

Order 1722
 Project EPA Licence

Sample Name SE226662.001	SE226662.002	SE226662.003
Description EPL #4	EPL #5	EPL #6
Sample Date 29/11/2021	29/11/2021	29/11/2021
Matrix Water	Water	Water

Job Number	Method Name	Analyte Name	Units	Reporting Limit	Result	Result	Result
SE226662	Anions by Ion Chromatography	Sulfate, SO4	mg/L	1	170	46	2.5
SE226662	Anions by Ion Chromatography	Fluoride	mg/L	0.1	0.35	0.14	0.21
SE226662	BOD5	Biochemical Oxygen	mg/L	5 <5	<5	<5	
SE226662	COD in Water	Chemical Oxygen De	mg/L	10	15	37	61
SE226662	Total Cyanide in water by Discr	Total Cyanide	mg/L	0.004 <0.004	<0.004	<0.004	
SE226662	pH in water	pH**	No unit	0	6.9	7.0	7.0
SE226662	Conductivity and TDS by Calcul	Conductivity @ 25 C	µS/cm	2	450	230	230
SE226662	Total and Volatile Suspended S	Total Suspended So	mg/L	5 <5		30 <5	
SE226662	Oil and Grease in Water	Oil and Grease	mg/L	5 <5	<5	<5	
SE226662	Methylene Blue Active Substanc	Anionic Surfactants :	mg/L	0.1 <0.1		0.1	0.2
SE226662	Trace Metals (Dissolved) in Wat	Aluminium, Al	µg/L	5	22	100	72
SE226662	Trace Metals (Dissolved) in Wat	Arsenic, As	µg/L	1 <1	<1		1
SE226662	Trace Metals (Dissolved) in Wat	Cadmium, Cd	µg/L	0.1 <0.1	<0.1	<0.1	
SE226662	Trace Metals (Dissolved) in Wat	Chromium, Cr	µg/L	1 <1	<1	<1	
SE226662	Trace Metals (Dissolved) in Wat	Cobalt, Co	µg/L	1 <1	<1	<1	
SE226662	Trace Metals (Dissolved) in Wat	Copper, Cu	µg/L	1	2	2	1
SE226662	Trace Metals (Dissolved) in Wat	Lead, Pb	µg/L	1 <1	<1	<1	
SE226662	Trace Metals (Dissolved) in Wat	Manganese, Mn	µg/L	1 <1		1	3
SE226662	Trace Metals (Dissolved) in Wat	Molybdenum, Mo	µg/L	1	1 <1		1
SE226662	Trace Metals (Dissolved) in Wat	Nickel, Ni	µg/L	1 <1		1	1
SE226662	Trace Metals (Dissolved) in Wat	Selenium, Se	µg/L	1 <1	<1	<1	
SE226662	Trace Metals (Dissolved) in Wat	Zinc, Zn	µg/L	5	7 <5	<5	
SE226662	Mercury (dissolved) in Water	Mercury	mg/L	0.0001 <0.0001	<0.0001	<0.0001	
SE226662	Trace Metals (Total) in Water by	Total Aluminium	µg/L	5	80	200	140
SE226662	Trace Metals (Total) in Water by	Total Arsenic	µg/L	1 <1	<1		1
SE226662	Trace Metals (Total) in Water by	Total Cadmium	µg/L	0.1 <0.1	<0.1	<0.1	
SE226662	Trace Metals (Total) in Water by	Total Chromium	µg/L	1 <1	<1	<1	
SE226662	Trace Metals (Total) in Water by	Total Cobalt	µg/L	1 <1	<1	<1	
SE226662	Trace Metals (Total) in Water by	Total Copper	µg/L	1	2	2	1
SE226662	Trace Metals (Total) in Water by	Total Lead	µg/L	1 <1	<1	<1	
SE226662	Trace Metals (Total) in Water by	Total Manganese	µg/L	1	10	27	19
SE226662	Trace Metals (Total) in Water by	Total Molybdenum	µg/L	1	2 <1		1
SE226662	Trace Metals (Total) in Water by	Total Nickel	µg/L	1 <1		1	2
SE226662	Trace Metals (Total) in Water by	Total Selenium	µg/L	1 <1	<1	<1	
SE226662	Trace Metals (Total) in Water by	Total Zinc	µg/L	5	6 <5	<5	
SE226662	Mercury (total) in Water	Total Mercury	mg/L	0.0001 <0.0001	<0.0001	<0.0001	