

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

Monitoring Point: **EPA 10.**
 Monitoring Frequency: **Special Frequency 1**

Date Sampled:	30/12/2020	30/06/2021
WorkOrder:	ME2002026	ME2101067
Sampler:	ALS	ALS
Results Received:	15/01/2021	9/07/2021

Published:	28/01/2021	14/07/2021	No. of samples taken	Samples required by EPA	Minimum	Average	Maximum	Units	Pollutant
	8.4	8	2	2	8	8.2	8.4	pH	pH
	1680	1890	2	2	1680	1785	1890	µS/cm	Conductivity (Non Compensated)
	944	1190	2	2	944	1067	1190	mg/L	Total Dissolved Solids @180°C
	439	490	2	2	439	464.5	490	mg/L	Alkalinity as CaCO3
	112	154	2	2	112	133	154	mg/L	Sulfate as SO4 - Turbidimetric
	250	278	2	2	250	264	278	mg/L	Chloride
	82	93	2	2	82	87.5	93	mg/L	Calcium
	60	66	2	2	60	63	66	mg/L	Magnesium
	78	80	2	2	78	79	80	mg/L	Potassium
	171	207	2	2	171	189	207	mg/L	Sodium
	0.14	0.05	2	2	0.05	0.095	0.14	mg/L	Aluminium
	0.006	0.004	2	2	0.004	0.005	0.006	mg/L	Arsenic
	0.138	0.135	2	2	0.135	0.1365	0.138	mg/L	Barium
	<0.001	0.03	2	2	0.0005	0.01525	0.03	mg/L	Cobalt
	<0.001	0.004	2	2	0.0005	0.00225	0.004	mg/L	Copper
	0.18	0.16	2	2	0.16	0.17	0.18	mg/L	Iron
	<0.001	<0.001	2	2	0.0005	0.0005	0.0005	mg/L	Lead
	0.435	0.089	2	2	0.089	0.262	0.435	mg/L	Manganese
	<0.005	0.007	2	2	0.0025	0.00475	0.007	mg/L	Zinc
	0.6	0.4	2	2	0.4	0.5	0.6	mg/L	Fluoride
	0.12	3.69	2	2	0.12	1.905	3.69	mg/L	Ammonia as N
	<0.01	3.64	2	2	0.005	1.8225	3.64	mg/L	Nitrate as N
	0.17	0.22	2	2	0.17	0.195	0.22	mg/L	Phosphorus as P (total)
	11	63	2	2	11	37	63	mg/L	Total Organic Carbon
	2	6	2	2	2	4	6	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									

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
Total Organic Carbon		mg/L
Biochemical Oxygen Demand		mg/L
Total Phenols		mg/L
Total Petroleum Hydrocarbons		mg/L
Comments		