



## 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/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31796&SYSUID=1&LICID=6348>

EPA Sample Point Number		Point 4																					
Monitoring Frequency		6 Monthly																					
POLLUTANT	Unit of Measure	Result 1/2/13	Result 14/6/13	Result 18/12/13	Result 25/6/14	Result 30/12/14	Result 3/8/15	Result 30/12/2015	Result 28/6/16	Result 29/12/2016	Result 9/3/17	Result 19/4/17	Result 10/5/17	Result 30/5/17	13-Jun-17	22-Jun-17	Result 27/6/17	Result 27/12/2017	Result 26/6/18	Result 20/12/18	Result 27/6/2019	Result 23/12/2019	Result 1/7/20
Total Dissolved Solids @180°C	mg/L	222	392	463	332	180	436	444	561	822	954	1460	824	728	820	768	724	847	904	980	1160	880	900
Alkalinity as CaCO3	mg/L	98	118	338	211	123	320	365	523	473	541	438	459	462	412	485	460	488	479	526	520	606	590
Sulfate as SO4 - Turbidimetric	mg/L	19	18	16	7	4	4	<1	2	<1	<10	<1	<10	<1	<1	<1	<1	<1	2	5	<1	<1	<1
Chloride	mg/L	10	9	24	26	10	28	24	31	124	183	174	188	171	193	197	184	215	238	240	193	200	255
Calcium	mg/L	46	44	56	43	20	129	88	69	31	20	29	20	18	16	19	27	24	42	58	109	167	36
Magnesium	mg/L	4	6	12	8	4	21	19	12	12	11	14	12	11	12	11	13	12	14	21	30	33	20
Sodium	mg/L	16	29	100	54	34	87	102	130	233	341	252	274	243	285	278	267	282	302	315	338	315	328
Potassium	mg/L	7	9	16	12	5	21	16	13	10	11	10	7	9	8	8	9	9	10	14	19	19	13
Aluminium	mg/L	7.3	11.2	10.2	10.2	4.56	42.4	36	7.76	1.16	2.89	3.28	3.6	1.51	1.1	1.14	0.78	1.08	3.97	18.5	48.1	46.7	27.3
Arsenic	mg/L	0.007	0.004	0.007	0.006	0.002	0.012	0.026	0.006	0.002	0.003	0.004	0.004	0.002	<0.001	0.002	0.002	0.001	0.003	0.011	0.022	0.021	0.017
Barium	mg/L	0.108	0.142	0.138	0.15	0.064	0.373	0.486	0.135	0.071	0.113	0.16	0.101	0.092	0.086	0.072	0.076	0.062	0.157	0.325	0.526	0.717	0.334
Cobalt	mg/L	0.007	0.007	0.009	0.008	0.003	0.021	0.025	0.007	0.002	0.003	0.004	0.004	0.002	0.002	0.002	0.001	0.002	0.004	0.016	0.034	0.044	0.02
Copper	mg/L	0.084	0.041	0.044	0.056	0.037	0.099	0.284	0.048	0.009	0.017	0.022	0.016	0.01	0.007	0.006	0.004	0.006	0.019	0.088	0.188	0.164	0.136
Manganese	mg/L	0.295	0.277	0.826	0.758	0.355	1.1	1.43	1.15	1.14	1.23	1.26	1.14	1.43	1.19	1.13	1.25	1.15	1.12	1.6	2.56	2.8	1.55
Lead	mg/L	0.040	0.065	0.041	0.058	0.022	0.119	0.184	0.045	0.009	0.018	0.022	0.014	0.012	0.006	0.005	0.004	0.006	0.03	0.107	0.169	0.198	0.115
Zinc	mg/L	0.577	0.782	0.355	0.805	0.447	1.17	2.91	0.723	0.15	0.276	0.365	0.216	0.199	0.101	0.09	0.07	0.088	0.548	1.894	2.22	3.02	1.47
Iron	mg/L	41.7	14.4	19.1	24.4	10.7	60.4	78.7	24	14.2	15.1	19.6	12.4	11.8	9.74	8.8	7.75	10.1	17.2	36.8	69.7	93.9	43.8
Fluoride	mg/L	<0.1	0.1	0.3	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	1.3	0.4	0.4	0.5	0.6
Ammonia as N	mg/L	0.36	0.03	3.36	0.4	1.07	1.56	3.48	3.65	3.38	3.18	1.56	2.76	1.1	3.06	2.67	3.08	2.34	1.76	1.49	1.23	1.13	1.42
Nitrate as N	mg/L	0.16	0.02	0.07	<0.01	0.03	<0.01	0.05	<0.01	0.08	0.25	0.37	0.03	0.05	0.01	<0.01	0.01	0.09	0.01	0.04	0.04	<0.01	<0.01
Phosphorus (total)	mg/L	1.30	0.90	0.33	1.72	0.91	3.78	1.68	2.07	1.61	1.49	1.62	1.48	1.4	1.42	1.22	1.22	1.55	1.64	2.46	2.38	4.64	3.86
Conductivity (Non Compensated)	µS/cm	270	250	750	480	260	700	750	970	1270	1480	1460	1450	1420	1460	1470	1390	1410	1540	1510	1540	1490	1640
pH	pH Unit	7.0	7.9	7.3	6.9	7.0	7.1	7.1	7.1	7.2	7.4	7.2	7.3	7.2	7.3	7.2	7.3	7.2	7.4	7.4	7.4	7.5	7.5
Total Organic Carbon	mg/L	73	121	21	44	11	31	34	33	29	28	28	22	22	16	15	16	26	23	19	33	31	29
Biochemical Oxygen Demand	mg/L	48	87	34	58	10	49	34	18	7	14	8	13	13	12	<2	15	16	15	6	2	9	6
Total Phenols	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<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	0.74	3.1	<0.1	3.32	1.32	0.57	0.92	0.28	210	660	340	<100	<100	<100	<100	140	<100	<100	4170	<50	260	210
Standing Water Level	m					6.235	6.07	6.41	6.35	4.72	5.415	5.51	5.5	5.64	5.68	5.8	5.715	6.29	6.7	6.835	7.01	7.345	6.54

493.57      493.23      493.29      494.92      494.225      494.13      494.14      494      493.96      493.84      493.925      493.35      492.94      492.805      492.63      492.295      493.1      494.92