

**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 2021 - 9th Apr 2022

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
			1/06/2021	1/09/2021	20/01/2022	3/03/2022
			Date Data Obtained	Date Data Obtained	Date Data Obtained	Date Data Obtained
			23/06/2021	10/09/2021	24/01/2022	28/04/2022
			Value	Value	Value	Value
pH	pH Value	Quarterly	7.6	7.3	7.1	7.5
Total Dissolved Solids	mg/L	Quarterly	1104	1096	1036	1022
Calcium	mg/L	Quarterly	130	132	136	143
Magnesium	mg/L	Quarterly	63	59	62	60
Sodium	mg/L	Quarterly	215	188	190	191
Potassium	mg/L	Quarterly	1	<1	2	1
Sulphate	mg/L	Quarterly	176	156	166	138
Chloride	mg/L	Quarterly	160	199	188	203
Fluoride	mg/L	Quarterly	0.54	0.53	0.57	0.58
Alkalinity (as calcium carbonate)	mg/L	Yearly	N/A	N/A	548	N/A
Nitrogen (Ammonia)	mg/L	Quarterly	<0.01	<0.1	<0.01	<0.01
Nitrate	mg/L	Quarterly	0.09	1	0.95	1.71
Biological Oxygen Demand	mg/L	Quarterly	<2	<2	<2	<2
Total Organic Carbon	mg/L	Quarterly	<1	<1	2	5
Iron (Total)	mg/L	Quarterly	0.51	0.26	0.18	0.43
Manganese	mg/L	Quarterly	0.120	0.148	0.054	0.053
Faecal Coliforms	CFU/100mL	Quarterly	<1	<1	<1	<1
Total Phenols	µg/L	Yearly	N/A	N/A	<0.05	N/A
Volatile Organic Compounds	mg/L	Yearly	N/A	N/A	<PQL	N/A
Organochlorine Pesticides	µg/L	Yearly	N/A	N/A	<LOR	N/A
Organophosphate Pesticides	µg/L	Yearly	N/A	N/A	<LOR	N/A