

Sampling Point 6 (L-TANK) Leachate Pond

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual
Date Sampled	Date Obtained	Date Published	pH (Unit)	Total Suspended Solids (mg/L)	Total Alkalinity as CaCO3 (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Total Organic Carbon (mg/L)	Ammonia as N (mg/L)	Nitrate as N (mg/L)	Iron (mg/L)	Manganese (mg/L)	Phenolic Compounds (mg/L)					
11-Aug-17	23-Aug-17	01-Sep-17	6.8	140	85	11	0.2	39	35	3	5.9	10	15	2.1	< 0.005	0.44	0.15	< 0.01					
14-Feb-18	23-Feb-18	09-Mar-18	7.2	570	270	37	0.41	190	100	12	20	32	39	19	< 0.005	0.44	0.49	0.01					
5-Sep-18	27-Sep-18	28-Sep-18	6.8	940	190	25	0.2	140	87	7.6	8	23	88	14	< 0.005	0.15	0.45	0.01					
14-Feb-19	1-Mar-19	08-Mar-19	6.7	570	480	100	0.36	17	110	53	4.7	49	20	< 0.005	0.01	0.07	< 0.01						
13-Aug-19	2-Sep-19	04-Sep-19	7.5	1300	770	600	0.4	65	150	68	110	340	110	95	53	38.00	2.80	0.01					
11-Feb-20	5-Mar-20	08-Apr-20	7	28	120	21	0.29	48	49	6.8	9.5	23	13	0.98	0.51	1.80	0.19	< 0.01					
22-Sep-20	22-Oct-20	29-Oct-20	7	17	180	51	0.26	220	79	9.1	19	48	24	34	0.009	0.45	0.27	< 0.01					
10-Feb-21	1-Apr-21	12-Apr-21	7.1	28	180	41	0.28	310	110	10	22	49	24	36	0.015	0.22	0.46	0.02					
9-Aug-21	17-Sep-21	20-Sep-21	7.7	< 5	120	26	0.3	97	49	7.5	8.8	35	11	15	0.058	0.160	0.380	0.01					

Sampling Point 2 (BH2) Groundwater

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual
Date Sampled	Date Obtained	Date Published	pH (Unit)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Total Alkalinity as CaCO3 (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Total Organic Carbon (mg/L)	Ammonia as N (mg/L)	Nitrate as N (mg/L)	Cobalt (mg/L)	Aluminium (mg/L)	Barium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Zinc (mg/L)	Phenolic Compounds (mg/L)	Total Pesticides (mg/L)	Standing Water Level	
11-Aug-17	23-Aug-17	01-Sep-17	6.2	910	590	310	36	0.13	14	88	48	3.10	51	13	< 0.01	< 0.005	< 0.001	< 0.005	0.03	< 0.001	0.23	< 0.001	0.23	0.009	< 0.01	< 0.003	12.04	
14-Feb-18	23-Feb-18	09-Mar-18	6.8	1100	580	490	34	0.32	13	86	51	3.40	47	9.2	0.03	< 0.005	< 0.001	< 0.005	0.03	< 0.001	< 0.005	< 0.001	0.18	< 0.005	< 0.01	< 0.003	12.51	
5-Sep-18	27-Sep-18	28-Sep-18	6.4	1000	660	660	30	0.19	14	96	53	3.20	51	1.7	< 0.01	0.02	< 0.001	< 0.005	0.02	< 0.001	< 0.005	< 0.001	0.21	< 0.005	< 0.01	< 0.003	13.03	
14-Feb-19	1-Mar-19	08-Mar-19	6.7	1100	690	600	35	0.35	13	110	57	3.70	49	3.6	0.05	< 0.005	< 0.001	< 0.005	0.03	< 0.001	0.01	< 0.001	0.22	< 0.005	< 0.01	< 0.003	13.42	
13-Aug-19	2-Sep-19	04-Sep-19	6.8	1200	690	620	38	0.36	13	100	63	3.40	40	1.8	0.015	0.03	< 0.001	< 0.005	0.02	0.001	0.01	< 0.001	0.25	0.008	0.07	< 0.003	13.75	
11-Feb-20	5-Mar-20	08-Apr-20	6.7	1200	790	650	41	0.12	10	110	71	4.40	68	1.4	< 0.01	< 0.005	< 0.001	< 0.005	0.03	< 0.001	0.01	< 0.001	0.30	0.006	< 0.01	< 0.003	13.40	
22-Sep-20	22-Oct-20	29-Oct-20	6.4	1100	660	610	32	0.35	9.7	100	63	3.60	61	5.7	0.01	0.15	< 0.001	< 0.005	0.02	< 0.001	0.01	< 0.001	0.23	0.018	0.01	< 0.003	14.25	
10-Feb-21	1-Apr-21	12-Apr-21	6.6	1100	620	600	37	0.34	8.9	110	68	4.40	68	1.7	0.03	0.10	< 0.001	< 0.005	0.02	0.004	< 0.005	< 0.001	0.26	0.011	< 0.01	< 0.003	14.28	
9-Aug-21	17-Sep-21	20-Sep-21	7.1	1200	570	610	27	0.16	12	120	75	5.00	77	5.7	0.03	0.059	< 0.001	< 0.005	0.033	< 0.001	< 0.005	< 0.001	0.007	0.013	< 0.01	< 0.003	14.15	

Sampling Point 3 (BH3) Groundwater

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual
Date Sampled	Date Obtained	Date Published	pH (Unit)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Total Alkalinity as CaCO3 (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Total Organic Carbon (mg/L)	Ammonia as N (mg/L)	Nitrate as N (mg/L)	Cobalt (mg/L)	Aluminium (mg/L)	Barium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Zinc (mg/L)	Phenolic Compounds (mg/L)	Total Pesticides (mg/L)	Standing Water Level	
11-Aug-17	23-Aug-17	01-Sep-17	6.4	670	440	360	25	0.15	4.8	60	41	2.10	25	8.5	0.03	0.92	0.00	< 0.005	0.02	< 0.001	0.22	< 0.001	3.40	0.009	< 0.01	< 0.003	22.20	
14-Feb-18	23-Feb-18	09-Mar-18	7.1	690	310	280	24	0.36	3.3	45	33	3.10	21	4.1	0.01	1.60	< 0.001	< 0.005	0.01	< 0.001	< 0.005	< 0.001	0.22	< 0.005	0.02	< 0.003	21.70	
5-Sep-18	27-Sep-18	28-Sep-18	6.7	550	320	280	23	0.26	3.3	43	30	1.90	21	1.2	< 0.01	2.00	< 0.001	< 0.005	0.01	< 0.001	< 0.005	< 0.001	0.01	< 0.005	< 0.01	< 0.003	23.15	
14-Feb-19	1-Mar-19	08-Mar-19	7.1	540	340	260	24	0.37	3.7	43	31	2	22	1.6	0.03	1.9	< 0.001	< 0.005	0.008	< 0.001	< 0.005	< 0.001	0.002	< 0.005	< 0.01	< 0.003	23.60	
13-Aug-19	2-Sep-19	04-Sep-19	7.2	660	380	250	52	0.38	9.1	46	34	2.10	25	2.4	0.016	2.30	< 0.001	< 0.005	0.01	< 0.001	< 0.005	< 0.001	0.00	< 0.005	0.03	< 0.003	23.81	
11-Feb-20	5-Mar-20	08-Apr-20	7.1	560	460	270	28	0.26	4	51	36	2.40	25	0.8	< 0.01	2.10	< 0.001	< 0.005	0.01	< 0.001	< 0.005	< 0.001	0.00	< 0.005	< 0.01	< 0.003	24.32	
22-Sep-20	22-Oct-20	29-Oct-20	6.8	540	280	280	27	0.35	3.6	45	32	3.30	22	4.5	< 0.01	2.10	< 0.001	< 0.005	0.01	< 0.001	0.01	< 0.001	0.00	< 0.005	< 0.01	< 0.003	24.49	
10-Feb-21	1-Apr-21	12-Apr-21	7.3	400	230	84	21	1.1	94	26	15	4.10	67	2.7	0.01	0.13	< 0.001	0.035	0.04	0.004	0.01	< 0.001	0.00	0.022	< 0.01	< 0.003	24.49	
6-Sep-21	17-Sep-21	20-Sep-21	7.6	550	350	270	30	0.38	4.5	52	35	4.30	30	5.5	0.06	2.200	< 0.001	0.030	0.062	0.006	0.032	< 0.001	0.005	0.100	< 0.01	< 0.003	15.00	

Sampling Point 7 (BH6) Groundwater

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual
Date Sampled	Date Obtained	Date Published	pH (Unit)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Total Alkalinity as CaCO3 (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Total Organic Carbon (mg/L)	Ammonia as N (mg/L)	Nitrate as N (mg/L)	Cobalt (mg/L)	Aluminium (mg/L)	Barium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Zinc (mg/L)	Phenolic Compounds (mg/L)	Total Pesticides (mg/L)	Standing Water Level	
11-Aug-17	23-Aug-17	01-Sep-17	6.5	1500	990	580	200	0.1	3.2	130	96	2.50	45	18	< 0.01	< 0.005	0.00	< 0.005	0.03	< 0.001	0.02	< 0.001	0.09	0.006	< 0.01	< 0.003	9.84	
14-Feb-18	23-Feb-18	09-Mar-18	7	1600	1000	560	220	0.37	3.2	120	95	2.5	41	16	0.01	< 0.005	0.002	< 0.005	0.028	< 0.001	0.008	< 0.001	0.089	< 0.005	< 0.01	< 0.003	9.96	
5-Sep-18	27-Sep-18	28-Sep-18	6.5	1600	1300	580	230	0.14	3.6	150	100	2.5	45	9.3	0.01	0.18	0.002	< 0.005	0.028	< 0.001	< 0.005	< 0.001	0.13	< 0.005	< 0.01	< 0.003	10.56	
14-Feb-19	1-Mar-19	08-Mar-19	6.7	1600	1100	650	210	0.35	4.8	150	110	2.7	44	11	0.01	< 0.005	0.002	< 0.005	0.033	< 0.001	0.006	< 0.001	0.095	< 0.005	< 0.01	< 0.003	10.85	
13-Aug-19	2-Sep-19	04-Sep-19	6.9	1700	990	640	190	0.34	23	120	85	3.30	110	9.7	0.031	0.04	0.00	< 0.005	0.06	0.00	< 0.001	0.02	< 0.001	0.25	0.006	< 0.01	< 0.003	11.26
11-Feb-20	5-Mar-20	08-Apr-20	6.9	1500	1100	590	170	0.13	4.5	140	100	2.90	56	6.5	< 0.01	< 0.005	0.00	< 0.005	0.03	< 0.001	0.01	< 0.001	0.15	0.006	< 0.01	< 0.003	11.78	
22-Sep-20	22-Oct-20	29-Oct-20	6.7	1500	1100	660	190	0.37	4.4	150	110	2.70	55	8.6	0.01	0.09	0.00	< 0.005	0.03	0.00	0.01	< 0.001	0.05	0.011	< 0.01	< 0.003	11.29	
10-Feb-21	1-Apr-21	12-Apr-21	6.5	2100	1400	800	310	0.34	5	210	150	3.80	77	13	0.03	0.05	0.00	< 0.005	0.05	0.002	0.01	< 0.001	0.19	0.01	< 0.01	< 0.003	11.43	
9-Aug-21	17-Sep-21	20-Sep-21	7.2	1900	1200	640	240	0.18	5	180	120	3.90	82	12	< 0.01	0.011	0.002	< 0.005	0.042	0.001	< 0.005	< 0.001	0.090	0.017	< 0.01	< 0.003	5.23	

Sampling Point 8 (BH7) Groundwater

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual
Date Sampled	Date Obtained	Date Published	pH (Unit)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Total Alkalinity as CaCO3 (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Total Organic Carbon (mg/L)	Ammonia as N (mg/L)	Nitrate as N (mg/L)	Cobalt (mg/L)	Aluminium (mg/L)	Barium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Zinc (mg/L)	Phenolic Compounds (mg/L)	Total Pesticides (mg/L)	Standing Water Level	
11-Aug-17	23-Aug-17	01-Sep-17	6.5	2000	1300	730	290	0.14	19	150	100	3.30	140	17	< 0.01	<												

Sampling Point 17 (BH8) Groundwater

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual			
Date Sampled	Date Obtained	Date Published	pH (Unit)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Total Alkalinity as CaCO3 (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Total Organic Carbon (mg/L)	Ammonia as N (mg/L)	Nitrate as N (mg/L)	Cobalt (mg/L)	Aluminium (mg/L)	Barium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Zinc (mg/L)	Phenolic Compounds (mg/L)	Total Pesticides (mg/L)	Standing Water Level
11-Aug-17	23-Aug-17	01-Sep-17	6.4	1800	1100	580	290	0.26	12	110	62	14.00	170	42	8.5	< 0.005	0.01	0.01	0.18	< 0.001	0.12	< 0.001	9.80	< 0.005	< 0.01	< 0.003	4.53
14-Feb-18	23-Feb-18	09-Mar-18	7	2200	1300	660	330	0.4	15	120	71	14.00	180	41	8.5	< 0.005	0.01	0.009	0.20	< 0.001	0.04	< 0.001	9.50	< 0.005	0.02	< 0.003	4.03
5-Sep-18	27-Sep-18	28-Sep-18	6.5	1500	910	510	210	0.26	25	97	51	11.00	140	24	7.6	0.05	0.01	< 0.005	0.14	< 0.001	0.02	< 0.001	8.70	< 0.005	< 0.01	< 0.003	4.53
14-Feb-19	1-Mar-19	08-Mar-19	6.7	1400	900	490	190	0.38	32	88	48	11.00	140	27	5.4	< 0.005	0.01	< 0.005	0.14	< 0.001	0.06	< 0.001	7.80	< 0.005	< 0.01	< 0.003	4.03
13-Aug-19	2-Sep-19	04-Sep-19	7	1200	650	360	130	0.42	58	64	37	8.10	110	15	4.9	0.07	0.01	< 0.005	0.09	< 0.001	0.02	< 0.001	5.70	< 0.005	< 0.01	< 0.003	4.88
11-Feb-20	5-Mar-20	08-Apr-20	6.9	1600	980	600	170	0.1	20	130	90	4.00	110	8.2	< 0.005	0.00	< 0.005	0.07	0.00	0.02	< 0.001	0.27	< 0.005	< 0.01	< 0.003	5.12	
22-Sep-20	22-Oct-20	29-Oct-20	6.5	1200	750	330	160	0.32	75	69	39	6.00	120	17	2.3	0.03	0.01	0.006	0.12	< 0.001	0.01	< 0.001	7.10	< 0.005	< 0.01	< 0.003	3.57
10-Feb-21	1-Apr-21	12-Apr-21	6.7	1100	670	320	160	0.36	30	63	36	7.80	130	20	3.6	0.06	0.01	< 0.005	0.18	< 0.001	0.03	< 0.001	5.30	< 0.005	< 0.01	< 0.003	3.43
9-Aug-21	17-Sep-21	20-Sep-21	7.2	1200	700	290	150	0.22	81	74	44	7.30	120	14	3.7	0.170	0.006	< 0.005	0.130	0.003	0.028	< 0.001	5.100	< 0.005	< 0.01	< 0.003	3.53

Sampling Point 18 (BH9) Groundwater

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual
Date Sampled	Date Obtained	Date Published	pH (Unit)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Total Alkalinity as CaCO3 (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Total Organic Carbon (mg/L)	Ammonia as N (mg/L)	Nitrate as N (mg/L)	Cobalt (mg/L)	Aluminium (mg/L)	Barium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Zinc (mg/L)	Phenolic Compounds (mg/L)	Total Pesticides (mg/L)	Standing Water Level
11-Aug-17	23-Aug-17	01-Sep-17	6.5	960	620	430	85	0.15	15	89	45	4.70	54	9.2	< 0.01	< 0.005	< 0.001	< 0.005	0.07	< 0.001	0.01	< 0.001	0.08	0.006	< 0.01	< 0.003	2.93
14-Feb-18	23-Feb-18	09-Mar-18	7	1100	600	470	93	0.37	16	88	49	4.4	48	7.3	0.03	< 0.005	< 0.001	< 0.005	0.036	< 0.001	< 0.005	< 0.001	0.055	< 0.005	0.01	< 0.003	2.99
5-Sep-18	27-Sep-18	28-Sep-18	6.6	1100	660	460	100	0.16	16	110	77	5.1	150	3.1	0.02	< 0.005	< 0.001	< 0.005	0.027	< 0.001	< 0.005	< 0.001	0.06	0.015	< 0.01	< 0.003	3.62
14-Feb-19	1-Mar-19	08-Mar-19	6.7	1100	720	480	100	0.35	17	110	53	4.7	48	2.9	< 0.01	< 0.005	< 0.001	< 0.005	0.025	< 0.001	< 0.005	< 0.001	0.084	< 0.005	< 0.01	< 0.003	3.80
13-Aug-19	2-Sep-19	04-Sep-19	7	1200	710	490	120	0.36	20	110	56	4.50	41	2.6	0.011	0.03	< 0.001	< 0.005	0.02	< 0.001	< 0.005	< 0.001	0.10	0.006	< 0.01	< 0.003	4.32
11-Feb-20	5-Mar-20	08-Apr-20	6.9	1200	790	500	120	0.15	19	120	69	5.50	71	3.3	< 0.01	< 0.005	< 0.001	< 0.005	0.03	< 0.001	< 0.005	< 0.001	0.11	< 0.005	< 0.01	< 0.003	4.69
22-Sep-20	22-Oct-20	29-Oct-20	6.5	1300	790	530	120	0.34	20	120	67	4.60	60	4	0.03	0.06	< 0.001	< 0.005	0.03	0.00	< 0.005	< 0.001	0.17	0.015	0.01	< 0.003	4.01
10-Feb-21	1-Apr-21	12-Apr-21	6.6	1300	810	550	130	0.34	19	140	75	5.70	71	4.1	0.01	0.07	< 0.001	< 0.005	0.03	< 0.001	< 0.005	< 0.001	0.15	0.006	< 0.01	< 0.003	4.26
9-Aug-21	17-Sep-21	20-Sep-21	7.2	1300	740	360	140	0.17	25	120	66	5.70	80	4.6	< 0.01	0.074	< 0.001	< 0.005	0.020	0.002	< 0.005	< 0.001	0.010	< 0.005	< 0.01	< 0.003	4.16