

Order  
Project EPA Licence

Job Number	Method Name	Analyte Name	Units	Reporting Limit	Sample Name	SE271986.001	SE273031.001
					Description	EPL #3	EPL #3
				Sample Date	1/10/2024 1:00	22/10/2024 10:45	
				Matrix	Water	Water	
					Result	Result	Result
SE271986	Anions by Ion Chromatography in Water	Fluoride	mg/L	0.1	<0.1		<b>0.28</b>
SE271986	Anions by Ion Chromatography in Water	Sulfate, SO4	mg/L	1	<b>68</b>		<b>54</b>
SE271986	pH in water	pH**	No unit	0	<b>7.9</b>		<b>7.9</b>
SE271986	Conductivity and TDS by Calculation - Water	Conductivity @ 25 C	µS/cm	2	<b>360</b>		<b>390</b>
SE271986	Total and Volatile Suspended Solids (TSS / VSS)	Total Suspended Solids Dried at 103-105°C	mg/L	5	<5		<5
SE271986	COD in Water	Chemical Oxygen Demand	mg/L	10	<b>26</b>		<b>31</b>
SE271986	BOD5	Biochemical Oxygen Demand (BOD5)	mg/L	5	<5		<5
SE271986	Total Cyanide in water by Discrete Analyser	Total Cyanide	mg/L	0.004	<0.004		<0.004
SE271986	Oil and Grease in Water	Oil and Grease	mg/L	5	<5		<5
SE271986	Methylene Blue Active Substances (MBAS) in Water	Anionic Surfactants as MBAS (Calc. as LAS MW 288)	mg/L	0.1	<0.1		<0.1
SE271986	Trace Metals (Total) in Water by ICPMS	Total Aluminium	µg/L	5	<b>25</b>		<b>280</b>
SE271986	Trace Metals (Total) in Water by ICPMS	Total Arsenic	µg/L	1	<1		<1
SE271986	Trace Metals (Total) in Water by ICPMS	Total Cadmium	µg/L	0.1	<0.1		<0.1
SE271986	Trace Metals (Total) in Water by ICPMS	Total Chromium	µg/L	1	<1		<1
SE271986	Trace Metals (Total) in Water by ICPMS	Total Cobalt	µg/L	1	<1		<1
SE271986	Trace Metals (Total) in Water by ICPMS	Total Copper	µg/L	1	<b>2</b>		<1
SE271986	Trace Metals (Total) in Water by ICPMS	Total Lead	µg/L	1	<1		<1
SE271986	Trace Metals (Total) in Water by ICPMS	Total Manganese	µg/L	1	<b>6</b>		<b>17</b>
SE271986	Trace Metals (Total) in Water by ICPMS	Total Molybdenum	µg/L	1	<1		<1
SE271986	Trace Metals (Total) in Water by ICPMS	Total Nickel	µg/L	1	<1		<1
SE271986	Trace Metals (Total) in Water by ICPMS	Total Selenium	µg/L	1	<1		<1
SE271986	Trace Metals (Total) in Water by ICPMS	Total Zinc	µg/L	5	<b>8</b>		<5
SE271986	Mercury (total) in Water	Total Mercury	mg/L	0.0001	<0.0001		<0.0001