

1745
EPA Licence

		Sample Name	SE236964.001	SE236965.001	
		Description	EPL #3	EPL #3	
		Sample Date	15/9/2022	20/9/2022	
		Matrix	Water	Water	
Method Name	Analyte Name	Units	Reporting Lin	Result	Result
Anions by Ion Chromatography in Water	Fluoride	mg/L	0.1	0.19	0.20
Anions by Ion Chromatography in Water	Sulfate, SO4	mg/L	1	78	71
pH in water	pH**	No unit	0	7.0	7.2
Conductivity and TDS by Calculation - Water	Conductivity @ 25 C	µS/cm	2	250	240
Total and Volatile Suspended Solids (TSS / VSS)	Total Suspended Solids Dried at 103-105°C	mg/L	5	<5	5
BOD5	Biochemical Oxygen Demand (BOD5)	mg/L	5	<5	<5
COD in Water	Chemical Oxygen Demand	mg/L	10	26	27
Total Cyanide in water by Discrete Analyser	Total Cyanide	mg/L	0.004	<0.004	<0.004
Oil and Grease in Water	Oil and Grease	mg/L	5	<5	<5
Methylene Blue Active Substances (MBAS) in Water	Anionic Surfactants as MBAS (Calc. as LAS MW 288)	mg/L	0.1	0.3	<0.1
Trace Metals (Total) in Water by ICPMS	Total Aluminium	µg/L	5	410	410
Trace Metals (Total) in Water by ICPMS	Total Arsenic	µg/L	1	<1	<1
Trace Metals (Total) in Water by ICPMS	Total Cadmium	µg/L	0.1	<0.1	<0.1
Trace Metals (Total) in Water by ICPMS	Total Chromium	µg/L	1	<1	<1
Trace Metals (Total) in Water by ICPMS	Total Cobalt	µg/L	1	<1	<1
Trace Metals (Total) in Water by ICPMS	Total Copper	µg/L	1	2	3
Trace Metals (Total) in Water by ICPMS	Total Lead	µg/L	1	<1	<1
Trace Metals (Total) in Water by ICPMS	Total Manganese	µg/L	1	11	14
Trace Metals (Total) in Water by ICPMS	Total Molybdenum	µg/L	1	<1	<1
Trace Metals (Total) in Water by ICPMS	Total Nickel	µg/L	1	<1	1
Trace Metals (Total) in Water by ICPMS	Total Selenium	µg/L	1	<1	<1
Trace Metals (Total) in Water by ICPMS	Total Zinc	µg/L	5	<5	6
Mercury (total) in Water	Total Mercury	mg/L	0.0001	<0.0001	<0.0001