

Order
Project EPA Licence

Sample Name SE264315.001	SE264315.002	SE264315.003
Description EPL#4	EPL#5	EPL#6
Sample Date 24/4/2024 9:45	24/4/2024 9:55	24/4/2024 10:15
Matrix Water	Water	Water

Job Number	Method Name	Analyte Name	Units	Reporting Limit	Result	Result	Result
SE264315	Anions by Ion Chromatography in Water	Fluoride	mg/L	0.1	0.65	0.28	0.31
SE264315	Anions by Ion Chromatography in Water	Sulfate, SO4	mg/L	1	170	57	87
SE264315	pH in water	pH**	No unit	0	7.3	8.0	7.1
SE264315	Conductivity and TDS by Calculation - Water	Conductivity @ 25 C	µS/cm	2	610	400	540
SE264315	Total and Volatile Suspended Solids (TSS / VSS)	Total Suspended Solids Dried at 103-105°C	mg/L	5	8	11	20
SE264315	COD in Water	Chemical Oxygen Demand	mg/L	10	33	29	33
SE264315	BOD5	Biochemical Oxygen Demand (BOD5)	mg/L	5	<5	<5	<5
SE264315	Total Cyanide in water by Discrete Analyser	Total Cyanide	mg/L	0.004	<0.004	<0.004	<0.004
SE264315	Oil and Grease in Water	Oil and Grease	mg/L	5	<5	6	<5
SE264315	Methylene Blue Active Substances (MBAS) in Water	Anionic Surfactants as MBAS (Calc. as LAS MW 288)	mg/L	0.1	0.1	0.1	<0.1
SE264315	Trace Metals (Total) in Water by ICPMS	Total Aluminium	µg/L	5	17	39	17
SE264315	Trace Metals (Total) in Water by ICPMS	Total Cadmium	µg/L	0.1	<0.1	<0.1	<0.1
SE264315	Trace Metals (Total) in Water by ICPMS	Total Chromium	µg/L	1	<1	<1	<1
SE264315	Trace Metals (Total) in Water by ICPMS	Total Cobalt	µg/L	1	<1	<1	<1
SE264315	Trace Metals (Total) in Water by ICPMS	Total Copper	µg/L	1	2	1	1
SE264315	Trace Metals (Total) in Water by ICPMS	Total Lead	µg/L	1	<1	<1	<1
SE264315	Trace Metals (Total) in Water by ICPMS	Total Manganese	µg/L	1	7	7	190
SE264315	Trace Metals (Total) in Water by ICPMS	Total Molybdenum	µg/L	1	1	<1	2
SE264315	Trace Metals (Total) in Water by ICPMS	Total Nickel	µg/L	1	<1	<1	<1
SE264315	Trace Metals (Total) in Water by ICPMS	Total Selenium	µg/L	1	<1	<1	<1
SE264315	Trace Metals (Total) in Water by ICPMS	Total Zinc	µg/L	5	19	9	7
SE264315	Trace Metals (Total) in Water by ICPMS	Total Arsenic	µg/L	1	<1	<1	1
SE264315	Mercury (total) in Water	Total Mercury	mg/L	0.0001	<0.0001	<0.0001	<0.0001