

Leachate Quality Monitoring

EPL No:	20476
Reporting Period	2022-23

Pollutant	Unit*	Frequency	Monitoring Location Identification	
			Date of Sampling	16/8/2023
			Date of Reported Results	14/9/2023
			Leachate Aeration Dam (Point 12)	
Alkalinity (as CaCO3)	mg/L	Half Yearly	5000	
Aluminium	mg/L	Half Yearly	2.1	
Arsenic	mg/L	Half Yearly	0.024	
Barium	mg/L	Half Yearly	0.007	
Benzene	µg/L	Half Yearly	<0.1	
Cadmium	mg/L	Half Yearly	<0.001	
Calcium	mg/L	Half Yearly	990	
Chloride	mg/L	Half Yearly	1600	
Chromium (Hex)	mg/L	Half Yearly	<0.005	
Chromium (Total)	mg/L	Half Yearly	0.092	
Cobalt	mg/L	Half Yearly	0.027	
Copper	mg/L	Half Yearly	0.001	
Electrical conductivity	µS/cm	Half Yearly	14792	
Ethyl Benzene	µg/L	Half Yearly	<0.1	
Fluoride	mg/L	Half Yearly	<0.1	
Iron	mg/L	Half Yearly	2.7	
Lead	mg/L	Half Yearly	<0.001	
Magnesium	mg/L	Half Yearly	190	
Manganese	mg/L	Half Yearly	1.4	
Mercury	mg/L	Half Yearly	<0.05	
Nitrate	mg/L	Half Yearly	<0.01	
Nitrite	mg/L	Half Yearly	<0.005	
Nitrogen (ammonia)	mg/L	Half Yearly	600	
Organo-chlorine pesticides	µg/L	Half Yearly	<0.004	
Organo-phosphate pesticides	µg/L	Half Yearly	<0.0024	
pH	pH	Half Yearly	7.57	
Phosphorous	mg/L	Half Yearly	19	
Polycyclic Aromatic Hydrocarbons	µg/L	Half Yearly	<0.001	
Potassium	mg/L	Half Yearly	750	
Sodium	mg/L	Half Yearly	1000	
Sulphate	mg/L	Half Yearly	<1	
Toluene	µg/L	Half Yearly	<0.1	
Total Dissolved Solids	mg/L	Half Yearly	13000	
Total Organic Carbon	mg/L	Half Yearly	6000	
Total Phenols	mg/L	Half Yearly	2.7	
Total Suspended Solids	mg/L	Half Yearly	1700	
TPH C10-C14	µg/L	Half Yearly	7.9	
TPH C15- C28	µg/L	Half Yearly	3.3	
TPH C29-C36	µg/L	Half Yearly	0.39	
TPH C6-C9	µg/L	Half Yearly	<1	
Xylene	µg/L	Half Yearly	<0.1	
Zinc	mg/L	Half Yearly	0.032	

* Unit of Measure Abbreviations	
Microsiemens per centimetre	µS/cm
Milligrams per Litre	mg/L
Micrograms per Litre	µg/L

[Veolia Environmental Services Pty Ltd EPL 20476](#)

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Premises:
Woodlawn Mechanical Biological Treatment Facility 619 Collector Road, Tarago NSW 2580