



Waste Facility

EPA Sample Location		Monitoring Point 12															
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	Result 30/6/20
pH	pH Unit	6.4	6.7	6.7	6.7	6.6	6.7	6.8	6.8	7.1	6.8	6.7	6.9	6.9	6.9	6.9	6.8
Conductivity (Non Compensated)	µS/cm	10140	8730	7820	8330	8558	7760	6670	6780	4320	6300	6150	5470	5080	5320	5350	6310
Total Dissolved Solids	mg/L	not required	not required	not required	not required	not required	4740	4440	4320	2530	3880	4160	3710	3450	3300	3870	4140
Alkalinity as CaCO3	mg/L	565	489	606	595	588	622	576	681	480	590	755	700	687	596	707	681
Sulfate as SO4 - Turbidimetric	mg/L	67	79	50	49	42	36	33	37	50	35	54	69	82	86	77	71
Chloride	mg/L	3460	2850	2250	2430	2570	2460	1750	1720	958	1680	1760	1390	1470	1260	1490	1940
Calcium	mg/L	543	420	333	362	412	394	275	293	164	276	276	246	249	252	414	276
Magnesium	mg/L	443	360	264	311	370	329	262	244	144	228	232	231	206	255	283	245
Sodium	mg/L	955	869	799	916	887	827	705	733	498	649	632	599	565	612	583	624
Potassium	mg/L	18	15	10	12	12	13	12	9	8	11	14	10	14	15	13	10
Aluminium	mg/L	not required	not required	not required	not required	not required	9.93	15.9	4.24	2.14	8.74	19.7	12.8	26.6	31.8	12.1	1.06
Arsenic	mg/L	not required	not required	not required	not required	not required	0.007	0.004	0.002	0.002	0.002	0.006	0.008	0.008	0.009	0.004	0.003
Barium	mg/L	not required	not required	not required	not required	not required	1.49	1.23	1.22	0.659	1.14	1.24	1.18	1.2	1.32	1.57	1.1
Cobalt	mg/L	not required	not required	not required	not required	not required	0.008	0.011	0.006	0.004	0.008	0.018	0.028	0.029	0.029	0.017	0.004
Copper	mg/L	not required	not required	not required	not required	not required	0.073	0.156	0.028	0.058	0.05	0.086	0.099	0.165	0.18	0.168	0.006
Manganese	mg/L	not required	not required	not required	not required	not required	2.23	2.01	2.16	1.2	2.29	2.83	4.09	2.3	2.91	2.64	2.34
Lead	mg/L	not required	not required	not required	not required	not required	0.016	0.038	0.013	0.009	0.022	0.026	0.044	0.086	0.086	0.072	0.004
Zinc	mg/L	not required	not required	not required	not required	not required	0.057	0.072	0.048	0.035	0.052	0.072	0.108	0.162	0.16	0.089	0.013
Iron	mg/L	not required	not required	not required	not required	not required	18	22.6	7.61	3.95	11.1	25	32.9	38.8	49.6	18	4.56
Fluoride	mg/L	not required	not required	not required	not required	not required	0.4	0.5	0.4	0.7	0.5	0.4	1.4	0.5	0.5	0.5	0.5
Ammonia as N	mg/L	0.5	0.46	0.54	0.55	0.57	0.56	0.43	0.58	0.4	0.65	0.16	0.11	0.19	0.16	0.4	0.91
Nitrate	mg/L	not required	not required	not required	not required	not required	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02
Phosphorus (total)	mg/L	not required	not required	not required	not required	not required	0.27	0.23	0.12	0.16	0.38	0.49	0.91	1.02	0.4	4.31	0.16
Standing Water Level	m	1.38	1.355	2.21	1.15	1.51	1.38	1.67	1.31	1.56	1.855	2.16	2.96	2.35	2.44	3.205	1.645
Total Organic Carbon	mg/L	18	6	14	11	11	11	11	12	7	10	11	10	7	10	7	6
Biochemical Oxygen Demand	mg/L	not required	not required	not required	not required	not required	<2	5	<2	<2	3	3	<2	<2	<2	6	<2
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	100