



Waste Facility

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

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

EPA Sample Point Number		Point 10															
Sample Date		24-Dec-12	25-Jun-14	30-Dec-14	30-Jun-15	30-Dec-15	28-Jun-16	29-Dec-16	27-Jun-17	27-Dec-17	26-Jun-18	20-Dec-18	27-Jun-19	23-Dec-19	20-May-20	30-Jun-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	9-Jan-18	9-Jul-18	9-Jan-19	10-Jul-19	6-Jan-20	29-May-20	1-Jul-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
Total Dissolved Solids @180°C	mg/L	692	694	720	692	808	978	1000	1020	1220	1580	1470	1410	1660	1050	1140	
Alkalinity as CaCO3	mg/L	243	269	289	248	296	375	305	374	375	478	361	496	961	478	502	
Sulfate as SO4 - Turbidimetric	mg/L	71	65	58	51	46	105	186	172	218	251	235	197	363	219	198	
Chloride	mg/L	158	160	187	170	265	241	198	235	308	406	392	346	682	245	293	
Calcium	mg/L	52	49	46	51	61	70	61	65	46	43	28	92	107	101	94	
Magnesium	mg/L	31	31	35	36	42	44	55	63	78	99	83	91	156	70	65	
Sodium	mg/L	110	111	126	111	133	139	141	154	188	265	232	229	425	181	165	
Potassium	mg/L	47	46	56	54	64	77	87	94	115	138	199	122	198	94	88	
Aluminium	mg/L	0.06	0.14	0.39	1.4	0.15	0.5	0.18	0.08	0.15	0.12	0.25	0.08	0.36	0.26	0.07	
Arsenic	mg/L	0.002	0.002	0.006	0.007	0.006	0.005	0.006	0.005	0.007	0.008	0.008	0.004	0.008	0.007	0.007	
Barium	mg/L	0.107	0.137	0.111	0.114	0.083	0.166	0.107	0.109	0.095	0.138	0.056	0.203	0.297	0.187	0.175	
Cobalt	mg/L	<0.001	<0.001	<0.001	0.001	0.001	0.005	0.003	0.002	0.002	0.002	0.002	<0.001	0.002	0.005	0.003	
Copper	mg/L	0.001	0.001	0.002	0.004	0.003	0.008	0.001	0.001	<0.001	0.002	0.002	<0.001	<0.001	0.005	0.001	
Manganese	mg/L	0.074	0.088	0.122	0.199	0.126	0.555	0.178	0.291	0.24	0.254	0.136	0.044	0.172	1.54	1.31	
Lead	mg/L	<0.001	<0.001	<0.001	0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	
Zinc	mg/L	<0.005	<0.005	<0.005	0.012	0.015	0.031	<0.005	0.007	<0.005	<0.005	0.01	<0.005	0.006	0.007	<0.005	
Iron	mg/L	0.1	0.19	0.51	1.45	0.18	0.82	0.38	0.3	0.49	0.47	0.33	0.24	0.95	0.87	0.24	
Fluoride	mg/L	1.1	1.2	1.3	1	0.9	0.8	0.8	0.5	0.6	2.8	0.7	0.8	1.3	0.6	0.7	
Ammonia as N	mg/L	<0.01	0.06	0.03	0.37	0.03	8.09	0.07	4.29	0.1	0.08	0.07	0.14	0.08	8.81	7.31	
Nitrate as N	mg/L	<0.01	0.03	<0.01	0.5	<0.01	0.13	<0.01	0.08	<0.01	<0.01	0.08	0.03	<0.01	2.08	<0.01	
Phosphorus as P Total	mg/L	0.07	0.02	0.11	0.15	0.12	0.18	0.16	0.56	0.4	0.76	0.85	0.16	0.43	0.81	0.83	
Conductivity (Non Compensated)	µS/cm	1100	1150	1170	1110	1450	1570	1520	1720	1830	2330	2000	2230	3840	1940	1940	
pH	pH Unit	8	7.9	8.8	7.8	8.4	7.9	8.8	8	8.9	9.2	9.6	7.9	8.5	7.7	7.8	
Total Organic Carbon	mg/L	26	28	27	38	42	52	54	60	63	101	62	65	<1	56	71	
Biochemical Oxygen Demand	mg/L	<2	<2	9	5	4	4	<2	26	10	14	46	3	17	<2	9	
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	
Total Petroleum Hydrocarbons	µg/L	<100	<100	<100	<100	<100	<100	<100	250	<100	<100	500	<50	100	<50	200	
Total Suspended Solids	mg/L	No result	<2	20	27	9	5	19	37	41	96	108	8	68	20	6	