

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 5.**

Monitoring Frequency: **Special Frequency 1**

Groundwater quality monitoring, Groundwater Monitoring Bore "9801A" 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/prpoeapp/Detail.aspx?instid=6348&id=6348&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued>

Date sampled:	11/11/2024	14/05/2025
Work Order:	ME2401780	ME2500702
Sampler:	ALS	ALS
Results Received:	20/11/2024	22/05/2025
Published:		

Pollutant	Limit 100 percentile	Unit of measure			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	547	593	2	2	547.000	570.000	593.000
Aluminium		mg/L	0.05	0.1	2	2	0.050	0.075	0.100
Ammonia as N		mg/L	0.09	0.56	2	2	0.090	0.325	0.560
Arsenic		mg/L	0.003	0.003	2	2	0.003	0.003	0.003
Barium		mg/L	0.586	0.558	2	2	0.558	0.572	0.586
Biochemical Oxygen Demand		mg/L	<2	<2	2	2	1.000	1.000	1.000
Calcium		mg/L	842	805	2	2	805.000	823.500	842.000
Chloride		mg/L	3060	3240	2	2	3060.000	3150.000	3240.000
Cobalt		mg/L	0.004	0.004	2	2	0.004	0.004	0.004
Conductivity (Non Compensated)		µS/cm	10300	9590	2	2	9590.000	9945.000	10300.000
Copper		mg/L	0.001	<0.001	2	2	0.001	0.001	0.001
Fluoride		mg/L	0.02	0.2	2	2	0.020	0.110	0.200
Iron		mg/L	4.42	4.84	2	2	4.420	4.630	4.840
Lead		mg/L	<0.001	0.002	2	2	0.002	0.002	0.002
Magnesium		mg/L	384	364	2	2	364.000	374.000	384.000
Manganese		mg/L	0.62	0.683	2	2	0.620	0.652	0.683
Nitrate as N		mg/L	<0.01	0.01	2	2	0.009	0.009	0.009
pH		pH	6.4	6.5	2	2	6.400	6.450	6.500
Phosphorus as P (total)		mg/L	0.04	0.34	2	2	0.040	0.190	0.340
Potassium		mg/L	7	6	2	2	6.000	6.500	7.000
Sodium		mg/L	898	880	2	2	880.000	889.000	898.000
Standing Water Level		As Approp.	3.52	3.75	2	2	3.520	3.635	3.750
Sulfate as SO ₄ - Turbidimetric		mg/L	122	85	2	2	85.000	103.500	122.000
Total Dissolved Solids @180°C		mg/L	7620	8430	2	2	7620.000	8025.000	8430.000
Total Organic Carbon		mg/L	9	11	2	2	9.000	10.000	11.000
Total Petroleum Hydrocarbons		mg/L	0.2	0.049	2	2	0.049	0.125	0.200
Total Phenolics		mg/L	<0.05	<0.05	2	2	0.040	0.040	0.040
Zinc		mg/L	0.026	0.093	2	2	0.026	0.060	0.093