

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 2022 - 9th April 2023

PQL = Practical Quantitation Limit

LOR = Limit of Reporting

POINT 1 - Leachate Pond Spillway

Pollutant	Unit of measure	Monitoring Frequency	Date Sampled
			No overflow
			Date Data Obtained
			No overflow
			Value
Alkalinity (as calcium carbonate)	mg/L	Special Frequency 1	N/A
Biological Oxygen Demand	mg/L	Special Frequency 1	N/A
Calcium	mg/L	Special Frequency 1	N/A
Chloride	mg/L	Special Frequency 1	N/A
Fluoride	mg/L	Special Frequency 1	N/A
Iron	mg/L	Special Frequency 1	N/A
Magnesium	mg/L	Special Frequency 1	N/A
Manganese	mg/L	Special Frequency 1	N/A
Nitrate	mg/L	Special Frequency 1	N/A
Nitrogen (ammonia)	mg/L	Special Frequency 1	N/A
pH	pH Units	Special Frequency 1	N/A
Potassium	mg/L	Special Frequency 1	N/A
Sodium	mg/L	Special Frequency 1	N/A
Sulfate	mg/L	Special Frequency 1	N/A
Total Organic Carbon	mg/L	Special Frequency 1	N/A
Total Phenolics	µg/L	Special Frequency 1	N/A
Total Suspended Solids	mg/L	Special Frequency 1	N/A
Volatile Organic Compounds	mg/L	Special Frequency 1	N/A
Volumetric Flow Rate	KL/Day	Special Frequency 1	N/A
Organochlorine Pesticides	µg/L	Special Frequency 1	N/A
Organophosphate Pesticides	µg/L	Special Frequency 1	N/A

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
			21/06/2022			
			Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
			30/06/2022			
			Value	Value	Value	Value
pH	pH Value	Quarterly	7.5			
Total Dissolved Solids	mg/L	Quarterly	1072			
Calcium	mg/L	Quarterly	87			
Magnesium	mg/L	Quarterly	54			
Sodium	mg/L	Quarterly	171			
Potassium	mg/L	Quarterly	<1			
Sulphate	mg/L	Quarterly	146			
Chloride	mg/L	Quarterly	171			
Fluoride	mg/L	Quarterly	0.41			
Alkalinity (as calcium carbonate)	mg/L	Yearly	NA			
Nitrogen (Ammonia)	mg/L	Quarterly	<0.1			
Nitrate	mg/L	Quarterly	1.19			
Biological Oxygen Demand	mg/L	Quarterly	<2			
Total Organic Carbon	mg/L	Quarterly	3			
Iron (Total)	mg/L	Quarterly	0.15			
Manganese	mg/L	Quarterly	0.026			
Faecal Coliforms	CFU/100mL	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			