

**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 22 June 2023

Date Received 24 October 2023

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Pollutant	Unit	Frequency	Monitoring Point (EPA Identification Number)
			LP1 (16)
Electrical Conductivity	Microsiemens per centimetre	Quarterly	5657
pH	pH units	Quarterly	7.09
Redox Potential	millivolts	Quarterly	94.6
Temperature	Degrees Celsius	Quarterly	20.5
Total Organic Carbon	Milligrams per litre	Quarterly	74
Calcium	Milligrams per litre	Quarterly	120
Magnesium	Milligrams per litre	Quarterly	72
Potassium	Milligrams per litre	Quarterly	180
Ammonia	Milligrams per litre	Quarterly	190
Nitrite	Milligrams per litre	Quarterly	<0.005
Nitrate	Milligrams per litre	Quarterly	<0.05
Sodium	Milligrams per litre	Quarterly	710
Total Alkalinity	Milligrams per litre	Quarterly	2,300
Total Dissolved Solids	Milligrams per litre	Quarterly	3,000
Fluoride	Milligrams per litre	Quarterly	0.4
Chloride	Milligrams per litre	Quarterly	790
Total Nitrogen	Milligrams per litre	Quarterly	<0.005
Total Phosphorous	Milligrams per litre	Quarterly	0.63
Sulphate	Milligrams per litre	Quarterly	12

EPL - Environment Protection Licence

< - less than

