

Order 1716
Project EPA Licence

				Sample Name SE224932.001		SE224932.002	SE224932.003	SE224932.004
				Description EPL #4		EPL #5	EPL #6	CM 100
				Sample Date 20/10/2021		20/10/2021	20/10/2021	20/10/2021
				Matrix Water		Water	Water	Water
Job Number	Method Name	Analyte Name	Units	Reporting Limit	Result	Result	Result	Result
SE224932	Total Cyanide in water by Discre	Total Cyanide	mg/L	0.004	<0.004	<0.004	<0.004	<0.004
SE224932	Anions by Ion Chromatography i	Sulfate, SO4	mg/L	1	91	33	3.5	3.5
SE224932	Anions by Ion Chromatography i	Fluoride	mg/L	0.1	0.39	0.19	0.25	0.26
SE224932	pH in water	pH**	No unit	0	7.0	7.2	7.2	7.2
SE224932	Conductivity and TDS by Calcul	Conductivity @ 25 C	µS/cm	2	330	210	230	210
SE224932	Total and Volatile Suspended S	Total Suspended Sol	mg/L	5	6	<5	<5	<5
SE224932	BOD5	Biochemical Oxygen	mg/L	5	<5	<5	<5	<5
SE224932	COD in Water	Chemical Oxygen De	mg/L	10	20	27	48	46
SE224932	Oil and Grease in Water	Oil and Grease	mg/L	5	<5	<5	<5	<5
SE224932	Methylene Blue Active Substanc	Anionic Surfactants :	mg/L	0.1	<0.1	<0.1	<0.1	<0.1
SE224932	Trace Metals (Dissolved) in Wat	Aluminium, Al	µg/L	5	39	100	180	180
SE224932	Trace Metals (Dissolved) in Wat	Arsenic, As	µg/L	1	<1	<1	<1	<1
SE224932	Trace Metals (Dissolved) in Wat	Cadmium, Cd	µg/L	0.1	<0.1	<0.1	<0.1	<0.1
SE224932	Trace Metals (Dissolved) in Wat	Chromium, Cr	µg/L	1	<1	<1	<1	<1
SE224932	Trace Metals (Dissolved) in Wat	Cobalt, Co	µg/L	1	<1	<1	<1	<1
SE224932	Trace Metals (Dissolved) in Wat	Copper, Cu	µg/L	1	<1	2	1	1
SE224932	Trace Metals (Dissolved) in Wat	Lead, Pb	µg/L	1	<1	<1	<1	<1
SE224932	Trace Metals (Dissolved) in Wat	Manganese, Mn	µg/L	1	1	9	5	5
SE224932	Trace Metals (Dissolved) in Wat	Molybdenum, Mo	µg/L	1	<1	<1	1	1
SE224932	Trace Metals (Dissolved) in Wat	Nickel, Ni	µg/L	1	<1	<1	1	1
SE224932	Trace Metals (Dissolved) in Wat	Selenium, Se	µg/L	1	<1	<1	<1	<1
SE224932	Trace Metals (Dissolved) in Wat	Zinc, Zn	µg/L	5	<5	<5	<5	<5
SE224932	Mercury (dissolved) in Water	Mercury	mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001
SE224932	Trace Metals (Total) in Water by	Total Aluminium	µg/L	5	95	200	200	190
SE224932	Trace Metals (Total) in Water by	Total Arsenic	µg/L	1	<1	<1	<1	<1
SE224932	Trace Metals (Total) in Water by	Total Cadmium	µg/L	0.1	<0.1	<0.1	<0.1	<0.1
SE224932	Trace Metals (Total) in Water by	Total Chromium	µg/L	1	<1	<1	<1	<1
SE224932	Trace Metals (Total) in Water by	Total Cobalt	µg/L	1	<1	<1	<1	<1
SE224932	Trace Metals (Total) in Water by	Total Copper	µg/L	1	2	3	2	3
SE224932	Trace Metals (Total) in Water by	Total Lead	µg/L	1	<1	<1	<1	<1
SE224932	Trace Metals (Total) in Water by	Total Manganese	µg/L	1	11	20	23	25
SE224932	Trace Metals (Total) in Water by	Total Molybdenum	µg/L	1	<1	<1	1	1
SE224932	Trace Metals (Total) in Water by	Total Nickel	µg/L	1	<1	1	2	2
SE224932	Trace Metals (Total) in Water by	Total Selenium	µg/L	1	<1	<1	<1	<1
SE224932	Trace Metals (Total) in Water by	Total Zinc	µg/L	5	<5	<5	<5	<5
SE224932	Mercury (total) in Water	Total Mercury	mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001