



## Waste Facility

EPA Sample Point ID		Monitoring Point 3															
Sample Date		1-Feb-13	23-Aug-13	18-Dec-13	25-Jun-14	14-Jan-15	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	24-Dec-19	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	214	290	bore dry	426	538	325	310	522	982	2020	2050	2080	2070	1910	1940	2080
Alkalinity as CaCO3	mg/L	213	194	bore dry	322	331	261	236	402	538	731	827	756	750	744	858	1010
Sulfate as SO4 - Turbidimetric	mg/L	4	5	bore dry	7	2	8	16	25	12	6	7	<1	<5	<1	27	47
Chloride	mg/L	21	13	bore dry	35	58	15	23	30	51	842	895	806	883	767	783	783
Calcium	mg/L	54	36	bore dry	46	56	33	25	38	40	150	150	152	159	151	101	61
Magnesium	mg/L	8	5	bore dry	12	15	8	6	8	11	94	94	95	93	105	95	84
Sodium	mg/L	40	52	bore dry	85	91	90	76	130	258	516	508	509	500	541	619	664
Potassium	mg/L	10	10	bore dry	9	8	40	25	19	29	10	12	10	13	12	10	7
Aluminium	mg/L	2.36	1.93	bore dry	1.08	1.55	1.29	0.71	0.69	0.45	0.58	0.74	0.3	0.42	1	0.39	0.29
Arsenic	mg/L	0.004	0.002	bore dry	0.004	0.004	0.004	0.003	0.005	0.009	0.003	0.004	0.001	0.001	0.002	0.001	<0.001
Barium	mg/L	0.157	0.055	bore dry	0.121	0.128	0.207	0.078	0.109	0.075	0.325	0.27	0.266	0.275	0.324	0.203	0.111
Cobalt	mg/L	0.004	0.002	bore dry	0.002	0.005	0.002	0.002	0.003	0.006	<0.001	0.001	<0.001	<0.001	0.002	<0.001	<0.001
Copper	mg/L	0.054	0.398	bore dry	0.036	0.066	0.038	0.018	0.023	0.052	0.008	0.009	0.006	0.008	0.014	0.009	0.003
Manganese	mg/L	0.294	0.174	bore dry	0.21	0.204	0.101	0.08	0.145	0.131	0.308	0.295	0.266	0.301	0.356	0.357	0.348
Lead	mg/L	0.037	0.015	bore dry	0.008	0.016	0.018	0.01	0.013	0.011	0.006	0.008	0.006	0.007	0.01	0.008	0.005
Zinc	mg/L	0.532	0.155	bore dry	0.113	0.229	0.245	0.166	0.208	0.244	0.078	0.127	0.085	0.084	0.085	0.067	0.038
Iron	mg/L	50.3	9.79	bore dry	15.6	14.8	7.11	4.12	7.72	4.57	12.4	11.3	13.7	12.3	17.3	6.35	2.45
Fluoride	mg/L	<0.1	0.2	bore dry	0.2	0.2	<0.01	0.1	0.2	0.3	0.2	0.2	0.7	0.2	0.2	0.3	0.5
Ammonia as N	mg/L	2.27	0.92	bore dry	1.28	1.2	0.23	0.06	0.16	0.04	2.2	0.84	15.3	1.29	1.57	0.94	0.37
Nitrate as N	mg/L	0.12	0.07	bore dry	0.15	0.02	0.2	0.13	0.18	8.02	0.06	<0.05	0.51	0.06	0.04	0.02	0.02
Phosphorus as P Total	mg/L	1.34	0.79	bore dry	1.68	1.55	0.62	0.39	0.89	2.83	0.58	0.77	1.81	0.92	0.95	0.42	0.27
Conductivity (Non Compensated)	µS/cm	460	410	bore dry	680	740	540	550	800	1300	3850	3860	3580	3580	3680	3740	3820
pH	pH Unit	6.9	7.0	bore dry	7.3	7.4	7.6	7.7	7.5	7.2	7.2	7.2	7.3	7.2	7.2	7.4	7.4
Total Organic Carbon	mg/L	38	27	bore dry	22	19	9	12	29	48	7	10	7	6	13	8	3
Biochemical Oxygen Demand	mg/L	20	19	bore dry	9	6	4	<2	3	<2	6	12	2	5	<2	6	<2
Total Phenols	mg/L	<0.05	<0.05	bore dry	<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	780	380	bore dry	0.32	<0.1	0.12	<0.1	<	<100	<100	<100	<100	<100	<50	<50	<50
Standing Water level	m						6.445	6.58	6.46	4.87	5.81	6.43	6.93	7.03	7.23	7.615	6.66

Comments: Bore Dry 27/3/14, bore dry 28/5/14

494.64

488.195   488.06   488.18   489.77   488.83   488.21   487.71   487.61   487.41   487.025   487.98