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 4**
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
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		7.4	7.8	2	2	7.4	7.6	7.8	pH	pH
Conductivity (Non Compensated)		µS/cm		1720	1990	2	2	1720	1855	1990	µS/cm	Conductivity (Non Compensated)
Total Dissolved Solids @180°C		mg/L		987	1210	2	2	987	1098.5	1210	mg/L	Total Dissolved Solids @180°C
Alkalinity as CaCO3		mg/L		580	619	2	2	580	599.5	619	mg/L	Alkalinity as CaCO3
Sulfate as SO4 - Turbidimetric		mg/L		4	<1	2	2	0.5	2.25	4	mg/L	Sulfate as SO4 - Turbidimetric
Chloride		mg/L		251	332	2	2	251	291.5	332	mg/L	Chloride
Calcium		mg/L		27	28	2	2	27	27.5	28	mg/L	Calcium
Magnesium		mg/L		14	17	2	2	14	15.5	17	mg/L	Magnesium
Potassium		mg/L		10	10	2	2	10	10	10	mg/L	Potassium
Sodium		mg/L		374	417	2	2	374	395.5	417	mg/L	Sodium
Aluminium		mg/L		1.7	5	2	2	1.7	3.35	5	mg/L	Aluminium
Arsenic		mg/L		0.003	0.006	2	2	0.003	0.0045	0.006	mg/L	Arsenic
Barium		mg/L		0.09	0.143	2	2	0.09	0.1165	0.143	mg/L	Barium
Cobalt		mg/L		0.003	0.004	2	2	0.003	0.0035	0.004	mg/L	Cobalt
Copper		mg/L		0.013	0.025	2	2	0.013	0.019	0.025	mg/L	Copper
Iron		mg/L		8.07	15	2	2	8.07	11.535	15	mg/L	Iron
Lead		mg/L		0.018	0.031	2	2	0.018	0.0245	0.031	mg/L	Lead
Manganese		mg/L		1.13	1.42	2	2	1.13	1.275	1.42	mg/L	Manganese
Zinc		mg/L		0.259	0.428	2	2	0.259	0.3435	0.428	mg/L	Zinc
Fluoride		mg/L		0.5	0.5	2	2	0.5	0.5	0.5	mg/L	Fluoride
Ammonia as N		mg/L		1.49	1.36	2	2	1.36	1.425	1.49	mg/L	Ammonia as N
Nitrate as N		mg/L		0.06	0.01	2	2	0.01	0.035	0.06	mg/L	Nitrate as N
Phosphorus as P (total)		mg/L		1.45	1.3	2	2	1.3	1.375	1.45	mg/L	Phosphorus as P (total)
Standing Water Level		As Appropriate		6.05	5.48						m	
Total Organic Carbon		mg/L		25	41	2	2	25	33	41	mg/L	Total Organic Carbon
Biochemical Oxygen Demand		mg/L		2	6	2	2	2	4	6	mg/L	Biochemical Oxygen Demand
Total Phenols		mg/L		<0.05	<0.05	2	2	0.025	0.025	0.025	mg/L	Total Phenols
Total Petroleum Hydrocarbons		mg/L		0.025	0.43	2	2	0.025	0.2275	0.43	mg/L	Total Petroleum Hydrocarbons
Comments												