

	<i>Sample Description</i>		GS2 (EPA Point 4)	GSQ (EPA Point 14)
	<i>Sample Date</i>			
	<i>Sample ID</i>		240772/1	240772/2
Test Description	Method No.	Units	<i>Freshwaters</i>	<i>Freshwaters</i>
pH @ 25°C (Field)	APHA 4500 H+B	pH Value	6.8	7.4
Dissolved Oxygen (Field)	In-house LDO	mg/L	2.7	7.1
Conductivity(Field) @25°C	APHA 2510 B	mS/cm	1.2	0.39
# Redox Potential (Field)	# In-House 2580	mV	137.9	126.4
Temperature (Field)	APHA 2550 B	°C	14	14
Alkalinity to pH 4.5 as CaCO <sub>3</sub>	APHA 2320 B	mg/L	374	128
Total Suspended Solids	APHA 2540 D	mg/L	11	44
Oil and Grease	*	mg/L		<5
Chloride	ASTM D4327	mg/L	120	43
Sulphate	ASTM D4327	mg/L	12	7
Calcium	ASTM D6919	mg/L	59	19
Magnesium	ASTM D6919	mg/L	44	16
Sodium	ASTM D6919	mg/L	79	28
Potassium	ASTM D6919	mg/L	25	6
Total Kjeldahl Nitrogen as N	In-House 73 (TN - NOx)	mg/L	5.1	2.0
Ammonia - Nitrogen	ASTM D6919	mg/L	2.23	<1
Nitrite + Nitrate as N	ASTM D4327	mg/L	<0.10	0.43
Total Nitrogen as N	In-House 73	mg/L	5.1	2.4
Total Phosphorus as P	In-House 69	mg/L	0.03	0.08
Total Aluminium	*	mg/L	0.03	1.62
Total Arsenic	*	mg/L	0.001	0.094
Total Chromium	*	mg/L	<0.001	0.006
Total Manganese	*	mg/L	3.72	0.193
Total Iron	*	mg/L	1.60	1.48
Dissolved Aluminium	*	mg/L		0.09
Total Organic Carbon	APHA 5310 B	mg/L	20	13
Dissolved Organic Carbon	APHA 5310 B	mg/L	20	13
Nitrite as N	ASTM D4327	mg/L	<0.10	<0.10
Nitrate as N	ASTM D4327	mg/L	<0.10	0.43