

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		EPA Identification No.7																							
Sample Date		24-Dec-12	14-Jun-13	18-Dec-13	25-Jun-14	30-Dec-14	30-Jun-15	30-Dec-15	28-Jun-16	29-Dec-16	27-Jun-17	27-Jul-17	27-Dec-17	26-Jun-18	20-Dec-18	27-Jun-19	23-Dec-19	31-Mar-20	29-Apr-20	28-May-20	1-Jul-20	29-Jul-20	1-Sep-20	29-Sep-20	
Date Data Received					8-Jul-14	14-Jan-15	8-Jul-15	5-Jan-16	11-Jul-16	11-Jan-17	10-Jul-17	2-Aug-17	9-Jan-18	9-Jul-18	10-Jan-19	10-Jul-19	6-Jan-20	7-Apr-20	6-May-20	2-Jun-20	9-Jul-20	4-Aug-20	7-Sep-20	29-Sep-20	
Monitoring Frequency		6 Monthly																							
POLLUTANT	Unit of Measure	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Total Dissolved Solids @180°C	mg/L	4300	3400	4030	3500	3340	2710	2560	2220	3930	No result	2960	2320	1960	1870	1610	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Alkalinity as CaCO3	mg/L	672	635	695	748	802	824	788	905	1030	No result	791	905	881	930	893	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Sulfate as SO4 - Turbidimetric	mg/L	206	206	195	196	205	194	209	214	23	No result	385	430	377	324	263	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Chloride	mg/L	1830	1340	1410	1060	1050	947	810	685	1150	No result	816	569	375	333	273	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Calcium	mg/L	422	338	329	358	301	373	273	263	307	No result	1580	275	280	795	1130	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Magnesium	mg/L	324	277	278	273	241	261	226	278	194	288	No result	341	195	182	331	240	No result	No result	No result	No result	No Result	No Result	No Result	
Sodium	mg/L	555	453	452	443	390	364	349	306	464	No result	365	294	267	253	261	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Potassium	mg/L	17	18	14	22	15	16	14	8	8	No result	29	15	9	47	19	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Aluminium	mg/L	6.97	11.8	6.11	33.4	22.7	31.7	28	9.34	0.38	No result	109	31.2	15.4	244	49.1	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Arsenic	mg/L	0.009	0.008	0.008	0.031	0.02	0.024	0.018	0.011	0.038	No result	0.124	0.04	0.04	0.202	0.059	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Barium	mg/L	0.535	0.448	0.41	0.633	0.488	0.617	0.446	0.376	0.472	No result	2.36	0.607	0.519	4.05	1.31	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Cobalt	mg/L	0.015	0.012	0.01	0.04	0.026	0.042	0.03	0.018	0.028	No result	0.21	0.049	0.08	0.384	0.092	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Copper	mg/L	0.030	0.022	0.019	0.097	0.065	0.103	0.072	0.061	0.01	No result	0.354	0.081	0.065	0.574	0.091	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Manganese	mg/L	3.86	2.72	2.78	3.91	3.74	3.98	3.29	3.93	19.2	No result	22.6	5.25	8.06	23.8	12.8	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Lead	mg/L	0.034	0.014	0.007	0.047	0.026	0.052	0.03	0.024	0.015	No result	0.188	0.058	0.069	0.522	0.077	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Zinc	mg/L	0.094	0.100	0.033	0.198	0.122	0.17	0.151	0.074	0.057	No result	0.874	0.187	0.124	1.51	0.329	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Iron	mg/L	40.6	24.1	14.9	78.9	59.3	84.5	62.7	54.3	42.4	No result	396	87.6	107	769	167	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Fluoride	mg/L	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.3	No result	0.2	0.2	0.5	0.2	0.2	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Ammonia as N	mg/L	0.09	0.08	0.08	0.14	0.42	0.34	0.65	0.47	0.39	No result	1.03	1.28	0.26	0.49	0.52	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Nitrate as N	mg/L	0.02	<0.01	0.01	<0.01	0.02	0.01	0.15	0.15	0.07	No result	0.02	0.03	0.37	0.14	0.5	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Phosphorus as P Total	mg/L	1.72	0.49	0.66	2.99	1	2.28	1.61	1.78	0.49	No result	107	2.44	5.38	19.9	0.02	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Conductivity (Non Compensated)	µS/cm	5690	5620	2510	5260	4720	4370	4020	3720	5810	No result	4340	3520	2880	2670	2560	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
pH	pH Unit	6.9	6.8	5.5	6.8	7.0	6.9	6.9	7.0	6.9	No result	7.0	6.9	7.0	7.0	7.1	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Total Organic Carbon	mg/L	5	9	7	34	<1	3	4	4	61	No result	9	8	4	5	11	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Biochemical Oxygen Demand	mg/L	<2	7	<2	<2	<2	<2	<2	<2	51	No result	3	16	2	<2	<2	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Total Phenols	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	No result	<0.05	<0.05	<0.05	<0.05	<0.05	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Total Petroleum Hydrocarbons	µg/L	750	<100	<100	680	<100	<100	<100	<100	<100	No result	4460	<100	<100	<100	<50	No result	No result	No result	No result	No Result	No Result	No Result	No Result	
Standing Water Level					21.505	21.97	22.027	22.67	18.74	26.34	27.3	26.45	26.135	26.42	26.71	27.01	27.58	27.92	27.94	27.835	27.95	27.84	27.62		

Comments: 27 June 2017 Bore Dry, Dry Bore 31 March 2020

491.803 491.16 495.09 487.49 486.53 487.38 487.695 487.41 487.12 486.82 486.25 485.91 485.89 485.995 485.88 485.99 486.21 495.09