

**Licence No 4627 - Publication of Monitoring Data
M8 St Peters Interchange – 10-16 Albert Street, St Peters**

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Ambient Monitoring – Leachate Quality

EPL No: 4627

Date of Sampling: 8 December 2023

Date Received: 3 April 2024

Date of Publication: 5 April 2024

Pollutant	Unit	Frequency	Monitoring Point (EPA Identification Number)
			LP1 (16)
Electrical Conductivity	Microsiemens per centimetre	Quarterly	5776
pH	pH units	Quarterly	7.17
Redox Potential	millivolts	Quarterly	13.4
Temperature	Degrees Celsius	Quarterly	27
Total Organic Carbon	Milligrams per litre	Quarterly	63
Calcium	Milligrams per litre	Quarterly	NR1
Magnesium	Milligrams per litre	Quarterly	NR1
Potassium	Milligrams per litre	Quarterly	160
Ammonia	Milligrams per litre	Quarterly	180
Nitrite	Milligrams per litre	Quarterly	0.059
Nitrate	Milligrams per litre	Quarterly	<0.05
Sodium	Milligrams per litre	Quarterly	NR1
Total Alkalinity	Milligrams per litre	Quarterly	NR1
Total Dissolved Solids	Milligrams per litre	Quarterly	2600
Fluoride	Milligrams per litre	Quarterly	NR1
Chloride	Milligrams per litre	Quarterly	NR1
Total Nitrogen	Milligrams per litre	Quarterly	0.069
Total Phosphorous	Milligrams per litre	Quarterly	NR1
Sulphate	Milligrams per litre	Quarterly	NR1

Notes

EPL - Environment Protection Licence

< - less than

NR1 - No result - Laboratory error – chain of custody error