council.

SCHEDULE 31 - LABORATORY SERVICES

PART 31.A - ADMINISTRATION AND ADDITIONAL CHARGES

The administration fee is charged once per sample submission irrespective of the number of samples in the submission. Please see below for additional surcharges that may be applicable.

1. ADMINISTRATION AND ADDITIONAL CHARGES

Administration fee (applied for each sample batch)	\$39.90	Each	Y
Bottles complying with AS 5667:1998 are supplied for sampling on request.			
Outside business hours surcharge (Includes weekends/public holidays)	\$325.50	Each	Y
Sample collection (NATA accredited) - [First hour]	\$378.00	Each	Y
Sample collection (NATA accredited) - [per hour after the first hour]	\$159.50	Each	Y
Priority surcharge	25% of total analysis cost	Each	Y

PART 31.B - SUITES

Townsville Laboratory Services is happy to offer analysis ‘suites’ that combine individual tests into commonly requested packages. Due to efficiencies gained in the laboratory when suites are requested, Townsville Laboratory Services can offer faster COC completion, simpler invoice checking and often cheaper analytical costs for analytical suites.

1. WATER AND WASTEWATER ANALYSIS SUITES

For detail list of tests included in testing suites please refer to<insert document link>

A. SUITES

Potability Suite (with E.coli)	\$341.50	Each	Y
E.coli, pH, Conductivity, Turbidity, Colour, Alkalinity, Bicarbonate, Carbonate, Hydroxide, Calcium, Magnesium, Sodium, Potassium, Aluminium, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Selenium, Silver, Uranium, Zinc, Ammonia as N, Orthophosphate, Oxidised Nitrogen as N (Nitrate and Nitrite), Silica, Chloride, Sulfate, Fluoride, Calculated Values and NHMRC Guideline Limits. Metals are analysed for both total and soluble components.			
Potability Suite (without E.coli)	\$303.50	Each	Y
All parameters included in the potability suite excluding E. coli.			

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A. SUITES [continued]

Cation / Anion Balance	\$231.00	Each	Y
pH, Conductivity, Turbidity, Colour, Alkalinity, Calcium, Magnesium, Sodium, Potassium, Aluminium, Iron, Manganese, Copper, Zinc, Boron, Ammonia as N, Orthophosphate, Oxidised Nitrogen as N (Nitrate and Nitrite), Silica, Chloride, Sulfate, Fluoride, Calculated Values and NHMRC Guideline Limits. Metals are analysed for both total and soluble components.			
Irrigation Suite	\$109.00	Each	Y
pH, Conductivity, TDS, Alkalinity, Calcium, Magnesium, Sodium, Potassium, Iron, SAR, pHs, LSI, Chloride, Sulfate. Metals are analysed for both total and soluble components.			
Livestock Water Suite (with E.coli)	\$210.00	Each	Y
E.coli, pH, Conductivity, Aluminium, Arsenic, Beryllium, Boron, Cadmium, Chromium (Total & Soluble), Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Uranium, Vanadium, Zinc, Major Metals (Total & Soluble), Fluoride, Sulfate, Oxidised Nitrogen (Speciated), Hardness, Total Dissolved Solids.			
Major Metals Analysis Suite (Choice of Total or Soluble Only)	\$33.80	Each	Y
Calcium, Magnesium, Sodium, Potassium.			
Trace Metals Analysis Suite (Choice of Total or Soluble Only)	\$126.50	Each	Y
Aluminium, Antimony, Arsenic, Barium, Beryllium, Bismuth, Boron, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Lithium, Manganese, Mercury, Molybdenum, Nickel, Rubidium, Selenium, Silver, Strontium, Thallium, Tin, Titanium, Uranium, Vanadium, Zinc.			
Heavy metals suite (Choice or Total or Soluble Only)	\$43.70	Each	Y
Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Zinc.			
NEPM Metals Suite (Choice of Total or Soluble Only)	\$81.80	Each	Y
Arsenic, Barium, Beryllium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Vanadium, Zinc.			
Hardness	\$19.30	Each	Y
Calcium, Magnesium, Hardness Calculation.			
Sodium Adsorption Ratio	\$28.90	Each	Y
Sodium, Calcium, Magnesium, SAR Calculation.			
Odour Compounds	\$225.50	Each	Y
Methyl-Isoborneol (MIB), Geosmin.			
Trihalomethanes (Disinfection By-Products)	\$63.00	Each	Y
Bromoform, Dibromochloromethane, Bromodichloromethane, Chloroform.			
Trihalomethanes formation potential (Disinfection by-products)	\$241.50	Each	Y
Bromoform, Dibromochloromethane, Bromodichloromethane, Chloroform.			
Oils and Greases Suite	\$92.80	Each	Y
Total Oils and Greases, Total Petroleum Hydrocarbons (ASTM).			
Oxyhalides (Disinfection By-Products)	\$212.00	Each	Y
Chlorate, Chlorite, Bromate.			
Swimming Pool Compliance Suite (Microbiology)	\$84.00	Each	Y
E. coli, Pseudomonas Aeruginosa, HPC & QLD Health Swimming Pool Guideline Limits.			

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B. PFAS, PER AND POLYFLUORO ALKYL SUBSTANCES SUITES

I. NORMAL TURN AROUND TIME

PFAS – Trace Suite PFHxS, PFOS and PFOA	\$170.00	Each	Y
PFAS - Trace Suite 30 compounds	\$214.50	Each	Y
PFAS - Trace Suite 34 compounds (Gen-X)	\$247.50	Each	Y
PFAS - Ultra Trace Suite PFHxS, PFOS and PFOA	\$209.00	Each	Y
PFAS - Ultra Trace Suite 30 compounds	\$242.00	Each	Y

II. FAST TURN AROUND TIME

PFAS - Trace Suite PFHxS, PFOS and PFOA	\$220.00	Each	Y
PFAS - Trace Suite 30 compounds	\$269.50	Each	Y
PFAS - Trace Suite 34 compounds (Gen-X)	\$297.00	Each	Y
PFAS - Ultra Trace Suite PFHxS, PFOS and PFOA	\$275.00	Each	Y

C. COLIFORM SUITES (MICROBIOLOGY)

Total Coliforms, Thermotolerant Coliforms & E. coli	\$93.50	Each	Y
Total Coliforms & E. coli	\$57.80	Each	Y
Thermotolerant Coliforms & E. coli	\$57.80	Each	Y
(Digestion by USEPA method) Calcium, Magnesium, Sodium, Potassium			

D. COLIFORM & HETEROTRPHIC PLATE COUNT (HPC) SUITES (MICROBIOLOGY)

Total Coliforms, Thermotolerant Coliforms, E. coli & HPC	\$104.00	Each	Y
Total Coliforms, E. coli & HPC	\$67.00	Each	Y
Thermotolerant Coliforms, E. coli & HPC	\$67.00	Each	Y

E. CSSD AS/NZS 5369 (FORMERLY 4187) REPROCESSING OF REUSABLE MEDICAL DEVICES

Table 7.2 Final Rinse Water – Manual Cleaning, Manual Disinfection and Washer-Disinfections	\$241.50	Each	Y
Table 7.3 Final Rinse Water – Washer-Disinfections in Accordance with ISO 15883-4	\$267.00	Each	Y
Table 7.4 Feed Water to a Dedicated Steam Generator – Form Steam Sterilizers	\$174.50	Each	Y

2. SOIL AND SLUDGE ANALYSIS SUITES

For detail list of tests included in testing suites please refer to<insert document link>

A. SUITES

Major Metals Analysis Suite for Solids (Digestion by USEPA method)	\$45.40	Each	Y
Calcium, Magnesium, Sodium, Potassium.			

Name	Year 24/25 Fee (incl. GST)	Unit	GST
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A. SUITES [continued]

Trace Metals Suite for Solids (Digestion by USEPA method)	\$138.00	Each	Y
Aluminium, Antimony, Arsenic, Barium, Beryllium, Bismuth, Boron, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Lithium, Manganese, Mercury, Molybdenum, Nickel, Rubidium, Selenium, Silver, Strontium, Thallium, Tin, Titanium, Uranium, Vanadium, Zinc.			
Soil pH and conductivity	\$25.20	Each	Y
pH and Conductivity on a 1:5 deionised water extract.			
Soil or Sludge Total Solids and Volatile Solids	\$31.50	Each	Y
Includes both Total Solids and Volatile Solids.			
Solids Microbiology Suite	\$88.40	Each	Y
Thermotolerant Coliforms and E. coli.			
Sludge Microscopy	\$105.00	Each	Y
Filament Size, Floc size, Dominant Protozoa and Metazoan present, Microphotograph.			

B. NITRIFICATION INHIBITION TEST (SLUDGE TOXICITY)

ISO9509 Water Quality – Toxicity test for assessing the inhibition of nitrification of activated sludge microorganisms. (Tiered Pricing).

One [1] sample (per sample)	\$1,700.00	Each	Y
Toxicity test for assessing the inhibition of nitrification of activated sludge microorganisms (tiered pricing).			
Two [2] samples (per sample)	\$1,065.00	Each	Y
Toxicity test for assessing the inhibition of nitrification of activated sludge microorganisms (tiered pricing).			
Three [3] samples (per sample)	\$1,020.00	Each	Y
Toxicity test for assessing the inhibition of nitrification of activated sludge microorganisms (tiered pricing).			
Four [4] samples (per sample)	\$937.00	Each	Y
Toxicity test for assessing the inhibition of nitrification of activated sludge microorganisms (tiered pricing).			
Five [5] or more samples (per sample)	\$886.00	Each	Y
Toxicity test for assessing the inhibition of nitrification of activated sludge microorganisms (tiered pricing).			

PART 31.C - WATER AND WASTEWATER

1. INDIVIDUAL TESTS

pH	\$8.20	Each	Y
Conductivity	\$8.20	Each	Y
Temperature	\$8.20	Each	Y
COD, Chemical Oxygen Demand, Total	\$43.70	Each	Y
COD, Chemical Oxygen Demand, Soluble	\$43.70	Each	Y
COD, Chemical Oxygen Demand, Flocculated	\$43.70	Each	Y
Alkalinity / Acidity (Total)	\$13.10	Each	Y
Volatile Fatty Acids	\$43.70	Each	Y
Chlorine (Free or Total)	\$8.70	Each	Y
Available Chlorine in Sodium Hypochlorite	\$67.60	Each	Y

Name	Year 24/25 Fee (incl. GST)	Unit	GST
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1. INDIVIDUAL TESTS [continued]

Colour, Apparent	\$10.70	Each	Y
Colour, True, Filtered	\$12.90	Each	Y
Turbidity	\$8.20	Each	Y
Dissolved oxygen	\$8.20	Each	Y
BOD Biological Oxygen Demand	\$43.70	Each	Y
BOD, Filtered/Flocculated	\$45.80	Each	Y
Total Suspended Solids	\$21.00	Each	Y
Total and Volatile Suspended Solids	\$31.50	Each	Y
Total Solids	\$21.00	Each	Y
Total and Volatile Solids	\$31.50	Each	Y
Total Dissolved Solids, Drying at 180°C	\$33.60	Each	Y
Total Dissolved Solids, Calc. (Conductivity required)	\$8.20	Each	Y
Salinity (Calculated from Conductivity)	\$8.20	Each	Y
Sulfite	\$16.80	Each	Y
UV Transmittance	\$8.20	Each	Y
UV Absorbance	\$8.20	Each	Y
Cyanuric Acid	\$9.40	Each	Y
Oxidation reduction potential	\$8.20	Each	Y
Monochloramine	\$16.80	Each	Y

2. NUTRIENTS ANALYSIS

A. STANDARD LEVELS

Ammonia as N	\$22.00	Each	Y
Orthophosphate as P	\$22.00	Each	Y
Oxidised Nitrogen as N (NOx)	\$22.00	Each	Y
*Result is the sum of Nitrite (NO2) plus Nitrate (NO3).			
Oxidised Nitrogen as N (speciated as Nitrite and Nitrate)	\$44.00	Each	Y
Nitrite as N	\$22.00	Each	Y
Total Nitrogen	\$31.50	Each	Y
Total Phosphorous	\$31.50	Each	Y
TKN, Total Kjeldhal Nitrogen	\$30.60	Each	Y

B. TRACE LEVELS

Ammonia as N	\$24.20	Each	Y
Orthophosphate as P	\$24.20	Each	Y
Oxidised Nitrogen as N (NOx)	\$24.20	Each	Y
*Result is the sum of Nitrite (NO2) plus Nitrate (NO3).			
Oxidised nitrogen as N (speciated as Nitrite and Nitrate)	\$48.40	Each	Y
Nitrite as N	\$24.20	Each	Y

Name	Year 24/25 Fee (incl. GST)	Unit	GST
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B. TRACE LEVELS [continued]

Total Nitrogen	\$38.20	Each	Y
Total Phosphorous	\$38.20	Each	Y

3. INORGANIC ANALYSIS

Fluoride	\$21.80	Each	Y
Chloride	\$21.80	Each	Y
Sulfate	\$21.80	Each	Y
Sulfide (Total or soluble)	\$16.50	Each	Y
Bromide	\$84.00	Each	Y
Iodide	\$84.00	Each	Y
Silica	\$21.80	Each	Y
Chlorate	\$84.00	Each	Y
Chlorite	\$84.00	Each	Y
Bromate	\$84.00	Each	Y

4. ORGANICS ANALYSIS

TOC, Total Organic Carbon (Non Purgeable Organic Carbon)	\$35.70	Each	Y
DOC, Dissolved Organic Carbon	\$35.70	Each	Y
Chlorophyll a + algal biomass estimate	\$71.40	Each	Y
Trihalomethanes	\$63.00	Each	Y
Trihalomethanes Formation Potential	\$241.50	Each	Y
MIB / Geosmin (Odour compounds)	\$225.50	Each	Y
Oils and Greases	\$81.90	Each	Y
Oils and Grease and Total Petroleum Hydrocarbon (TPH) Suite	\$92.80	Each	Y
Algal Toxins (Cylindrospermopsin and Anatoxin-a)	\$420.00	Each	Y
Phenols	By quotation	Each	Y
BTEX and N (Naphthalene)	By quotation	Each	Y
Cryptosporidium and Giardia	By quotation	Each	Y
Delta Nitrogen	By quotation	Each	Y
Glyphosphate/AMPA and herbicides	By quotation	Each	Y
Haloacetic Acids	By quotation	Each	Y
Pesticides OC/OP (Environmental)	By quotation	Each	Y
Pesticides OC/OP (Trace - Potable)	By quotation	Each	Y
PCB, Polychlorinated Biphenyls	By quotation	Each	Y
Personal Care Products and Drugs in Water	By quotation	Each	Y
PAH, Polyaromatic Hydrocarbons	By quotation	Each	Y
TOX, Halogenated Organics	By quotation	Each	Y
VOC / SVOC	By quotation	Each	Y

Name	Year 24/25 Fee (incl. GST)	Unit	GST
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5. METALS ANALYSIS

Metals per element	\$9.65	Each	Y
Chromium (Hexavalent)	\$21.80	Each	Y
Chromium - Speciated - Total Chromium + Hexavalent Chromium	\$31.40	Each	Y
Hardness (Ca, Mg)	\$19.30	Each	Y
SAR, Sodium Adsorption Ratio (Na, Ca, Mg)	\$28.90	Each	Y

6. MICROBIOLOGICAL ANALYSIS

Total Coliform (MF)	\$37.80	Each	Y
Total Coliforms (MPN)	\$47.20	Each	Y

(Digestion by USEPA method) Aluminium, Antimony, Arsenic, Barium, Beryllium, Bismuth, Boron, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Lithium, Manganese, Mercury, Molybdenum, Nickel, Rubidium, Titanium, Uranium, Vanadium, Zinc Selenium, Silver, Strontium, Thallium, Tin

Thermotolerant Coliform (MF)	\$37.80	Each	Y
E. coli (MF)	\$37.80	Each	Y
E. coli (MPN)	\$47.20	Each	Y
Heterotrophic (Total) Plate Count (HPC)	\$23.10	Each	Y
Heterotrophic (Total) Plate Count (HPC), Ultra Pure Water (R2A)	\$27.30	Each	Y
Pseudomonas aeruginosa	\$37.80	Each	Y
Enterococci sp.	\$37.80	Each	Y
Algae identification & count	\$105.00	Each	Y
Cryptosporidium and Giardia	By quotation	Each	Y
Sulfite reducing clostridia	\$73.50	Each	Y
Legionella, Standard Level	\$52.00	Each	Y
Legionella, Standard Level and HPC	\$57.80	Each	Y
Legionella, Low Level	\$73.50	Each	Y
Yeasts and Moulds	\$75.60	Each	Y
Bacterial Endotoxins by LAL	\$166.00	Each	Y
Bacterial Endotoxins by LAL, Ultra Trace	\$166.00	Each	Y
Autoclave sterilisation	\$70.90	Each	Y

PART 31.D - SOILS AND SLUDGES

1. INDIVIDUAL TESTS

Soil pH and Conductivity	\$25.20	Each	Y
Moisture Content	\$21.00	Each	Y
Moisture content by drying at 105°C.			
Total N	\$31.50	Each	Y
Total P	\$31.50	Each	Y
TKN	\$30.60	Each	Y
Metals per element (will require digestion)	\$9.65	Each	Y

Name	Year 24/25 Fee (incl. GST)	Unit	GST
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1. INDIVIDUAL TESTS [continued]

Soil Metals Digestion Fee (USEPA or Microwave)	\$11.60	Each	Y
Charged once per sample irrespective of number of metals.			
Total Suspended Solids (Sludges)	\$21.00	Each	Y
Total and Volatile Suspended Solids (Sludges)	\$31.50	Each	Y
Total Solids	\$21.00	Each	Y
Total and Volatile Solids	\$31.50	Each	Y
Coarse Suspended Solids (Sludges)	\$717.00	Each	Y
Capillary Suction Time Test	\$81.90	Each	Y
APHA-AWWA-WEF Capillary Suction Test Method 2710 G.			
Specific Oxygen Uptake Rate (SOUR Testing)	\$130.00	Each	Y
APHA 2710B Oxygen-Consumption Rate; US EPA Method 1683 Specific Oxygen Uptake Rate in Biosolids.			
Sludge Volume Index	\$109.00	Each	Y
APHA-AWWA-WEF Sludge Volume Index Method 2710 D.			
Time to Filter	\$164.00	Each	Y
Standard Methods for the Examination of Water and Wastewater APHA-AWWA-WEF Time-to-Filter Method 2710 H.			

2. MICROBIOLOGICAL ANALYSIS

Total Coliforms	\$49.40	Each	Y
Thermotolerant Coliforms	\$49.40	Each	Y
Heterotrophic Plate Count (HPC)	\$27.30	Each	Y
E coli	\$47.20	Each	Y
Enterococci sp.	\$47.20	Each	Y
Yeasts and Moulds	\$75.60	Each	Y
Pseudomonas aeruginosa	\$47.20	Each	Y
Solids Microbiology Suite	\$88.40	Each	Y
Thermotolerant Coliforms and E. coli.			

PART 31.E - OTHER SERVICES

Additional services and testing are available. Please enquire at the laboratory about services/analysis not listed.

1. OTHER SERVICES

Instrument Calibration Check (price is per instrument)	\$94.50	Each	Y
pH, DO, Conductivity, Chlorine etc.			
Hire of Portable Water Testing Instruments (per day)	By quotation	Each	Y
pH, DO, Conductivity, Chlorine etc.			
Preparation and Standardisation of Solutions and Reagents	By quotation	Each	Y