

Table 2: Q1 Feb 2022 - Field & Laboratory Test Results for Surface Water (89781.00.L.003).

Analytes	Units	PQL	ANZECC 2000 FW 95%	EPL Surface Water Trigger Levels Licence 6269	Field_ID	L8	S4	S5	S6	S7
					LocCode	L8	S4	S5	S6	S7
					WellCode					
					Sampled Date	1/02/2022	1/02/2022	1/02/2022	1/02/2022	1/02/2022
					Lab Received Date	2/02/2022	2/02/2022	2/02/2022	2/02/2022	2/02/2022
NEPM 2013 Table 1C GILs, Fresh Waters										
Field	Dissolved Oxygen (Filtered)	mg/L		12.057		14.2	12.7	8.1	8	17.1
	EC (field)	uS/cm		1065		2580	119	138	97	551
	pH (Field)	pH Units		6.5 - 8.0		7.7	7.8	7.1	7.2	7.8
	Temp	oC								
HM in water - dissolved	Iron (Filtered)	mg/L	0.01	1.84		3.2	0.65	0.78	0.82	0.13
	Manganese (Filtered)	mg/L	0.005	1.9	1.9	0.28	0.011	0.02	0.015	0.006
HM in water - total	Iron	mg/L	0.01	1.84		4.3	0.93	1.4	1.5	1
	Manganese	mg/L	0.005	1.9	1.9	0.34	0.011	0.041	0.029	0.095
Ion Balance	Alkalinity (Carbonate)	mg/L	5			40	<5	<5	<5	<5
	Alkalinity (Hydroxide) as CaCO3	mg/L	5			<5	<5	<5	<5	<5
	Alkalinity (total) as CaCO3	mg/L	5		12.283		510	9	11	73
	Alkalinity (Bicarbonate as CaCO3)	mg/L	5				470	9	11	17
	Calcium (Filtered)	mg/L	0.5		2.05		41	1	2	1
	Chloride	mg/L	1		54.49		550	31	34	38
	Ionic Balance	%					-9	-7	-5	-15
	Magnesium (Filtered)	mg/L	0.5		10.05		23	2	2	1
	Potassium (Filtered)	mg/L	0.5		2.282		69	1	2	2
	Sodium (Filtered)	mg/L	0.5		34		370	16	19	20
Sulphate	mg/L	1		3.1		17	3	3	3	
Miscellaneous Inorganics	Ammonia as N	mg/L	0.005	0.9	0.9	46	<0.005	<0.005	<0.005	0.045
	Fluoride	mg/L	0.1			0.1	<0.1	<0.1	<0.1	<0.1
	Nitrate (as N)	mg/L	0.005	0.7	0.7	0.29	0.11	<0.005	<0.005	0.34
	TOC	mg/L	1		33.1		91	17	19	20
	TSS	mg/L	5		33.415		21	<10	11	15
Total Phenolics	Phenolics Total	mg/L	0.05	0.32	0.32	<0.05	<0.05	<0.05	<0.05	<0.05

Notes
 Only EPL Trigger Level Exceedances highlighted