

**Order**  
**Project** EPA Licence

<b>Sample Name</b> SE259529.001	SE259529.002	SE259529.003
<b>Description</b> EPL#4	EPL#5	EPL#6
<b>Sample Date</b> 22/1/2024 10:10	22/1/2024 9:50	22/1/2024 9:00
<b>Matrix</b> Water	Water	Water

<b>Job Number</b>	<b>Method Name</b>	<b>Analyte Name</b>	<b>Units</b>	<b>Reporting Limit</b>	<b>Result</b>	<b>Result</b>	<b>Result</b>
SE259529	Anions by Ion Chromatography in Water	Fluoride	mg/L	0.1	<b>0.58</b>	<b>0.27</b>	<b>0.36</b>
SE259529	Anions by Ion Chromatography in Water	Sulfate, SO4	mg/L	1	<b>130</b>	<b>56</b>	<b>3.2</b>
SE259529	pH in water	pH**	No unit	0	<b>7.5</b>	<b>7.9</b>	<b>7.4</b>
SE259529	Conductivity and TDS by Calculation - Water	Conductivity @ 25 C	µS/cm	2	<b>500</b>	<b>340</b>	<b>440</b>
SE259529	Total and Volatile Suspended Solids (TSS / VSS)	Total Suspended Solids Dried at 103-105°C	mg/L	5	<b>18</b>	<b>6</b>	<5
SE259529	COD in Water	Chemical Oxygen Demand	mg/L	10	<b>37</b>	<b>26</b>	<b>23</b>
SE259529	BOD5	Biochemical Oxygen Demand (BOD5)	mg/L	5	<5	<5	<5
SE259529	Total Cyanide in water by Discrete Analyser	Total Cyanide	mg/L	0.004	<0.004	<0.004	<0.004
SE259529	Oil and Grease in Water	Oil and Grease	mg/L	5	<5	<5	<5
SE259529	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
SE259529	Trace Metals (Total) in Water by ICPMS	Total Aluminium	µg/L	5	<b>190</b>	<b>110</b>	<b>17</b>
SE259529	Trace Metals (Total) in Water by ICPMS	Total Cadmium	µg/L	0.1	<0.1	<0.1	<0.1
SE259529	Trace Metals (Total) in Water by ICPMS	Total Chromium	µg/L	1	<1	<1	<1
SE259529	Trace Metals (Total) in Water by ICPMS	Total Cobalt	µg/L	1	<1	<1	<1
SE259529	Trace Metals (Total) in Water by ICPMS	Total Copper	µg/L	1	<1	<1	<1
SE259529	Trace Metals (Total) in Water by ICPMS	Total Lead	µg/L	1	<1	<1	<1
SE259529	Trace Metals (Total) in Water by ICPMS	Total Manganese	µg/L	1	<b>17</b>	<b>10</b>	<b>280</b>
SE259529	Trace Metals (Total) in Water by ICPMS	Total Molybdenum	µg/L	1	<b>1</b>	<1	<b>2</b>
SE259529	Trace Metals (Total) in Water by ICPMS	Total Nickel	µg/L	1	<1	<1	<1
SE259529	Trace Metals (Total) in Water by ICPMS	Total Selenium	µg/L	1	<1	<1	<1
SE259529	Trace Metals (Total) in Water by ICPMS	Total Zinc	µg/L	5	<b>6</b>	<5	<b>7</b>
SE259529	Trace Metals (Total) in Water by ICPMS	Total Arsenic	µg/L	1	<1	<1	<b>2</b>
SE259529	Mercury (total) in Water	Total Mercury	mg/L	0.0001	<0.0001	<0.0001	<0.0001