

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	
Work Order:	ME2401780	
Sampler:	ALS	
Results Received:	20/11/2024	
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 CaCO3		mg/L	547		2	1	547.000	547.000	547.000
Aluminium		mg/L	0.05		2	1	0.050	0.050	0.050
Ammonia as N		mg/L	0.09		2	1	0.090	0.090	0.090
Arsenic		mg/L	0.003		2	1	0.003	0.003	0.003
Barium		mg/L	0.586		2	1	0.586	0.586	0.586
Biochemical Oxygen Demand		mg/L	<2		2	1	1.000	1.000	1.000
Calcium		mg/L	842		2	1	842.000	842.000	842.000
Chloride		mg/L	3060		2	1	3060.000	3060.000	3060.000
Cobalt		mg/L	0.004		2	1	0.004	0.004	0.004
Conductivity (Non Compensated)		µS/cm	10300		2	1	10300.000	10300.000	10300.000
Copper		mg/L	0.001		2	1	0.001	0.001	0.001
Fluoride		mg/L	0.02		2	1	0.020	0.020	0.020
Iron		mg/L	4.42		2	1	4.420	4.420	4.420
Lead		mg/L	<0.001		2	1	0.000	#DIV/0!	0.000
Magnesium		mg/L	384		2	1	384.000	384.000	384.000
Manganese		mg/L	0.62		2	1	0.620	0.620	0.620
Nitrate as N		mg/L	<0.01		2	1	0.009	0.009	0.009
pH		pH	6.4		2	1	6.400	6.400	6.400
Phosphorus as P (total)		mg/L	0.04		2	1	0.040	0.040	0.040
Potassium		mg/L	7		2	1	7.000	7.000	7.000
Sodium		mg/L	898		2	1	898.000	898.000	898.000
Standing Water Level		As Approp.	3.52		2	2	3.520	3.520	3.520
Sulfate as SO4 - Turbidimetric		mg/L	122		2	1	122.000	122.000	122.000
Total Dissolved Solids @180°C		mg/L	7620		2	1	7620.000	7620.000	7620.000
Total Organic Carbon		mg/L	9		2	1	9.000	9.000	9.000
Total Petroleum Hydrocarbons		mg/L	200		2	1	200.000	200.000	200.000
Total Phenolics		mg/L	<0.05		2	1	0.040	0.040	0.040
Zinc		mg/L	0.026		2	1	0.026	0.026	0.026