

**FIT FOR PURPOSE**

<b>ANALYSIS</b>	<b>METHOD &amp; REFERENCE</b>
Alkalinity <sup>1</sup>	Automated Titrimetric, SM 2320 B
Ammonia-N <sup>1</sup>	Colorimetric, HACH 8038
Anions (individual) <sup>1</sup>	Ion Chromatography, EPA 300.0 (REV. 2.1)
Anions (Br, Cl, F, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> ) <sup>1</sup>	Ion Chromatography, EPA 300.0 (REV. 2.1)
BOD – Total (5-day) <sup>1</sup>	Dissolved Oxygen Meter, SM 5210
BOD – Carbonaceous (5-day) <sup>1</sup>	Dissolved Oxygen Meter, SM 5210
Carbon – Dissolved Organic (DOC) <sup>1</sup>	Spectrophotometric, HACH 10129
Carbon – Total Organic (TOC) <sup>1</sup>	Spectrophotometric, HACH 10129
Chemical Oxygen Demand (COD) <sup>1</sup>	Colorimetric, SM 5220 D
Chlorine (Free or Total)	HACH 10250, HACH 8021
Colour <sup>1</sup>	Colorimetric, SM 2120 C
Conductivity <sup>1</sup>	Conductivity Meter, SM 2510
Dissolved Oxygen	SM 4500-0 G
Hardness (calculation) <sup>1</sup>	ICP/OES + Calculation of Ca, Mg
Mercury	ICP/OES
Metals, Single Element <sup>1</sup>	ICP/OES
Metals, Total <sup>1</sup>	ICP/OES
Nitrogen, Total Kjeldahl <sup>2</sup>	<i>n/a</i>
Nitrogen, Total	HACH 10071
pH <sup>1</sup>	pH Meter, SM 4500 H+
Phenol <sup>2</sup>	<i>n/a</i>
Phosphorus, Dissolved	ICP/OES
Phosphorus, Total	ICP/OES
Salinity	SM 2520
Solids, Total Dissolved <sup>1</sup>	Gravimetric, SM 2540
Solids, Total Suspended <sup>1</sup>	Gravimetric, SM 2540
Tannins & Lignins <sup>2</sup>	<i>n/a</i>
Turbidity <sup>1</sup>	Turbidimetric, SM 2130
Un-Ionized Ammonia	Wastewater Systems Effluent Regulations (SOR/2012-139)
UV Transmittance (UV-254)	HACH 10243
Volatile Organic Compounds <sup>2</sup>	<i>n/a</i>
<b>PACKAGES</b>	
Package A (As, Pb, U)	ICP/OES
Package B (Pkg A + Alk, Cu, Fe, Hardness, Mn, pH & TDS)	<i>Various</i>
Registered Water Supplies (34 Parameters)	<i>Various</i>
Enviro Surface Water	<i>Various</i>
Enviro Ground Water	<i>Various</i>

<sup>1</sup> The following parameters are accredited by CALA and conforms with the requirements of ISO 17025:2017.

<sup>2</sup> Samples to be tested for these parameters are sent out to other laboratories upon Client's request, pricing is subject to change.