

**FOREST ROAD COMPOST FACILITY - YEARLY SUMMARY FOR 2021/22**

Licence Number - 12673

Forest Road Landfill - Forest Road, Tamworth NSW 2340 Licencee - Tamworth Regional Council

Public Register

<https://www.epa.nsw.gov.au/licensing-and-regulation/public-registers>

LICENCE PERIOD: 10th Apr 2023 - 9th April 2024

PQL = Practical Quantitation Limit

LOR = Limit of Reporting

**POINT 1 - Leachate Pond Spillway**

Pollutant	Unit of measure	Monitoring Frequency	Date Sampled
			6/09/2023
			Date Data Obtained
			19/09/2023
			Value
Alkalinity (as calcium carbonate)	mg/L	Special Frequency 1	< 1
Biological Oxygen Demand	mg/L	Special Frequency 1	1865
Calcium	mg/L	Special Frequency 1	287
Chloride	mg/L	Special Frequency 1	0
Fluoride	mg/L	Special Frequency 1	0.3
Iron	mg/L	Special Frequency 1	27
Magnesium	mg/L	Special Frequency 1	144
Manganese	mg/L	Special Frequency 1	4.22
Nitrate	mg/L	Special Frequency 1	< 1.0
Nitrogen (ammonia)	mg/L	Special Frequency 1	694
pH	pH Units	Special Frequency 1	8.1
Potassium	mg/L	Special Frequency 1	2240
Sodium	mg/L	Special Frequency 1	562
Sulfate	mg/L	Special Frequency 1	< 100
Total Organic Carbon	mg/L	Special Frequency 1	40
Total Phenolics	µg/L	Special Frequency 1	< 5.0
Total Suspended Solids	mg/L	Special Frequency 1	140
Volatile Organic Compounds	mg/L	Special Frequency 1	< 5
Volumetric Flow Rate	KL/Day	Special Frequency 1	NR
Organochlorine Pesticides	µg/L	Special Frequency 1	< 0.5
Organophosphate Pesticides	µg/L	Special Frequency 1	< 0.5

NOTE: Special Frequency 1 - collection of samples once in the first 24 hours after detection of discharge and then weekly whilst the discharge continues

**POINT 2 -Groundwater Bore (CF-GW18, FRMB08)**

Pollutant	Unit of measure	Monitoring Frequency	Date Sampled	Date Sampled	Date Sampled	Date Sampled
			28/09/2023			
			Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
			10/10/2023			
			Value	Value	Value	Value
pH	pH Value	Quarterly	7.4			
Total Dissolved Solids	mg/L	Quarterly	1048			
Calcium	mg/L	Quarterly	121			
Magnesium	mg/L	Quarterly	59			
Sodium	mg/L	Quarterly	196			
Potassium	mg/L	Quarterly	< 5			
Sulphate	mg/L	Quarterly	170			
Chloride	mg/L	Quarterly	173			
Fluoride	mg/L	Quarterly	0.64			
Alkalinity (as calcium carbonate)	mg/L	Yearly	NA			
Nitrogen (Ammonia)	mg/L	Quarterly	< 0.5			
Nitrate	mg/L	Quarterly	1.6			
Biological Oxygen Demand	mg/L	Quarterly	< 2			
Total Organic Carbon	mg/L	Quarterly	5			
Iron (Total)	mg/L	Quarterly	< 0.05			
Manganese	mg/L	Quarterly	0.004			
Faecal Coliforms	CFU/100m L	Quarterly	< 1			
Total Phenols	µg/L	Yearly	NA			
Volatile Organic Compounds	mg/L	Yearly	NA			
Organochlorine Pesticides	µg/L	Yearly	NA			
Organophosphate Pesticides	µg/L	Yearly	NA			