Environmental Monitoring

Mid-Western Regional Council - Mudgee Waste Facility
31 Blain Road, Caerleon, NSW, 2850
EPA Licence: **6348**
Monitoring Point **EPA 1.**
Monitoring Frequency **Monthly during discharge**
Discharge to waters Discharge quality monitoring, Surface Water Discharge and Monitoring Point "Existing Stormwater Retention Basin" as identified on drawing 08A_EV03 dated 2012 contained within the Mudgee Waste Facility Pollution Incident Response Management Plan, dated 08/2012

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

Date sampled:	26/10/2022	16/11/2022	29/11/2022	
WorkOrder:	ME2201799	ME2201950	ME2202047	
Sampler:	ALS	MWRC	ALS	
Results Received:	3/11/2022	25/11/2022	6/12/2022	
Published:	7/11/2022	7/12/2022	7/12/2022	

Pollutant	Limit 100 percentile	Units	Comments	Not Discharging	Discharging	Not Discharging		No. of samples taken	Samples required by EPA	Minimum	Average	Maximum
Alkalinity as CaCO3		mg/L		257	287	325		3	Monthly during discharge	257.000	289.667	325.000
Aluminium		mg/L		2.29	2.41	1.21		3	Monthly during discharge	1.210	1.970	2.410
Ammonia as N		mg/L		4.38	4.17	3.87		3	Monthly during discharge	3.870	4.140	4.380
Arsenic		mg/L		0.005	0.004	0.004		3	Monthly during discharge	0.004	0.004	0.005
Barium		mg/L		0.099	0.098	0.115		3	Monthly during discharge	0.098	0.104	0.115
Biochemical Oxygen Demand		mg/L		<2	4	2		3	Monthly during discharge	1.000	2.333	4.000
Calcium		mg/L		59	56	66		3	Monthly during discharge	56.000	60.333	66.000
Chloride		mg/L		93	113	138		3	Monthly during discharge	93.000	114.667	138.000
Cobalt		mg/L		0.005	0.005	0.006		3	Monthly during discharge	0.005	0.005	0.006
Conductivity (Non Compensated)		µS/cm		947	979	1150		3	Monthly during discharge	947.000	1025.333	1150.000
Copper		mg/L		0.013	0.013	0.01		3	Monthly during discharge	0.010	0.012	0.013
Fluoride		mg/L		0.4	0.4	0.5		3	Monthly during discharge	0.400	0.433	0.500
Iron		mg/L		2.62	2.74	1.99		3	Monthly during discharge	1.990	2.450	2.740
Lead		mg/L		0.005	0.005	0.003		3	Monthly during discharge	0.003	0.004	0.005
Magnesium		mg/L		28	26	31		3	Monthly during discharge	26.000	28.333	31.000
Manganese		mg/L		0.105	0.174	0.241		3	Monthly during discharge	0.105	0.173	0.241
Nitrate		mg/L		4.63	3.34	3.9		3	Monthly during discharge	3.340	3.957	4.630
pH	**6.5 - 8.5**	pH		8	8	8.3		3	Monthly during discharge	8.000	8.100	8.300
Phosphorus		mg/L		0.38	0.41	0.25		3	Monthly during discharge	0.250	0.347	0.410
Potassium		mg/L		43	38	44		3	Monthly during discharge	38.000	41.667	44.000
Sodium		mg/L		84	86	108		3	Monthly during discharge	84.000	92.667	108.000
Sulfate as SO4 - Turbidimetric		mg/L		60	62	69		3	Monthly during discharge	60.000	63.667	69.000
Total Dissolved Solids		mg/L		691	581	705		3	Monthly during discharge	581.000	659.000	705.000
Total Organic Carbon		mg/L		43	38	45		3	Monthly during discharge	38.000	42.000	45.000
Total Petroleum Hydrocarbons		mg/L		0.049	0.049	0.049		3	Monthly during discharge	0.049	0.049	0.049
Total Phenols		mg/L		<0.05	<0.05	<0.05		3	Monthly during discharge	0.040	0.040	0.040
Total Suspended Solids	**50**	mg/L		11	23	16		3	Monthly during discharge	11.000	16.667	23.000
Zinc		mg/L		0.031	0.034	0.016		3	Monthly during discharge	0.016	0.027	0.034
Comments												