

Environment Compliance: Pollution Monitoring Data

Mid-Western Regional Council - Mudgee Waste Facility

31 Blain Road, Caerleon, NSW, 2850

Reporting Period: 01 October 2023 - 30 September 2024

EPA Licence: **6348**

Monitoring Point: **EPA 10.**

Monitoring Frequency: **Special Frequency 1**

Leachate Monitoring Point "Existing Leachate Pond" 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/prpoeoapp/Detail.aspx?instid=6348&id=6348&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=issued>

Date sampled:	8/11/2023	15/05/2024
Work Order:	ME2302036011	ME2400813
Sampler:	ALS	ALS
Results Received:	13/11/2023	27/05/2024
Published:		12/06/2024

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	552	632	2	2	552.000	592.000	632.000
Aluminium		mg/L	0.13	0.02	2	2	0.020	0.075	0.130
Ammonia as N		mg/L	0.1	0.93	2	2	0.100	0.515	0.930
Arsenic		mg/L	0.008	0.007	2	2	0.007	0.008	0.008
Barium		mg/L	0.091	0.161	2	2	0.091	0.126	0.161
Biochemical Oxygen Demand		mg/L	7	<2	2	2	1.000	4.000	7.000
Calcium		mg/L	36	41	2	2	36.000	38.500	41.000
Chloride		mg/L	456	500	2	2	456.000	478.000	500.000
Cobalt		mg/L	0.002	0.001	2	2	0.001	0.002	0.002
Conductivity (Non Compensated)		µS/cm	2480	2740	2	2	2480.000	2610.000	2740.000
Copper		mg/L	<0.001	<0.001	2	2	0.001	0.001	0.001
Fluoride		mg/L	0.5	0.5	2	2	0.500	0.500	0.500
Iron		mg/L	0.28	0.08	2	2	0.080	0.180	0.280
Lead		mg/L	<0.001	<0.001	2	2	0.001	0.001	0.001
Magnesium		mg/L	80	90	2	2	80.000	85.000	90.000
Manganese		mg/L	0.189	0.149	2	2	0.149	0.169	0.189
Nitrate as N		mg/L	<0.01	<0.01	2	2	0.009	0.009	0.000
pH		pH	9.2	8.9	2	2	8.900	9.050	9.200
Phosphorus as P (total)		mg/L	0.48	0.49	2	2	0.480	0.485	0.490
Potassium		mg/L	124	134	2	2	124.000	129.000	134.000
Sodium		mg/L	334	380	2	2	334.000	357.000	380.000
Sulfate as SO4 - Turbidimetric		mg/L	52	59	2	2	52.000	55.500	59.000
Total Dissolved Solids @180°C		mg/L	1240	1660	2	2	1240.000	1450.000	1660.000
Total Organic Carbon		mg/L	100	113	2	2	100.000	106.500	113.000
Total Petroleum Hydrocarbons		mg/L	0.049	2.100	2	2	0.049	1.075	2.100
Total Phenolics		mg/L	<0.05	<0.05	2	2	0.040	0.045	0.050
Zinc		mg/L	<0.005	<0.005	2	2	0.004	0.004	0.004