

Environment Compliance: Pollution Monitoring Data

Mid-Western Regional Council - Mudgee Waste Facility

31 Blain Road, Caerleon, NSW, 2850

Reporting Period: 01 October 2024 - 30 September 2025

EPA Licence: **6348**

Monitoring Point: **EPA 7.**

Monitoring Frequency: **Special Frequency 1**

Groundwater quality monitoring, Groundwater Monitoring Bore "9803A" as identified on drawing 08A_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:	11/12/2024	
Work Order:	ME2401962	
Sampler:	ALS	
Results Received:	20/11/2024	
Published:		

Pollutant	Limit 100 percentile	Unit of measure	DRY BORE RETEST	No. of samples required.	No. of samples collected and analysed	Lowest Sample Value	Mean of Sample	Highest Sample Value
Alkalinity as CaCO ₃		mg/L	786.000	2	1	786.000	786.000	786.000
Aluminium		mg/L	4.940	2	1	4.940	4.940	4.940
Ammonia as N		mg/L	2.710	2	1	2.710	2.710	2.710
Arsenic		mg/L	0.018	2	1	0.018	0.018	0.018
Barium		mg/L	0.340	2	1	0.340	0.340	0.340
Biochemical Oxygen Demand		mg/L	1.000	2	1	1.000	1.000	1.000
Calcium		mg/L	231.000	2	1	231.000	231.000	231.000
Chloride		mg/L	1120.000	2	1	1120.000	1120.000	1120.000
Cobalt		mg/L	0.027	2	1	0.027	0.027	0.027
Conductivity (Non Compensated)		µS/cm	5160.000	2	1	5160.000	5160.000	5160.000
Copper		mg/L	0.012	2	1	0.012	0.012	0.012
Fluoride		mg/L	0.100	2	1	0.100	0.100	0.100
Iron		mg/L	28.000	2	1	28.000	28.000	28.000
Lead		mg/L	0.012	2	1	0.012	0.012	0.012
Magnesium		mg/L	272.000	2	1	272.000	272.000	272.000
Manganese		mg/L	1.530	2	1	1.530	1.530	1.530
Nitrate as N		mg/L	0.070	2	1	0.070	0.070	0.070
pH		pH	6.900	2	1	6.900	6.900	6.900
Phosphorus as P (total)		mg/L	0.560	2	1	0.560	0.560	0.560
Potassium		mg/L	15.000	2	1	15.000	15.000	15.000
Sodium		mg/L	400.000	2	1	400.000	400.000	400.000
Standing Water Level		As Approp.	25.260	2	1	25.260	25.260	25.260
Sulfate as SO ₄ - Turbidimetric		mg/L	79.000	2	1	79.000	79.000	79.000
Total Dissolved Solids @180°C		mg/L	3680.000	2	1	3680.000	3680.000	3680.000
Total Organic Carbon		mg/L	10.000	2	1	10.000	10.000	10.000
Total Petroleum Hydrocarbons		mg/L	0.049	2	1	0.049	0.049	0.049
Total Phenolics		mg/L	0.040	2	1	0.040	0.040	0.040
Zinc		mg/L	0.033	2	1	0.033	0.033	0.033
			DRY BORE RETEST					