

Environment Compliance: Pollution Monitoring Data

Mid-Western Regional Council - Mudgee Waste Facility

31 Blain Road, Caerleon, NSW, 2850

Reporting Period: 01 October 2022 - 30 September 2023

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:	21/12/2022	16/05/2023
Work Order:	ME2202247	ME2300905011
Sampler:	ALS	ALS
Results Received:	13/01/2023	29/05/2023
Published:	16/01/2023	16/06/2023

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	493	682	2	2	493	587.5	682
Aluminium		mg/L	0.2	0.11	2	2	0.11	0.155	0.2
Ammonia as N		mg/L	1.69	6.72	2	2	1.69	4.205	6.72
Arsenic		mg/L	0.006	0.007	2	2	0.006	0.0065	0.007
Barium		mg/L	0.144	0.15	2	2	0.144	0.147	0.15
Biochemical Oxygen Demand		mg/L	12	4	2	2	4	8	12
Calcium		mg/L	103	60	2	2	60	81.5	103
Chloride		mg/L	359	450	2	2	359	404.5	450
Cobalt		mg/L	0.01	0.003	2	2	0.003	0.0065	0.01
Conductivity (Non Compensated)		µS/cm	2330	2380	2	2	2330	2355	2380
Copper		mg/L	0.011	0.001	2	2	0.001	0.006	0.011
Fluoride		mg/L	0.5	0.5	2	2	0.5	0.5	0.5
Iron		mg/L	0.38	0.27	2	2	0.27	0.325	0.38
Lead		mg/L	0.001	0.001	2	2	0.001	0.001	0.001
Magnesium		mg/L	66	67	2	2	66	66.5	67
Manganese		mg/L	0.202	0.121	2	2	0.121	0.1615	0.202
Nitrate as N		mg/L	7.33	<0.01	2	2	7.33	7.33	7.33
pH		pH	8.1	8.8	2	2	8.1	8.45	8.8
Phosphorus as P (total)		mg/L	0.25	0.61	2	2	0.25	0.43	0.61
Potassium		mg/L	103	102	2	2	102	102.5	103
Sodium		mg/L	267	278	2	2	267	272.5	278
Sulfate as SO4 - Turbidimetric		mg/L	129	64	2	2	64	96.5	129
Total Dissolved Solids @180°C		mg/L	1600	1530	2	2	1530	1565	1600
Total Organic Carbon		mg/L	101	100	2	2	100	100.5	101
Total Petroleum Hydrocarbons		mg/L	0.049	0.049	2	2	0.049	0.049	0.049
Total Phenolics		mg/L	<0.05	<0.05	2	2	0.04	0.04	0.04
Zinc		mg/L	0.014	0.006	2	2	0.006	0.01	0.014