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 8.**
Monitoring Frequency **Special Frequency 1**

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	14/07/2021							
Pollutant	Limit 100 percentile	Units	No. of samples taken	Samples required by EPA	Minimum	Average	Maximum	Units14	Pollutant15
pH		pH	2	2	6.8	6.85	6.9	pH	pH
Conductivity (Non Compensated)		µS/cm	2	2	3820	3895	3970	µS/cm	Conductivity (Non Compensated)
Total Dissolved Solids @180°C		mg/L	2	2	2240	2460	2680	mg/L	Total Dissolved Solids @180°C
Alkalinity as CaCO3		mg/L	2	2	649	661.5	674	mg/L	Alkalinity as CaCO3
Sulfate as SO4 - Turbidimetric		mg/L	2	2	92	98.5	105	mg/L	Sulfate as SO4 - Turbidimetric
Chloride		mg/L	2	2	854	878.5	903	mg/L	Chloride
Calcium		mg/L	2	2	266	284	302	mg/L	Calcium
Magnesium		mg/L	2	2	136	138	140	mg/L	Magnesium
Potassium		mg/L	2	2	5	8.5	12	mg/L	Potassium
Sodium		mg/L	2	2	326	331.5	337	mg/L	Sodium
Aluminium		mg/L	2	2	0.13	0.15	0.17	mg/L	Aluminium
Arsenic		mg/L	2	2	0.0005	0.0005	0.0005	mg/L	Arsenic
Barium		mg/L	2	2	0.078	0.0795	0.081	mg/L	Barium
Cobalt		mg/L	2	2	0.0005	0.00275	0.005	mg/L	Cobalt
Copper		mg/L	2	2	0.002	0.0025	0.003	mg/L	Copper
Iron		mg/L	2	2	0.78	0.96	1.14	mg/L	Iron
Lead		mg/L	2	2	0.02	0.0205	0.021	mg/L	Lead
Manganese		mg/L	2	2	0.095	0.101	0.107	mg/L	Manganese
Zinc		mg/L	2	2	0.018	0.022	0.026	mg/L	Zinc
Fluoride		mg/L	2	2	0.3	0.3	0.3	mg/L	Fluoride
Ammonia as N		mg/L	2	2	0.03	0.715	1.4	mg/L	Ammonia as N
Nitrate as N		mg/L	2	2	1.86	1.965	2.07	mg/L	Nitrate as N
Phosphorus as P (total)		mg/L	2	2	0.17	0.26	0.35	mg/L	Phosphorus as P (total)
Standing Water Level		As Appropriate							
Total Organic Carbon		mg/L	2	2	0.5	7.75	15	mg/L	Total Organic Carbon
Biochemical Oxygen Demand		mg/L	2	2	1	4	7	mg/L	Biochemical Oxygen Demand
Total Phenols		mg/L	2	2	0.025	0.025	0.025	mg/L	Total Phenols
Total Petroleum Hydrocarbons		mg/L	2	2	0.025	0.025	0.025	mg/L	Total Petroleum Hydrocarbons
Comments									

	6.8	6.9
	3820	3970
	2240	2680
	649	674
	105	92
	854	903
	302	266
	136	140
	12	5
	326	337
	0.17	0.13
	<0.001	<0.001
	0.078	0.081
	<0.001	<0.001
	0.003	0.002
	0.78	1.14
	0.02	0.021
	0.095	0.107
	0.026	0.018
	0.3	0.3
	0.03	1.4
	1.86	2.07
	0.17	0.35
	14.93	14.09
	<1	15
	<2	7
	<0.05	<0.05
	0.025	0.025