

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 2024 - 9th April 2025

PQL = Practical Quantitation Limit

LOR = Limit of Reporting

POINT 1 - Leachate Pond Spillway

Pollutant	Unit of measure	Monitoring Frequency	Date Sampled	Date Sampled	Date Sampled	Date Sampled
			12.06.2024			
			Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
			21.06.2024			
			Value	Value	Value	Value
Alkalinity (as calcium carbonate)	mg/L	Special Frequency 1	2880			
Biological Oxygen Demand	mg/L	Special Frequency 1	882			
Calcium	mg/L	Special Frequency 1	179			
Chloride	mg/L	Special Frequency 1	2000			
Fluoride	mg/L	Special Frequency 1	0.2			
Iron	mg/L	Special Frequency 1	17.8			
Magnesium	mg/L	Special Frequency 1	179			
Manganese	mg/L	Special Frequency 1	2.73			
Nitrate	mg/L	Special Frequency 1	< 1.00			
Nitrogen (ammonia)	mg/L	Special Frequency 1	239			
pH	pH Units	Special Frequency 1	8.1			
Potassium	mg/L	Special Frequency 1	2560			
Sodium	mg/L	Special Frequency 1	644			
Sulfate	mg/L	Special Frequency 1	< 100			
Total Organic Carbon	mg/L	Special Frequency 1	3040			
Total Phenolics	µg/L	Special Frequency 1	1.05			
Total Suspended Solids	mg/L	Special Frequency 1	192			
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
			20.06.2024			
			Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
			02.07.2024			
			Value	Value	Value	Value
pH	pH Value	Quarterly	7.4			
Total Dissolved Solids	mg/L	Quarterly	992			
Calcium	mg/L	Quarterly	121			
Magnesium	mg/L	Quarterly	57			
Sodium	mg/L	Quarterly	213			
Potassium	mg/L	Quarterly	3			
Sulphate	mg/L	Quarterly	155			
Chloride	mg/L	Quarterly	190			
Fluoride	mg/L	Quarterly	< 1			
Alkalinity (as calcium carbonate)	mg/L	Yearly	NA			
Nitrogen (Ammonia)	mg/L	Quarterly	< 1			
Nitrate	mg/L	Quarterly	< 1			
Biological Oxygen Demand	mg/L	Quarterly	< 2			
Total Organic Carbon	mg/L	Quarterly	4			
Iron (Total)	mg/L	Quarterly	0.06			
Manganese	mg/L	Quarterly	< 1			
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			