

Order 1709
Project EPA Licence

				Sample Name	SE223995.001	SE223995.002	SE223995.003
				Description	EPL #4	EPL #5	EPL #6
				Sample Date	22/9/2021	22/9/2021	22/9/2021
				Matrix	Water	Water	Water
Job Number	Method Name	Analyte Name	Units	Reporting Limit	Result	Result	Result
SE223995	Anions by Ion Chromatography i	Sulfate, SO4	mg/L	1	44	51	8.9
SE223995	Anions by Ion Chromatography i	Fluoride	mg/L	0.1	0.48	0.20	0.28
SE223995	Total Cyanide in water by Discre	Total Cyanide	mg/L	0.004	<0.004	<0.004	<0.004
SE223995	COD in Water	Chemical Oxygen De	mg/L	10	26	25	47
SE223995	BOD5	Biochemical Oxygen	mg/L	5	<5	<5	<5
SE223995	Oil and Grease in Water	Oil and Grease	mg/L	5	<5	<5	<5
SE223995	pH in water	pH**	No unit	0	7.4	7.3	7.3
SE223995	Conductivity and TDS by Calcul	Conductivity @ 25 C	µS/cm	2	240	240	280
SE223995	Total and Volatile Suspended S	Total Suspended Sol	mg/L	5	5	<5	<5
SE223995	Methylene Blue Active Substanc	Anionic Surfactants :	mg/L	0.1	0.2	0.1	<0.1
SE223995	Trace Metals (Dissolved) in Wat	Aluminium, Al	µg/L	5	24	61	25
SE223995	Trace Metals (Dissolved) in Wat	Arsenic, As	µg/L	1	<1	<1	<1
SE223995	Trace Metals (Dissolved) in Wat	Cadmium, Cd	µg/L	0.1	<0.1	<0.1	<0.1
SE223995	Trace Metals (Dissolved) in Wat	Chromium, Cr	µg/L	1	<1	<1	<1
SE223995	Trace Metals (Dissolved) in Wat	Cobalt, Co	µg/L	1	<1	<1	<1
SE223995	Trace Metals (Dissolved) in Wat	Copper, Cu	µg/L	1	1	2	1
SE223995	Trace Metals (Dissolved) in Wat	Lead, Pb	µg/L	1	<1	<1	<1
SE223995	Trace Metals (Dissolved) in Wat	Manganese, Mn	µg/L	1	9	25	17
SE223995	Trace Metals (Dissolved) in Wat	Molybdenum, Mo	µg/L	1	<1	<1	<1
SE223995	Trace Metals (Dissolved) in Wat	Nickel, Ni	µg/L	1	<1	<1	1
SE223995	Trace Metals (Dissolved) in Wat	Selenium, Se	µg/L	1	<1	<1	<1
SE223995	Trace Metals (Dissolved) in Wat	Zinc, Zn	µg/L	5	<5	<5	<5
SE223995	Mercury (dissolved) in Water	Mercury	mg/L	0.0001	<0.0001	<0.0001	<0.0001
SE223995	Trace Metals (Total) in Water by	Total Aluminium	µg/L	5	59	120	170
SE223995	Trace Metals (Total) in Water by	Total Arsenic	µg/L	1	<1	<1	<1
SE223995	Trace Metals (Total) in Water by	Total Cadmium	µg/L	0.1	<0.1	<0.1	<0.1
SE223995	Trace Metals (Total) in Water by	Total Chromium	µg/L	1	<1	<1	<1
SE223995	Trace Metals (Total) in Water by	Total Cobalt	µg/L	1	<1	<1	<1
SE223995	Trace Metals (Total) in Water by	Total Copper	µg/L	1	1	2	1
SE223995	Trace Metals (Total) in Water by	Total Lead	µg/L	1	<1	<1	<1
SE223995	Trace Metals (Total) in Water by	Total Manganese	µg/L	1	10	11	16
SE223995	Trace Metals (Total) in Water by	Total Molybdenum	µg/L	1	<1	<1	1
SE223995	Trace Metals (Total) in Water by	Total Nickel	µg/L	1	<1	<1	1
SE223995	Trace Metals (Total) in Water by	Total Selenium	µg/L	1	<1	<1	<1
SE223995	Trace Metals (Total) in Water by	Total Zinc	µg/L	5	<5	<5	<5
SE223995	Mercury (total) in Water	Total Mercury	mg/L	0.0001	<0.0001	<0.0001	<0.0001