

Environmental Monitoring

Reporting Period: 01 October 2020 - 30 September 2021



Mid-Western Regional Council - Mudgee Waste Facility

31 Blain Road, Caerleon, NSW, 2850

EPA Licence: 6348

<https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=6348&id=6348&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=issued>

Monitoring Point EPA 12.

Monitoring Frequency Special Frequency 1

Pollutant	Limit 100 percentile	Units
pH		pH
Conductivity (Non Compensated)		µS/cm
Total Dissolved Solids @180°C		mg/L
Alkalinity as CaCO3		mg/L
Sulfate as SO4 - Turbidimetric		mg/L
Chloride		mg/L
Calcium		mg/L
Magnesium		mg/L
Potassium		mg/L
Sodium		mg/L
Aluminium		mg/L
Arsenic		mg/L
Barium		mg/L
Cobalt		mg/L
Copper		mg/L
Iron		mg/L
Lead		mg/L
Manganese		mg/L
Zinc		mg/L
Fluoride		mg/L
Ammonia as N		mg/L
Nitrate as N		mg/L
Phosphorus as P (total)		mg/L
Standing Water Level		As Appropriate
Total Organic Carbon		mg/L
Biochemical Oxygen Demand		mg/L
Total Phenols		mg/L
Total Petroleum Hydrocarbons		mg/L
Comments		

Report Published:	29/01/2021	15/07/2021	No. of samples taken	Samples required by EPA	Minimum	Average	Maximum	Units14	Pollutant15
Date Sampled:	29/12/2020	30/06/2021							
WorkOrder:	ME2002026	ME2101067							
Sampler:	ALS	ALS							
Results Received:	15/01/2021	9/07/2021							
Report Published:	29/01/2021	15/07/2021							
	6.8	7	2	2	6.8	6.9	7	pH	pH
	7280	7490	2	2	7280	7385	7490	µS/cm	Conductivity (Non Compensated)
	4320	5220	2	2	4320	4770	5220	mg/L	Total Dissolved Solids @180°C
	682	677	2	2	677	679.5	682	mg/L	Alkalinity as CaCO3
	70	69	2	2	69	69.5	70	mg/L	Sulfate as SO4 - Turbidimetric
	1990	2000	2	2	1990	1995	2000	mg/L	Chloride
	364	315	2	2	315	339.5	364	mg/L	Calcium
	310	298	2	2	298	304	310	mg/L	Magnesium
	14	11	2	2	11	12.5	14	mg/L	Potassium
	750	749	2	2	749	749.5	750	mg/L	Sodium
	0.55	0.19	2	2	0.19	0.37	0.55	mg/L	Aluminium
	0.004	0.001	2	2	0.001	0.0025	0.004	mg/L	Arsenic
	1.42	1.4	2	2	1.4	1.41	1.42	mg/L	Barium
	0.004	0.003	2	2	0.003	0.0035	0.004	mg/L	Cobalt
	0.005	0.003	2	2	0.003	0.004	0.005	mg/L	Copper
	4.89	1.38	2	2	1.38	3.135	4.89	mg/L	Iron
	0.003	0.002	2	2	0.002	0.0025	0.003	mg/L	Lead
	2.48	2.76	2	2	2.48	2.62	2.76	mg/L	Manganese
	0.009	0.008	2	2	0.008	0.0085	0.009	mg/L	Zinc
	0.5	0.6	2	2	0.5	0.55	0.6	mg/L	Fluoride
	0.68	0.67	2	2	0.67	0.675	0.68	mg/L	Ammonia as N
	<0.01	0.09	2	2	0.005	0.0475	0.09	mg/L	Nitrate as N
	0.17	0.09	2	2	0.09	0.13	0.17	mg/L	Phosphorus as P (total)
	1.51	1.2						m	
	14	7	2	2	7	10.5	14	mg/L	Total Organic Carbon
	<2	<2	2	2	1	1	1	mg/L	Biochemical Oxygen Demand
	<0.05	<0.05	2	2	0.025	0.025	0.025	mg/L	Total Phenols
	0.025	0.025	2	2	0.025	0.025	0.025	mg/L	Total Petroleum Hydrocarbons
Comments									