



Waste Facility

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

EPA Sample Location		Monitoring Point 13															
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 30/12/15	Result 28/6/16	Result 29/12/16	Result 27/6/17	Result 27/12/17	Result 26/6/18	Result 20/12/18	Result 27/6/19	Result 23/12/19	Results 30/6/20
pH	pH Unit	7	7.2	6.8	7.4	7.3	7.2	7.2	7.2	7.2	7.2	7.1	7.4	7.4	7.5	7.1	7.2
Conductivity (Non Compensated)	µS/cm	6090	6290	5580	5270	4890	4500	5050	4370	6180	6080	6420	4270	3640	3250	3230	3570
Total Dissolved Solids	mg/L	not required	not required	not required	not required	not required	2360	2900	2400	3790	3580	4170	2460	2170	1790	1710	1970
Alkalinity as CaCO3	mg/L	563	562	984	696	679	768	697	836	709	674	749	755	758	793	828	866
Sulfate as SO4 - Turbidimetric	mg/L	134	164	86	136	142	101	74	76	65	64	78	67	68	39	42	23
Chloride	mg/L	1330	1710	2070	1090	1120	1000	1180	915	1380	1540	1790	1080	868	612	678	841
Calcium	mg/L	170	160	310	110	136	134	123	114	180	160	182	117	101	89	95	95
Magnesium	mg/L	236	245	326	107	94	126	167	105	228	186	255	113	95	80	88	97
Sodium	mg/L	745	826	769	946	786	721	686	676	752	822	757	672	586	573	533	519
Potassium	mg/L	8	9	2	7	6	5	4	3	4	5	4	4	4	4	4	4
Aluminium	mg/L	not required	not required	not required	not required	not required	0.3	0.2	0.18	0.54	0.17	0.13	0.68	0.07	0.94	0.54	1.11
Arsenic	mg/L	not required	not required	not required	not required	not required	0.002	0.002	0.002	0.004	0.003	0.004	0.002	0.003	0.002	0.001	0.001
Barium	mg/L	not required	not required	not required	not required	not required	468	0.516	0.572	0.747	1.24	0.63	0.79	0.589	0.62	0.559	0.523
Cobalt	mg/L	not required	not required	not required	not required	not required	0.004	0.003	0.002	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.004
Copper	mg/L	not required	not required	not required	not required	not required	0.003	0.003	0.003	0.005	<0.001	0.001	0.003	0.005	0.005	0.004	0.002
Manganese	mg/L	not required	not required	not required	not required	not required	2.01	2.74	2.1	1.96	1.23	1.46	1.32	1.63	1.34	1.48	2.45
Lead	mg/L	not required	not required	not required	not required	not required	<0.001	<0.001	<0.001	0.004	0.001	<0.001	0.003	<0.001	0.003	0.002	0.001
Zinc	mg/L	not required	not required	not required	not required	not required	0.024	0.029	0.025	0.029	0.023	0.013	0.026	0.01	0.034	0.027	0.015
Iron	mg/L	not required	not required	not required	not required	not required	1.98	2.24	3.29	4.21	1.73	3.64	3.28	2.9	3.21	3.2	9.01
Fluoride	mg/L	not required	not required	not required	not required	not required	0.6	0.5	0.5	0.7	0.5	0.5	1.4	0.4	0.4	0.4	0.6
Ammonia as N	mg/L	0.39	0.47	0.04	0.8	0.76	0.42	0.14	0.36	0.28	0.65	0.02	0.32	0.22	0.35	0.28	0.2
Nitrate	mg/L	not required	not required	not required	not required	not required	<0.01	<0.01	0.01	0.01	<0.01	<0.01	0.02	<0.01	0.03	<0.01	0.27
Phosphorus (total)	mg/L	not required	not required	not required	not required	not required	0.03	0.06	<0.01	0.18	0.04	0.04	0.07	0.07	0.05	0.11	0.09
Standing Water Level	m	4.76	4.655	5.96	5.57	5.965	5.29	5.01	5.34	3.95	4.28	4.63	6.08	5.94	6.34	6.9	6.11
Total Organic Carbon	mg/L	11	<1	8	12	13	9	7	9	4	5	4	6	3	7	100	8
Biochemical Oxygen Demand	mg/L	not required	not required	not required	not required	not required	7	4	6	<2	3	3	2	4	<2	8	8
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