

Environment Compliance: Pollution Monitoring Data

Mid-Western Regional Council - Mudgee Waste Facility

31 Blain Road, Caerleon, NSW, 2850

EPA Licence: **6348**

Monitoring Point: **EPA 11.**

Monitoring Frequency: **Special Frequency 1**

Reporting Period: 01 October 2024 - 30 September 2025

Groundwater quality monitoring, Groundwater Monitoring Bore "9807" 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&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	710		2	1	710.000	710.000	710.000
Aluminium		mg/L	0.5		2	1	0.500	0.500	0.500
Ammonia as N		mg/L	0.06		2	1	0.060	0.060	0.060
Arsenic		mg/L	0.001		2	1	0.001	0.001	0.001
Barium		mg/L	0.328		2	1	0.328	0.328	0.328
Biochemical Oxygen Demand		mg/L	<2		2	1	1.000	1.000	1.000
Calcium		mg/L	336		2	1	336.000	336.000	336.000
Chloride		mg/L	1540		2	1	1540.000	1540.000	1540.000
Cobalt		mg/L	0.002		2	1	0.002	0.002	0.002
Conductivity (Non Compensated)		µS/cm	6490		2	1	6490.000	6490.000	6490.000
Copper		mg/L	0.002		2	1	0.002	0.002	0.002
Fluoride		mg/L	0.3		2	1	0.300	0.300	0.300
Iron		mg/L	1.06		2	1	1.060	1.060	1.060
Lead		mg/L	<0.001		2	1	0.001	0.001	0.001
Magnesium		mg/L	308		2	1	308.000	308.000	308.000
Manganese		mg/L	0.134		2	1	0.134	0.134	0.134
Nitrate as N		mg/L	1.06		2	1	1.060	1.060	1.060
pH		pH	6.8		2	1	6.800	6.800	6.800
Phosphorus as P (total)		mg/L	0.09		2	1	0.090	0.090	0.090
Potassium		mg/L	3		2	1	3.000	3.000	3.000
Sodium		mg/L	655		2	1	655.000	655.000	655.000
Standing Water Level		As Approp.	15.22		2	2	15.220	15.220	15.220
Sulfate as SO4 - Turbidimetric		mg/L	89		2	1	89.000	89.000	89.000
Total Dissolved Solids @180°C		mg/L	4190		2	1	4190.000	4190.000	4190.000
Total Organic Carbon		mg/L	7		2	1	7.000	7.000	7.000
Total Petroleum Hydrocarbons		mg/L	0.099		2	1	99.000	99.000	99.000
Total Phenolics		mg/L	<0.05		2	1	0.040	0.040	0.040
Zinc		mg/L	0.011		2	1	0.011	0.011	0.011