

Schedule to
CERTIFICATE OF ACCREDITATION

Central Environmental Laboratories
Chemical Testing Laboratory
SCOPE OF ACCREDITATION

Accreditation Number 72

General Waters

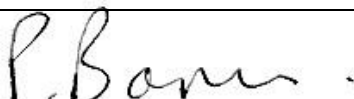
2.41 Waters

- (a) Potable waters
- (b) Non-potable waters
- (c) Sewage
- (d) Effluents and trade wastes
- (f) Swimming pools and spas

The following tests are in accordance with APHA Standard Methods for the Examination of Water and Wastewater (22nd Edition) except where otherwise indicated.

Alkalinity	2320 B
Bicarbonate	By calculation
Biological Oxygen Demand	5210 B
Boron	Analyst 105 (Feb 1980) 139 – 146
Bromide	4110 B
Calcium	3500-Ca B
Calcium Carbonate Saturation	2330 D
Calcium hardness	3500-Ca B
Chemical Oxygen Demand (COD)	5220 C
Chloride	4500-Cl ⁻ B
Chloride	4110 B
Chlorine (residual)	4500-Cl F
Colour	2120 B
Colour	2120 C
Conductivity	2510 B
Dissolved Oxygen	4500-O C
Dissolved Oxygen	4500-O F
Dissolved Oxygen	4500-O G
Fixed and Volatile suspended solids	2540 E
Fluoride	4110 B
Free Carbon Dioxide	4500-CO ₂ C
Langelier saturation index	By calculation
Nitrate	4110 B
Nitrite	4110 B
Nitrogen (Ammonia)	4500-NH ₃ F (modified)
Nitrogen (Nitrite)	4500-NO ₂ ⁻ B
Oil Grease	5520 D
pH	4500-H ⁺ B
Phosphate	4110 B
Phosphorus	4500-P E
Silica	4500-SiO ₂ C
Sulphate	4110 B
Sulphide	4500-S ²⁻ F

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Suspended solids	2540 D
Temperature	2550 B
Total Alkalinity	By calculation
Total dissolved solids	2540 C (modified)
Total hardness	2340 B
Total hardness (as CaCO ₃)	2340 C
Total Kjeldahl Nitrogen (TKN) equivalent	By calculation
Total Nitrogen	4500-P J
Total Phosphorus	4500-P J
Total solids	2540 B
Transmittance at 254 nm	5910 B
Transmittance at 254 nm	Laboratory Manual for the Examination of Water, Wastewater and Soil, 3rd Ed. Rump
Turbidity	2130 B (modified)

In accordance with 3111 B:

Cadmium	Chromium	Copper	Iron
Manganese	Nickel	Potassium	Sodium
Zinc			

In accordance with 3111 D:

Aluminium	Calcium	Magnesium
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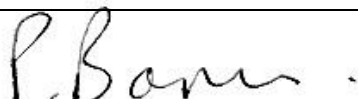
Sampling

2.41 Waters

- (a) Potable waters
- (b) Non-potable waters
- (c) Sewage
- (d) Effluents and trade wastes
- (e) Cooling tower and industrial waters

Sampling by In-house based on AS/NZS 5667.1-12:1998

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