

Environment Compliance: Pollution Monitoring Data

Mid-Western Regional Council - Mudgee Waste Facility
 31 Blain Road, Caerleon, NSW, 2850

Reporting Period: 01 October 2023 - 30 September 2024

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/prp000app/Detail.aspx?instid=6348&id=6348&option=licence&searchrange=licence&range=POD%20licence&prpno&status=issued>

Date sampled:	8/02/2024	13/03/2024	7/05/2024	16/05/2024
WorkOrder:	ME2400257	ME2400489	ME2400762	ME2400813
Sampler:	MWRC	MWRC	MWRC	ALS
Results Received:	15/02/2024	27/03/2024	15/05/2024	27/05/2024
Published:	NA			12/06/2024

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Pollutant	Limit 100 percentile	Unit of measure	Date sampled:				No. of samples required.	No. of samples collected and analysed	Lowest Sample Value	Mean of Sample	Highest Sample Value
			Discharging	Discharging	Discharging	Not Discharging					
Alkalinity as CaCO3		mg/L	149	139	155	144	Monthly during discharge	149.000	157.500	166.000	
Aluminium		mg/L	0.2	0.22	3.65	1.91	Monthly during discharge	0.190	0.195	0.200	
Ammonia as N		mg/L	0.19	0.04	0.91	1.06	Monthly during discharge	0.180	0.185	0.190	
Arsenic		mg/L	0.004	0.004	0.004	0.004	Monthly during discharge	0.004	0.004	0.004	
Barium		mg/L	0.004	0.057	0.071	0.07	Monthly during discharge	0.004	0.048	0.092	
Biochemical Oxygen Demand		mg/L	4	4	2	<2	Monthly during discharge	4.000	4.000	4.000	
Calcium		mg/L	35	36	37	40	Monthly during discharge	35.000	37.500	40.000	
Chloride		mg/L	82	74	51	51	Monthly during discharge	82.000	100.000	118.000	
Cobalt		mg/L	<0.001	<0.001	0.002	0.002	Monthly during discharge	0.002	0.002	0.002	
Conductivity (Non Compensated)		µS/cm	639	656	583	586	Monthly during discharge	639.000	727.000	815.000	
Copper		mg/L	0.002	<0.001	0.004	0.004	Monthly during discharge	0.001	0.002	0.002	
Fluoride		mg/L	1.2	1.6	1.5	1.5	Monthly during discharge	1.200	1.200	1.200	
Iron		mg/L	0.22	0.31	3.27	2.06	Monthly during discharge	0.200	0.210	0.220	
Lead		mg/L	<0.001	<0.001	0.005	0.004	Monthly during discharge	0.000	#DIV/0!	0.000	
Magnesium		mg/L	18	13	11	11	Monthly during discharge	18.000	19.500	21.000	
Manganese		mg/L	0.147	0.158	0.282	0.324	Monthly during discharge	0.147	0.192	0.237	
Nitrate		mg/L	0.04	<0.01	0.35	0.3	Monthly during discharge	0.040	0.135	0.230	
pH	6.5 - 8.5	pH	8.5	8.3	8.1	8.2	Monthly during discharge	8.300	8.400	8.500	
Phosphorus		mg/L	0.11	0.03	0.6	0.14	Monthly during discharge	0.090	0.100	0.110	
Potassium		mg/L	18	15	12	12	Monthly during discharge	18.000	20.500	23.000	
Sodium		mg/L	76	76	62	62	Monthly during discharge	76.000	79.500	83.000	
Sulfate as SO4 - Turbidimetric		mg/L	44	78	57	48	Monthly during discharge	44.000	47.000	50.000	
Total Dissolved Solids		mg/L	381	517	402	358	Monthly during discharge	381.000	434.000	487.000	
Total Organic Carbon		mg/L	14	15	12	11	Monthly during discharge	14.000	16.000	18.000	
Total Petroleum Hydrocarbons		mg/L	<50	<50	<50	<50	Monthly during discharge	0.000	#DIV/0!	0.000	
Total Phenols		mg/L	<0.05	<0.05	<0.05	<0.05	Monthly during discharge	0.000	#DIV/0!	0.000	
Total Suspended Solids	50	mg/L	13	9	13	5	Monthly during discharge	8.000	10.500	13.000	
Zinc		mg/L	<0.005	<0.005	0.015	0.011	Monthly during discharge	0.000	#DIV/0!	0.000	