



Waste Facility

Mid-Western Regional Council - Mudgee Waste Facility EPA Licence # 6348

Hill End Road, Mudgee NSW 2850 Po Box 156 Mudgee NSW 2850

EPA Licence at: <http://www.environment.nsw.gov.au/prpoeapp/ViewPOEOLicence.aspx?DOCID=31796&SYSUID=1&LICID=6348>

EPA Sample Location		Monitoring Point 11															
Monitoring Frequency		6 Monthly															
POLLUTANT	Unit of Measure	Result 13/8/14	Result 3/10/14	Result 15/12/14	Result 4/2/15	Result 17/4/15	Result 30/6/15	Result 30/12/2015	Result 28/6/2016	Result 29/12/16	Result 27/6/2017	Result 27/12/2017	Result 26/6/18	Result 20/12/18	Result 27/6/19	Result 23/12/19	Result 30/6/20
pH	pH Unit	7	6.9	6.7	6.8	6.7	6.9	6.7	7.3	6.8	6.9	6.6	6.8	6.8	6.9	6.8	6.9
Conductivity (Non Compensated)	µS/cm	6720	8140	7680	7670	7400	7430	7560	2880	7580	7350	6770	6140	5910	5980	6120	6380
Total Dissolved Solids	mg/L	not required	not required	not required	not required	not required	4440	4930	1410	5070	4560	4880	4360	4170	3360	4330	4010
Alkalinity as CaCO3	mg/L	915	869	698	963	889	1010	912	623	902	958	899	791	804	783	750	867
Sulfate as SO4 - Turbidimetric	mg/L	111	106	131	91	99	91	83	63	1720	75	92	102	106	96	109	115
Chloride	mg/L	1670	2320	1410	1720	1950	1870	1970	576	1720	1980	1900	1550	129	1400	1620	1910
Calcium	mg/L	148	212	181	321	345	247	393	99	302	229	326	325	312	296	314	289
Magnesium	mg/L	298	386	186	345	347	358	412	113	336	331	301	292	274	300	304	285
Sodium	mg/L	832	907	835	937	762	941	758	344	797	891	620	584	542	613	582	575
Potassium	mg/L	6	2	7	2	2	3	2	6	2	2	2	2	2	2	2	2
Aluminium	mg/L	not required	not required	not required	not required	not required	2.58	0.19	0.03	0.1	0.08	0.05	0.09	0.4	0.15	0.09	
Arsenic	mg/L	not required	not required	not required	not required	not required	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Barium	mg/L	not required	not required	not required	not required	not required	1.08	0.574	0.359	0.709	0.964	0.374	0.274	0.275	0.333	0.302	0.321
Cobolt	mg/L	not required	not required	not required	not required	not required	0.002	0.001	<0.001	0.002	0.002	<0.001	<0.001	0.001	<0.001	0.001	0.001
Copper	mg/L	not required	not required	not required	not required	not required	0.009	0.004	0.007	0.002	<0.001	0.002	0.002	0.002	0.002	0.001	0.017
Manganese	mg/L	not required	not required	not required	not required	not required	0.204	0.153	0.024	0.175	0.169	0.109	0.098	0.114	0.134	0.134	0.154
Lead	mg/L	not required	not required	not required	not required	not required	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.001
Zinc	mg/L	not required	not required	not required	not required	not required	0.036	0.02	0.016	0.013	0.014	0.013	0.108	0.006	0.01	0.008	0.018
Iron	mg/L	not required	not required	not required	not required	not required	4.62	0.42	0.38	0.14	0.26	0.37	0.22	0.43	0.88	0.43	0.22
Fluoride	mg/L	not required	not required	not required	not required	not required	0.9	0.5	0.7	0.9	0.9	0.4	1.1	0.4	0.4	0.4	0.6
Ammonia as N	mg/L	0.04	0.05	0.55	0.02	0.04	0.04	0.03	0.01	0.01	<0.01	<0.01	0.02	0.03	0.02	0.03	<0.01
Nitrate	mg/L	not required	not required	not required	not required	not required	0.34	0.48	3.82	0.69	1.19	2.65	2.83	2.86	2.67	2.2	2.97
Phosphorus (total)	mg/L	not required	not required	not required	not required	not required	0.12	0.03	<0.01	0.02	0.03	0.02	<0.01	0.05	0.02	0.06	<0.01
Standing Water Level	m	1.96	1.88	2.84	2.245	2.355	2.025	2.275	1.85	1.15	1.63	2.27	2.615	2.73	2.87	3.34	2.315
Total Organic Carbon	mg/L	15	2	8	8	10	10	9	17	4	7	7	7	6	11	12	9
Biochemical Oxygen Demand	mg/L	not required	not required	not required	not required	not required	<2	3	<2	<2	<2	<2	<2	<2	<2	<2	<2
Total Phenols	mg/L	not required	not required	not required	not required	not required	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Total Petroleum Hydrocarbons	mg/L	not required	not required	not required	not required	not required	<100	<100	<100	<100	<100	<100	<100	<100	<50	<100	<50