

## 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 12.**

Monitoring Frequency: **Special Frequency 1**

Groundwater quality monitoring, Groundwater Monitoring Bore "9806" as identified on drawing 2-13369\_FIG. 5.1 dated 2014 contained within the Mudgee Waste Facility Groundwater Investigation Report, dated 06/2014.

<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 CaCO <sub>3</sub>		mg/L	532	2	1	532.000	532.000	532.000
Aluminium		mg/L	0.35	2	1	0.350	0.350	0.350
Ammonia as N		mg/L	0.52	2	1	0.520	0.520	0.520
Arsenic		mg/L	<0.001	2	1	0.001	0.001	0.001
Barium		mg/L	0.616	2	1	0.616	0.616	0.616
Biochemical Oxygen Demand		mg/L	<2	2	1	1.000	1.000	1.000
Calcium		mg/L	164	2	1	164.000	164.000	164.000
Chloride		mg/L	799	2	1	799.000	799.000	799.000
Cobalt		mg/L	0.003	2	1	0.003	0.003	0.003
Conductivity (Non Compensated)		µS/cm	3870	2	1	3870.000	3870.000	3870.000
Copper		mg/L	0.019	2	1	0.019	0.019	0.019
Fluoride		mg/L	0.5	2	1	0.500	0.500	0.500
Iron		mg/L	0.72	2	1	0.720	0.720	0.720
Lead		mg/L	0.004	2	1	0.004	0.004	0.004
Magnesium		mg/L	139	2	1	139.000	139.000	139.000
Manganese		mg/L	1.34	2	1	1.340	1.340	1.340
Nitrate as N		mg/L	0.01	2	1	0.010	0.010	0.010
pH		pH	7	2	1	7.000	7.000	7.000
Phosphorus as P (total)		mg/L	0.11	2	1	0.110	0.110	0.110
Potassium		mg/L	8	2	1	8.000	8.000	8.000
Sodium		mg/L	493	2	1	493.000	493.000	493.000
Standing Water Level		As Approp.	2.36	2	1	2.360	2.360	2.360
Sulfate as SO <sub>4</sub> - Turbidimetric		mg/L	44	2	1	44.000	44.000	44.000
Total Dissolved Solids @180°C		mg/L	2220	2	1	2220.000	2220.000	2220.000
Total Organic Carbon		mg/L	7	2	1	7.000	7.000	7.000
Total Petroleum Hydrocarbons		mg/L	0.049	2	1	0.049	0.049	0.049
Total Phenolics		mg/L	<0.05	2	1	0.040	0.040	0.040
Zinc		mg/L	0.006	2	1	0.006	0.006	0.006