

Environmental Monitoring

Reporting Period: 01 October 2021 - 30 September 2022



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/prpoeapp/Detail.aspx?instid=6348&id=6348&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued>

Date sampled:	29/12/2021
Work Order:	ME2102140011
Sampler:	ALS
Results Received:	10/01/2022
Published:	18/01/2022

Pollutant	Limit 100 percentile	Units	Comments		No. of samples taken	Samples required by EPA	Minimum	Average	Maximum
pH		pH		8	1	2	8	8	8
Conductivity (Non Compensated)		µS/cm		2250	1	2	2250	2250	2250
Total Dissolved Solids @180°C		mg/L		1480	1	2	1480	1480	1480
Alkalinity as CaCO3		mg/L		522	1	2	522	522	522
Sulfate as SO4 - Turbidimetric		mg/L		193	1	2	193	193	193
Chloride		mg/L		358	1	2	358	358	358
Calcium		mg/L		91	1	2	91	91	91
Magnesium		mg/L		73	1	2	73	73	73
Potassium		mg/L		106	1	2	106	106	106
Sodium		mg/L		236	1	2	236	236	236
Aluminium		mg/L		0.23	1	2	0.23	0.23	0.23
Arsenic		mg/L		0.007	1	2	0.007	0.007	0.007
Barium		mg/L		0.159	1	2	0.159	0.159	0.159
Cobalt		mg/L		0.006	1	2	0.006	0.006	0.006
Copper		mg/L		0.006	1	2	0.006	0.006	0.006
Iron		mg/L		0.4	1	2	0.4	0.4	0.4
Lead		mg/L		<0.001	1	2	0.005	0.005	0.005
Manganese		mg/L		0.512	1	2	0.512	0.512	0.512
Zinc		mg/L		0.011	1	2	0.011	0.011	0.011
Fluoride		mg/L		0.5	1	2	0.5	0.5	0.5
Ammonia as N		mg/L		5.66	1	2	5.66	5.66	5.66
Nitrate as N		mg/L		0.28	1	2	0.28	0.28	0.28
Phosphorus as P (total)		mg/L		0.42	1	2	0.42	0.42	0.42
Total Organic Carbon		mg/L		98	1	2	98	98	98
Biochemical Oxygen Demand		mg/L		<2	1	2	1	1	1
Total Phenols		mg/L		<0.05	1	2	0.001	0.001	0.001
Total Petroleum Hydrocarbons		mg/L		0.21	1	2	0.21	0.21	0.21