



Environmental Monitoring

Reporting Period: **01 October 2022 - 30 September 2023**

Mid-Western Regional Council - Mudgee Waste Facility

31 Blain Road, Caerleon, NSW, 2850

EPA Licence: **6348**

Monitoring Point: **EPA 10.**

Monitoring Frequency: **Special Frequency 1**

<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						
			Work Order:	ME2202247						
			Sampler:	ALS						
			Results Received:	13/01/2023						
			Published:	16/01/2023						
Pollutant	Limit 100 percentile	Unit of measure	Comments			No. of samples required.	No. of samples collected and analysed	Lowest Sample Value	Mean of Sample	Highest Sample Value
Alkalinity as CaCO ₃		mg/L		493		2	1	493	493	493
Aluminium		mg/L		0.01		2	1	0.01	0.01	0.01
Ammonia as N		mg/L		0.01		2	1	0.01	0.01	0.01
Arsenic		mg/L		0.01		2	1	0.01	0.01	0.01
Barium		mg/L		0.01		2	1	0.01	0.01	0.01
Biochemical Oxygen Demand		mg/L		2		2	1	2	2	2
Calcium		mg/L		1		2	1	1	1	1
Chloride		mg/L		1		2	1	1	1	1
Cobalt		mg/L		0.001		2	1	0.001	0.001	0.001
Conductivity (Non Compensated)		µS/cm		1		2	1	1	1	1
Copper		mg/L		0.001		2	1	0.001	0.001	0.001
Fluoride		mg/L		0.1		2	1	0.1	0.1	0.1
Iron		mg/L		0.05		2	1	0.05	0.05	0.05
Lead		mg/L		0.001		2	1	0.001	0.001	0.001
Magnesium		mg/L		1		2	1	1	1	1
Manganese		mg/L		0.001		2	1	0.001	0.001	0.001
Nitrate as N		mg/L		7.33		2	1	7.33	7.33	7.33
pH		pH		8.1		2	1	8.1	8.1	8.1
Phosphorus as P (total)		mg/L		0.25		2	1	0.25	0.25	0.25
Potassium		mg/L		103		2	1	103	103	103
Sodium		mg/L		267		2	1	267	267	267
Sulfate as SO ₄ - Turbidimetric		mg/L		129		2	1	129	129	129
Total Dissolved Solids @180°C		mg/L		1600		2	1	1600	1600	1600
Total Organic Carbon		mg/L		101		2	1	101	101	101
Total Petroleum Hydrocarbons		mg/L		0.06		2	1	0.06	0.06	0.06
Total Phenolics		mg/L		<0.05		2	1	0.04	0.04	0.04
Zinc		mg/L		0.014		2	1	0.014	0.014	0.014