

## 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 13.**

Monitoring Frequency: **Special Frequency 1**

Groundwater quality monitoring, Groundwater Monitoring Bore "9805" 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/prpoeoapp/Detail.aspx?instid=6348&id=6348&option=licence&searchchange=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	722		2	1	722.000	722.000	722.000
Aluminium		mg/L	0.04		2	1	0.040	0.040	0.040
Ammonia as N		mg/L	0.02		2	1	0.020	0.020	0.020
Arsenic		mg/L	0.001		2	1	0.001	0.001	0.001
Barium		mg/L	0.516		2	1	0.516	0.516	0.516
Biochemical Oxygen Demand		mg/L	<2		2	1	1.000	1.000	1.000
Calcium		mg/L	239		2	1	239.000	239.000	239.000
Chloride		mg/L	1850		2	1	1850.000	1850.000	1850.000
Cobalt		mg/L	<0.001		2	1	0.000	#DIV/0!	0.000
Conductivity (Non Compensated)		µS/cm	7840		2	1	7840.000	7840.000	7840.000
Copper		mg/L	<0.001		2	1	0.001	0.001	0.001
Fluoride		mg/L	0.5		2	1	0.500	0.500	0.500
Iron		mg/L	1.88		2	1	1.880	1.880	1.880
Lead		mg/L	<0.001		2	1	0.001	0.001	0.001
Magnesium		mg/L	392		2	1	392.000	392.000	392.000
Manganese		mg/L	1.22		2	1	1.220	1.220	1.220
Nitrate as N		mg/L	<0.01		2	1	0.009	0.009	0.009
pH		pH	7		2	1	7.000	7.000	7.000
Phosphorus as P (total)		mg/L	0.1		2	1	0.100	0.100	0.100
Potassium		mg/L	8		2	1	8.000	8.000	8.000
Sodium		mg/L	909		2	1	909.000	909.000	909.000
Standing Water Level		As Approp.	3.68		2	1	3.630	3.630	3.680
Sulfate as SO4 - Turbidimetric		mg/L	139		2	1	139.000	139.000	139.000
Total Dissolved Solids @180°C		mg/L	4880		2	1	4880.000	4880.000	4880.000
Total Organic Carbon		mg/L	8		2	1	8.000	8.000	8.000
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	0.005		2	1	0.005	0.005	0.005