

**Report for Field Sheet Number 20200745**  
**Lake Waingaro at Surface - intake/abstraction**

<b>Sample ID = 20203840</b>	<b>Date 14/07/2020</b>	<b>Time</b>	
<b>Site 101981</b>	<b>Lake Waingaro at Surface - intake/abstraction</b>		
<b>Measurement</b>	<b>Method</b>	<b>Value</b>	<b>Units</b>
Ammoniacal Nitrogen	Ammonia by DA	0.059	g/m3-N
Chlorophyll a	Chlorophyll by UVVIS	0.0053	g/m3
Conductivity at 25 deg C	SPC-1	5.7	mS/m @25 deg C
Dissolved Oxygen	ODO	9.64	mg/L
Dissolved Oxygen Percent Saturation	ODO %	91.9	% Sat
Dissolved Reactive Phosphorus	Dissolved Reactive Phosphorus by DA	0.002	g/m3-P
Faecal Coliforms (presumptive)	Faecal coliforms by Membrane Filtration	11	CFU/100ml
Iron Acid Soluble	FEAS-4	0.16	g/m3
Manganese Acid Soluble	MNAS-2	0.074	g/m3
Nitrite/nitrate nitrogen	NO3NO2 by FA	0.084	g/m3-N
pH	pH (field meter)	7.3	pH
Secchi Depth	Secchi	2.76	m
Temperature	Temperature - YSI	13.19	degC
Total Kjeldahl Nitrogen	TKN by DA_TKN	0.13	g/m3
Total Nitrogen	TN by Calculation	0.22	g/m3-N
Total Phosphorus	TP by DA	0.007	g/m3-P
Total Suspended Solids	Suspended Solids by Gravimetry	2	g/m3

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<b>Sample ID = 20203841</b>	<b>Date 14/07/2020</b>	<b>Time</b>	
<b>Site 101982</b>	<b>Lake Waingaro at Bottom (18 m) at intake point</b>		
<b>Measurement</b>	<b>Method</b>	<b>Value</b>	<b>Units</b>
Ammoniacal Nitrogen	Ammonia by DA	0.073	g/m3-N
Conductivity at 25 deg C	SPC-1	5.72	mS/m @25 deg C
Dissolved Oxygen	ODO	8.68	mg/L
Dissolved Oxygen Percent Saturation	ODO %	82	% Sat
Dissolved Reactive Phosphorus	Dissolved Reactive Phosphorus by DA	0.003	g/m3-P
Iron Acid Soluble	FEAS-4	0.22	g/m3

Manganese Acid Soluble	MNAS-2	0.078	g/m3
Nitrite/nitrate nitrogen	NO3NO2 by FA	0.053	g/m3-N
pH	pH (field meter)	7.8	pH
Temperature	Temperature - YSI	12.82	degC
Total Kjeldahl Nitrogen	TKN by DA_TKN	0.42	g/m3
Total Nitrogen	TN by Calculation	0.47	g/m3-N
Total Phosphorus	TP by DA	0.008	g/m3-P
Total Suspended Solids	Suspended Solids by Gravimetry	2.4	g/m3

Methods used: Standard Methods for the Examination of Water and Waste Water. APHA, AWWA, WEF, 1998 20th edition



