

Environment Compliance: Pollution Monitoring Data

Mid-Western Regional Council - Mudgee Waste Facility

31 Blain Road, Caerleon, NSW, 2850

EPA Licence: **6348**

Monitoring Point: **EPA 8.**

Monitoring Frequency: **Special Frequency 1**

Reporting Period: 01 October 2024 - 30 September 2025

Groundwater quality monitoring, Groundwater Monitoring Bore "9804A" as identified on drawing O8A_EV03 dated 2012 contained within the Mudgee Waste Facility Pollution Incident Response Management Plan, dated 08/2012

<https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=6348&id=6348&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=issued>

Date Sampled:	11/11/2024	
WorkOrder:	ME2401780	
Sampler:	ALS	
Results Received:	20/11/2024	

Pollutant	Limit 100 percentile	Unit of measure				No. of samples collected and analysed	Lowest Sample Value	Mean of Sample	Highest Sample Value
Alkalinity as CaCO3		mg/L	485			1	485.000	485.000	485.000
Aluminium		mg/L	0.08			1	0.080	0.080	0.080
Ammonia as N		mg/L	0.01			1	0.010	0.010	0.010
Arsenic		mg/L	<0.001			1	0.001	0.001	0.001
Barium		mg/L	0.066			1	0.066	0.066	0.066
Biochemical Oxygen Demand		mg/L	<2			1	1.000	1.000	1.000
Calcium		mg/L	339			1	339.000	339.000	339.000
Chloride		mg/L	1040			1	1040.000	1040.000	1040.000
Cobalt		mg/L	<0.001			1	0.001	0.001	0.001
Conductivity (Non Compensated)		µS/cm	4280			1	4280.000	4280.000	4280.000
Copper		mg/L	<0.001			1	0.001	0.001	0.001
Fluoride		mg/L	0.2			1	0.200	0.200	0.200
Iron		mg/L	0.21			1	0.210	0.210	0.210
Lead		mg/L	0.002			1	0.002	0.002	0.002
Magnesium		mg/L	157			1	157.000	157.000	157.000
Manganese		mg/L	0.034			1	0.034	0.034	0.034
Nitrate as N		mg/L	4.67			1	4.670	4.670	4.670
pH		pH	6.8			1	6.800	6.800	6.800
Phosphorus as P (total)		mg/L	0.07			1	0.070	0.070	0.070
Potassium		mg/L	4			1	4.000	4.000	4.000
Sodium		mg/L	370			1	370.000	370.000	370.000
Standing Water Level		As Approp.	15.221			1	15.221	15.221	15.221
Sulfate as SO4 - Turbidimetric		mg/L	113			1	113.000	113.000	113.000
Total Dissolved Solids @180°C		mg/L	2800			1	2800.000	2800.000	2800.000
Total Organic Carbon		mg/L	2			1	2.000	2.000	2.000
Total Petroleum Hydrocarbons		mg/L	<50			1	0.049	0.049	0.049
Total Phenolics		mg/L	<0.05			1	0.040	0.040	0.040
Zinc		mg/L	0.006			1	0.006	0.006	0.006