Oberon Council
Oberon Waste Facility
Lowes Mount Road, Oberon NSW
EPL 20289
Waste Disposal (application to land)

Sampling Point 1 (SW1)

Sampling Frequency (during discharge)			Monthly	Monthly	Monthly	Monthly
Discharge Limit			6.0 - 9.0		50	10
Date Sampled	**Date Obtained**	**Date Published**	**pH (pH units)**	**Electrical Conductivity (µS/cm)**	**Total Suspended Solids (mg/L)**	**Oil and Grease (mg/L)**
Nil Discharge						
15-Apr-14	2-Jun-14		7.41	304	69	<5
13-May-14	10-Jun-14		7.58	302	25	<5
4-Jun-14	4-Aug-14		7.45	273	10	<5
22-Jul-14	4-Aug-14		7.58	172	7	<5
10-Sep-14	24-Sep-14		7.58	143	11	<5
22-Dec-14	21-Jan-15		7.67	167	8	<5
6-May-15	28-May-15		11.7	8.4		
23-Jun-15	8-Jul-15		7.08	112	15	7
16-Jul-15	7-Aug-15		7.08	107	70	10
5-Aug-15	25-Sep-15		7.32	126	15	< 5
10-Sep-15	29-Sep-15		8.13	601	85	< 5
23-Nov-15	17-Dec-15		7.62	184	12	< 5
23-Dec-15	15-Jan-16		No Discharge			
15-Jan-16	3-Feb-16		No Discharge			
3-Feb-16	11-Mar-16		No Discharge			
11-Mar-16	22-Apr-16		No Discharge			
22-Apr-16	19-May-16		No Discharge			
19-May-16	28-Jun-16		No Discharge			
4-Jul-16	21-Sep-16		No Discharge			
11-Jul-16	21-Sep-16		7.14	75	8	< 5
17-Aug-16	21-Sep-16		No Discharge			
5-Sep-16	21-Sep-16		7.57	478	60	< 5
10-Oct-16	2-Dec-16		7.94	643	10	< 5
7-Nov-16	2-Dec-16		7.77	733	15	< 5
15-Dec-16	22-Dec-16		No Discharge			
11-Jan-17	31-Jan-17		No Discharge			
7-Feb-17	28-Feb-17		No Discharge			
9-Mar-17	28-Mar-17		No Discharge			
11-Apr-17	28-Apr-17		No Discharge			
17-May-17	8-Jun-17		No Discharge			
17-Jun-17	17-Jun-17		No Discharge			
11-Jul-17	11-Jul-17		No Discharge			
22-Aug-17	22-Aug-17		No Discharge			
7-Sep-17	7-Sep-17		No Discharge			
5-Oct-17	5-Oct-17		No Discharge			
13-Nov-17	13-Nov-17		No Discharge			
4-Dec-17	4-Dec-17		6.9	400	46	10
15-Jan-18	15-Jan-18		7.1	630	41	< 10
16-Feb-18	16-Feb-18		No Discharge			
23-Mar-18	23-Mar-18		No Discharge			
27-Apr-18	27-Apr-18		No Discharge			
28-May-18	28-May-18		No Discharge			
18-Jun-18	18-Jun-18		No Discharge			
18-Jul-18	18-Jul-18		No Discharge			
17-Aug-18	17-Aug-18		No Discharge			
6-Sep-18	6-Sep-18		No Discharge			
29-Oct-18	29-Oct-18		No Discharge			
14-Nov-18	21-Jan-19		7.1	490	27	21
18-Dec-18	21-Jan-19		7.2	310	150	< 10
30-Jan-19	24-Apr-19		No Discharge			
19-Feb-19	24-Apr-19		No Discharge			
28-Mar-19	24-Apr-19		7.1	140	17	< 10
1-May-19	23-Jul-19		No Discharge			
6-Jun-19	29-Jan-20		No Discharge			
10-Jul-19	29-Jan-20		No Discharge			
19-Aug-19	29-Jan-20		No Discharge			
2-Sep-19	29-Jan-20		No Discharge			
9-Oct-19	29-Jan-20		No Discharge			
11-Nov-19	29-Jan-20		No Discharge			
8-Dec-19	29-Jan-20		No Discharge			
7-Jan-20	29-Jan-20		No Discharge			
3-Feb-20	24-Jul-20		No Discharge			

11-Mar-20	24-Jul-20		No Discharge			
24-Apr-20	24-Jul-20		No Discharge			
18-May-20	24-Jul-20		No Discharge			
30-Jun-20	24-Jul-20		No Discharge			
7-Jul-20	24-Jul-20		7.4	110	18	< 5
28-Aug-20	16-Oct-20		7.1	93	22	< 5
2-Sep-20	16-Oct-20		7.4	220	37	< 5
27-Oct-20	25-Nov-20		6.9	160	19	< 5
27-Nov-20	21-Jan-21		No Discharge			
9-Dec-20	21-Jan-21		No Discharge			
13-Jan-21	3-Jun-21		No Discharge			
16-Feb-21	3-Jun-21		No Discharge			
23-Mar-21	3-Jun-21		6.6	170	31	<5
1-Apr-21	3-Jun-21		No Discharge			
3-May-21	3-Jun-21		No Discharge			

Sampling Point 2 (Groundwater BH1S)

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Date Sampled	**Date Obtained**	**Date Published**	**pH (pH units)**	**Electrical Conductivity (µS/cm)**	**Total Dissolved Solids (mg/L)**	**Total Alkalinity as CaCO3 (mg/L)**	**Sulfate (mg/L)**	**Chloride (mg/L)**	**Calcium (mg/L)**	**Magnesium (mg/L)**	**Sodium (mg/L)**	**Potassium (mg/L)**	**Aluminium (mg/L)**	**Arsenic (mg/L)**	**Barium (mg/L)**	**Cadmium (mg/L)**	**Chromium (mg/L)**	**Copper (mg/L)**	**Cobalt (mg/L)**
19-Nov-13	11-Dec-13		7.12	141	92	32	22	5	9	<1	20	<1	0.92	<0.001	0.038	<0.0001	0.002	0.004	<0.001
13-May-14	10-Jun-14		6.35	122	79	22	19	5	<1	<1	24	<1							
5-Nov-14	4-Dec-14		6.25	95	62	11	18	6	<1	<1	20	<1	<0.01	<0.001	0.007	<0.0001	<0.001	0.001	<0.001
6-May-15	28-May-15		6.27	92	60	11	15	5	< 1	< 1	23	< 1	-	-	-	-	-	-	-
23-Nov-15	17-Dec-15		6.25	90	58	12	13	5	< 1	< 1	16	< 1	< 0.01	< 0.001	0.005	< 0.0001	< 0.001	< 0.001	< 0.001
19-May-16	Insufficient																		
5-Sep-16	21-Sep-16		6.38	113	73	29	12	6	3	< 1	21	< 1	-	-	-	-	-	-	-
7-Nov-16	Insufficient																		
17-May-17	Insufficient																		
13-Nov-17	Insufficient																		
28-May-18	Insufficient																		
14-Nov-18	21-Jan-19		6.5	190	110	34	1.7	34	14	3.1	10	7.1	-	-	-	-	-	-	-
1-May-19	Insufficient																		
11-Nov-19	Insufficient																		
7-Jul-20	24-Jul-20		6.2	170	95	27	3.3	33	7.4	4.8	6.9	9.8	0.034	< 0.001	0.099	< 0.0001	< 0.001	0.004	0.001
9-Dec-20	21-Jan-21		5.7	530	330	66	< 1	76	2.6	45	20	0.5	-	-	-	-	-	-	-
3-May-21	3-Jun-21		5.6	250	170	18	4.3	51	12	7.9	11	20	0.016	< 0.001	0.14	< 0.0001	0.005	0.003	0.003

Sampling Point 3 (Groundwater BH1D)

Sampling Frequency (where liquid is present)			Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Date Sampled	**Date Obtained**	**Date Published**	**pH (pH units)**	**Electrical Conductivity (µS/cm)**	**Total Dissolved Solids (mg/L)**	**Total Alkalinity as CaCO3 (mg/L)**	**Sulfate (mg/L)**	**Chloride (mg/L)**	**Calcium (mg/L)**	**Magnesium (mg/L)**	**Sodium (mg/L)**	**Potassium (mg/L)**	**Aluminium (mg/L)**	**Arsenic (mg/L)**	**Barium (mg/L)**	**Cadmium (mg/L)**	**Chromium (mg/L)**	**Copper (mg/L)**	**Cobalt (mg/L)**
19-Nov-13	11-Dec-13		6.04	126	82	27	11	10	2	3	12	3	0.05	<0.001	0.093	<0.0001	<0.001	0.004	0.002
13-May-14	10-Jun-14																		
5-Nov-14	4-Dec-14		6.09	123	80	28	11	12	3	4	13	4	<0.01	<0.001	0.116	<0.0001	<0.001	0.004	0.002
23-Nov-15	17-Dec-15		6.44	126	82	29	10	14	4	4	11	3	0.02	< 0.001	0.128	< 0.0001	< 0.001	0.003	0.002
7-Nov-16	2-Dec-16		6.36	120	78	27	9	11	4	4	10	3	< 0.01	< 0.001	0.14	< 0.0001	< 0.001	0.002	0.001
13-Nov-17	Insufficient																		
28-May-18	28-Jun-18		6	100	89	24	9.1	11	2.8	4	10	2.9	< 0.005	< 0.001	0.17	< 0.0001	< 0.001	< 0.001	0.002
1-May-19	23-Jul-19		5.6	110	63	31	9.7	12	3.5	4	8.8	2.9	< 0.005	< 0.001	0.14	< 0.0001	< 0.001	< 0.001	0.001
11-Nov-19	29-Jan-20																		
7-Jul-20	24-Jul-20		6.2	100	80	26	9.8	14	2.7	4.2	9.5	3	0.009	< 0.001	0.14	0.0002	< 0.001	0.005	< 0.001

Sampling Point 4 (Groundwater BH2)

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Date Sampled	**Date Obtained**	**Date Published**	**pH (pH units)**	**Electrical Conductivity (µS/cm)**	**Total Dissolved Solids (mg/L)**	**Total Alkalinity as CaCO3 (mg/L)**	**Sulfate (mg/L)**	**Chloride (mg/L)**	**Calcium (mg/L)**	**Magnesium (mg/L)**	**Sodium (mg/L)**	**Potassium (mg/L)**	**Aluminium (mg/L)**	**Arsenic (mg/L)**	**Barium (mg/L)**	**Cadmium (mg/L)**	**Chromium (mg/L)**	**Copper (mg/L)**	**Cobalt (mg/L)**
19-Nov-13	11-Dec-13		6.43	402	261	51	<1	58	1	34	18	<1	0.93	<0.001	0.338	0.0002	0.004	0.008	0.01
13-May-14	10-Jun-14		6.67	419	272	50	<1	60	<1	34	19	<1							
5-Nov-14	4-Dec-14		6.25	438	285	59	<1	58	1	37	22	<1	<0.01	<0.001	0.299	0.0001	<0.001	0.001	0.001
6-May-15	28-May-15		6.27	465	302	55	13	56	2	52	24	< 1	-	-	-	-	-	-	-
23-Nov-15	17-Dec-15		6.52	460	299	59	< 1	53	2	40	17	< 1	0.02	< 0.001	0.305	0.0001	< 0.001	< 0.001	0.00
19-May-16	Insufficient																		
5-Sep-16	Insufficient																		
7-Nov-16	2-Dec-16		6.41	440	286	53	< 1	55	1	36	16	< 1	< 0.01	< 0.001	0.33	0.0001	< 0.001	< 0.001	0.00
17-May-17	Insufficient																		

13-Nov-17	10-Jan-18		5.9	470	300	56	< 1	69	1.4	39	16	0.3	-	-	-	-	-	-	-
28-May-18	28-Jun-18		6.1	470	310	57	< 1	69	3	40	18	0.5	< 0.005	< 0.001	0.42	0.0002	< 0.001	0.001	0.00
14-Nov-18	21-Jan-19		5.8	490	340	59	< 1	75	2.9	39	16	0.4	-	-	-	-	-	-	-
1-May-19	23-Jul-19																		
11-Nov-19	Insufficient																		
7-Jul-20	24-Jul-20		6.1	560	390	70	3.8	97	3.3	44	22	0.5	< 0.005	< 0.001	0.44	0.0003	< 0.001	< 0.001	0.012
9-Dec-20	21-Jan-21		5.4	210	150	22	3.8	39	7.8	5.8	9.3	16	-	-	-	-	-	-	-
3-May-21	3-Jun-21		5.8	520	220	76	< 1	81	3.8	48	20	0.5	< 0.005	< 0.001	0.43	0.0002	0.045	< 0.001	0.001

Sampling Point 5 (Groundwater BH3S)

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Date Sampled	**Date Obtained**	**Date Published**	**pH (pH units)**	**Electrical Conductivity (µS/cm)**	**Total Dissolved Solids (mg/L)**	**Total Alkalinity as CaCO3 (mg/L)**	**Sulfate (mg/L)**	**Chloride (mg/L)**	**Calcium (mg/L)**	**Magnesium (mg/L)**	**Sodium (mg/L)**	**Potassium (mg/L)**	**Aluminium (mg/L)**	**Arsenic (mg/L)**	**Barium (mg/L)**	**Cadmium (mg/L)**	**Chromium (mg/L)**	**Copper (mg/L)**	**Cobalt (mg/L)**
20-Nov-13	Insufficient Recharge																		
13-May-14	10-Jun-14		7.57	535	348	220	9	36	5	11	98	1							
5-Nov-14	4-Dec-14		7.53	626	407	272	21	36	9	19	98	<1	1.42	0.007	0.21	0.0002	0.003	0.018	0.013
6-May-15	28-May-15		7.38	577	375	230	10	36	8	22	91	< 1	-	-	-	-	-	-	-
23-Nov-15	17-Dec-15		7.1	552	359	211	8	42	10	18	99	3	1.4	0.005	0.157	0.0005	0.004	0.124	0.02
19-May-16	Insufficient																		
5-Sep-16	21-Sep-16		6.63	415	270	141	8	40	4	15	58	< 1	-	-	-	-	-	-	-
7-Nov-16	2-Dec-16		6.73	359	233	121	7	32	2	16	50	< 1	4.2	0.009	0.589	0.0002	0.006	0.121	0.09
17-May-17	Insufficient																		
13-Nov-17	10-Jan-18		6.7	590	360	250	10	32	5.1	16	100	0.5	-	-	-	-	-	-	-
28-May-18	Insufficient																		
14-Nov-18	21-Jan-19		6.5	580	410	220	9	29	11	15	100	1	-	-	-	-	-	-	-
1-May-19	23-Jul-19		6.7	530	380	250	10	29	10	15	100	0.5	0.029	0.001	0.18	< 0.0001	< 0.001	0.002	0.007
11-Nov-19	29-Jan-20		6.7	550	380	230	9.4	40	8.8	14	96	0.3	-	-	-	-	-	-	-
7-Jul-20	24-Jul-20		6.5	370	240	140	14	21	31	9	31	0.9	0.27	< 0.001	0.13	< 0.0001	< 0.001	0.002	0.001
9-Dec-20	21-Jan-21		6.4	630	390	230	8.2	55	9.2	19	99	0.7	-	-	-	-	-	-	-
3-May-21	3-Jun-21		6.5	620	350	230	8.1	61	7.1	22	110	0.6	0.032	0.003	0.1	< 0.0001	0.055	0.002	0.013

Sampling Point 6 (Groundwater BH3D)

Sampling Frequency (where liquid is present)			Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Date Sampled	**Date Obtained**	**Date Published**	**pH (pH units)**	**Electrical Conductivity (µS/cm)**	**Total Dissolved Solids (mg/L)**	**Total Alkalinity as CaCO3 (mg/L)**	**Sulfate (mg/L)**	**Chloride (mg/L)**	**Calcium (mg/L)**	**Magnesium (mg/L)**	**Sodium (mg/L)**	**Potassium (mg/L)**	**Aluminium (mg/L)**	**Arsenic (mg/L)**	**Barium (mg/L)**	**Cadmium (mg/L)**	**Chromium (mg/L)**	**Copper (mg/L)**	**Cobalt (mg/L)**
20-Nov-13	Piezometer Blocked																		
25-Feb-14	14-Mar-14		7.43	292	190	111	10	10	16	13	16	1	0.16	<0.001	0.081	0.0002	0.001	0.017	<0.001
13-May-14	10-Jun-14																		
5-Nov-14	4-Dec-14		6.86	191	124	75	7	12	4	12	16	2	0.02	<0.001	0.049	<0.0001	<0.001	<0.001	<0.001
23-Nov-15	17-Dec-15		6.88	191	124	67	6	12	5	13	14	1	< 0.01	< 0.001	0.046	< 0.0001	< 0.001	< 0.001	< 0.001
7-Nov-16	2-Dec-16		6.58	179	116	63	6	11	5	12	13	2	0.01	< 0.001	0.052	< 0.0001	< 0.001	< 0.001	< 0.001
13-Nov-17	Insufficient																		
28-May-18	28-Jun-18		6.3	180	150	74	6.6	13	4.8	13	15	1.5	< 0.005	< 0.001	0.068	< 0.0001	< 0.001	< 0.001	< 0.001
1-May-19	23-Jul-19		6.1	200	150	72	7.2	14	4.7	13	14	1.5	< 0.005	< 0.001	0.059	< 0.0001	< 0.001	< 0.001	< 0.001
11-Nov-19	29-Jan-20																		
7-Jul-20	24-Jul-20		6.9	220	150	88	7.3	18	5.7	13	19	1.6	0.012	< 0.001	0.061	< 0.0001	< 0.001	0.001	< 0.001

Sampling Point 7 (Groundwater BH4S)

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Date Sampled	**Date Obtained**	**Date Published**	**pH (pH units)**	**Electrical Conductivity (µS/cm)**	**Total Dissolved Solids (mg/L)**	**Total Alkalinity as CaCO3 (mg/L)**	**Sulfate (mg/L)**	**Chloride (mg/L)**	**Calcium (mg/L)**	**Magnesium (mg/L)**	**Sodium (mg/L)**	**Potassium (mg/L)**	**Aluminium (mg/L)**	**Arsenic (mg/L)**	**Barium (mg/L)**	**Cadmium (mg/L)**	**Chromium (mg/L)**	**Copper (mg/L)**	**Cobalt (mg/L)**
20-Nov-13	Insufficient Recharge																		
13-May-14	Insufficient Recharge																		
5-Nov-14	4-Dec-14		7.19	1060	689	320	31	146	3	41	155	1	0.03	0.002	0.116	<0.0001	<0.001	<0.001	0.014
6-May-15	Insufficient Recharge																		
23-Nov-15	17-Dec-15		7.21	773	502	221	7	106	4	42	95	< 1	< 0.01	< 0.001	0.101	< 0.0001	< 0.001	< 0.001	0.01
19-May-16	Insufficient																		
5-Sep-16	21-Sep-16		7.04	1160	754	366	12	154	8	40	160	1	-	-	-	-	-	-	-
7-Nov-16	Insufficient																		
17-May-17	Insufficient																		
13-Nov-17	Insufficient																		
28-May-18	Insufficient																		
14-Nov-18	21-Jan-19																		
1-May-19	23-Jul-19																		
11-Nov-19	Insufficient																		

7-Jul-20	24-Jul-20		7.4	930	550	400	6.5	80	7.7	43	88	0.6	0.006	< 0.001	0.13	< 0.0001	< 0.001	< 0.001	0.017
9-Dec-20	21-Jan-21		6.6	1400	870	680	< 1	110	48	110	140	0.8	-	-	-	-	-	-	-
3-May-21	3-Jun-21		6.5	1600	960	850	< 1	130	55	110	190	1.5	0.007	0.001	0.14	< 0.0001	0.03	< 0.001	0.053

Sampling Point 8 (Groundwater BH4D)

Sampling Frequency (where liquid is present)			Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Date Sampled	**Date Obtained**	**Date Published**	**pH (pH units)**	**Electrical Conductivity (µS/cm)**	**Total Dissolved Solids (mg/L)**	**Total Alkalinity as CaCO3 (mg/L)**	**Sulfate (mg/L)**	**Chloride (mg/L)**	**Calcium (mg/L)**	**Magnesium (mg/L)**	**Sodium (mg/L)**	**Potassium (mg/L)**	**Aluminium (mg/L)**	**Arsenic (mg/L)**	**Barium (mg/L)**	**Cadmium (mg/L)**	**Chromium (mg/L)**	**Copper (mg/L)**	**Cobalt (mg/L)**
20-Nov-13	11-Dec-13		7.26	280	182	123	11	6	13	14	26	1	0.06	0.012	0.037	<0.0001	<0.001	0.003	0.00
13-May-14	10-Jun-14																		
5-Nov-14	4-Dec-14		6.98	231	150	114	6	5	10	14	16	1	<0.01	0.004	0.01	<0.0001	<0.001	<0.001	<0.001
23-Nov-15	17-Dec-15		7.32	260	169	127	5	5	15	15	17	1	< 0.01	0.01	0.022	< 0.0001	< 0.001	< 0.001	< 0.001
7-Nov-16	2-Dec-16		7.12	229	149	101	4	4	12	14	12	1	< 0.01	0.012	0.018	< 0.0001	< 0.001	< 0.001	< 0.001
13-Nov-17	Insufficient																		
28-May-18	28-Jun-18		6.7	220	150	110	4.5	4.7	13	14	13	1.4	< 0.005	15	0.022	< 0.0001	< 0.001	< 0.001	< 0.001
1-May-19	23-Jul-19		6.5	250	140	120	5.2	5.1	15	15	12	1.5	< 0.005	0.003	0.025	< 0.0001	< 0.001	< 0.001	< 0.001
11-Nov-19	29-Jan-20																		
7-Jul-20	24-Jul-20		7.2	290	180	110	9.7	24	13	15	20	2.1	0.009	< 0.001	0.02	< 0.0001	< 0.001	0.003	< 0.001

Sampling Point 9 (Groundwater BH5)

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Date Sampled	**Date Obtained**	**Date Published**	**pH (pH units)**	**Electrical Conductivity (µS/cm)**	**Total Dissolved Solids (mg/L)**	**Total Alkalinity as CaCO3 (mg/L)**	**Sulfate (mg/L)**	**Chloride (mg/L)**	**Calcium (mg/L)**	**Magnesium (mg/L)**	**Sodium (mg/L)**	**Potassium (mg/L)**	**Aluminium (mg/L)**	**Arsenic (mg/L)**	**Barium (mg/L)**	**Cadmium (mg/L)**	**Chromium (mg/L)**	**Copper (mg/L)**	**Cobalt (mg/L)**
20-Nov-13	11-Dec-13		7.79	1360	884	468	186	42	14	81	168	<1	0.36	0.001	0.065	<0.0001	<0.001	0.004	<0.001
13-May-14	10-Jun-14		8.02	1420	923	545	159	49	14	78	166	2							
5-Nov-14	4-Dec-14		7.64	1400	910	534	180	40	12	83	182	<1	<0.01	<0.001	0.034	<0.0001	<0.001	0.001	<0.001
6-May-15	28-May-15		6.02	115	75	26	10	11	3	5	14	4	-	-	-	-	-	-	-
23-Nov-15	17-Dec-15		7.86	1380	897	517	172	37	13	87	179	< 1	< 0.01	< 0.001	0.034	< 0.0001	< 0.001	< 0.001	< 0.001
19-May-16	Insufficient																		
5-Sep-16	Insufficient																		
7-Nov-16	2-Dec-16		7.7	1280	832	453	152	33	13	74	159	< 1	0.04	< 0.001	0.033	< 0.0001	< 0.001	< 0.001	< 0.001
17-May-17	Insufficient																		
13-Nov-17	10-Jan-18		7.1	1200	660	460	160	36	12	74	170	0.9	-	-	-	-	-	-	-
28-May-18	Insufficient																		
14-Nov-18	21-Jan-19		7.1	460	290	170	40	19	12	21	44	0.7	-	-	-	-	-	-	-
1-May-19	23-Jul-19		7.1	620	380	250	66	18	12	35	81	1.1	0.033	0.001	0.074	< 0.0001	< 0.001	0.003	< 0.001
11-Nov-19	29-Jan-20		7.3	400	260	150	32	22	12	22	44	0.8	-	-	-	-	-	-	-
7-Jul-20	24-Jul-20		7.8	360	230	160	23	14	24	19	21	1.5	0.063	0.002	0.072	< 0.0001	< 0.001	0.005	< 0.001
9-Dec-20	21-Jan-21		5.7	530	330	66	< 1	76	2.6	45	20	0.5	-	-	-	-	-	-	-
3-May-21	3-Jun-21		7	330	200	170	14	3.8	38	17	18	2.7	0.017	0.004	0.063	< 0.0001	0.006	0.003	0.001

Sampling Point 10 (Groundwater BH6S)

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Date Sampled	**Date Obtained**	**Date Published**	**pH (pH units)**	**Electrical Conductivity (µS/cm)**	**Total Dissolved Solids (mg/L)**	**Total Alkalinity as CaCO3 (mg/L)**	**Sulfate (mg/L)**	**Chloride (mg/L)**	**Calcium (mg/L)**	**Magnesium (mg/L)**	**Sodium (mg/L)**	**Potassium (mg/L)**	**Aluminium (mg/L)**	**Arsenic (mg/L)**	**Barium (mg/L)**	**Cadmium (mg/L)**	**Chromium (mg/L)**	**Copper (mg/L)**	**Cobalt (mg/L)**
19-Nov-13	Insufficient Recharge																		
13-May-14	10-Jun-14		7.42	262	170	134	3	5	4	18	14	3							
5-Nov-14	4-Dec-14		6.98	496	322	198	9	37	<1	19	72	1	0.01	<0.001	0.232	<0.0001	<0.001	<0.001	0.004
6-May-15	Insufficient Recharge																		
23-Nov-15	Insufficient Recharge																		
19-May-16	Insufficient																		
5-Sep-16	Insufficient																		
7-Nov-16	2-Dec-16		7.46	1140	741	564	2	35	9	50	178	< 1	< 0.01	0.005	0.444	< 0.0001	< 0.001	< 0.001	0.00
17-May-17	Insufficient																		
13-Nov-17	Insufficient																		
28-May-18	Insufficient																		
14-Nov-18	Insufficient																		
1-May-19	Insufficient																		
11-Nov-19	Insufficient																		
7-Jul-20	Blocked																		
9-Dec-20	Blocked		-	-	-	-													
3-May-21	Blocked		-	-	-	-													

Sampling Point 11 (Groundwater BH6D)

Sampling Frequency (where liquid is present)			Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Date Sampled	**Date Obtained**	**Date Published**	**pH (pH units)**	**Electrical Conductivity (µS/cm)**	**Total Dissolved Solids (mg/L)**	**Total Alkalinity as CaCO3 (mg/L)**	**Sulfate (mg/L)**	**Chloride (mg/L)**	**Calcium (mg/L)**	**Magnesium (mg/L)**	**Sodium (mg/L)**	**Potassium (mg/L)**	**Aluminium (mg/L)**	**Arsenic (mg/L)**	**Barium (mg/L)**	**Cadmium (mg/L)**	**Chromium (mg/L)**	**Copper (mg/L)**	**Cobalt (mg/L)**
19-Nov-13	11-Dec-13		7.42	244	159	114	3	6	6	19	14	3	0.08	0.005	0.031	<0.0001	<0.001	0.002	0.00
13-May-14	10-Jun-14																		
5-Nov-14	4-Dec-14		7.27	268	174	140	5	5	5	21	16	3	<0.01	0.009	0.02	<0.0001	<0.001	<0.001	0.001
23-Nov-15	17-Dec-15		7.5	246	160	123	3	5	6	21	14	3	0.02	0.001	0.009	< 0.0001	< 0.001	< 0.001	< 0.001
7-Nov-16	2-Dec-16		7.1	221	144	82	4	16	4	18	10	2	< 0.01	0.01	0.011	< 0.0001	< 0.001	< 0.001	0.00
13-Nov-17	Insufficient																		
28-May-18	28-Jun-18		6.9	220	140	99	3.3	11	5.1	19	12	2.6	< 0.005	9	0.012	< 0.0001	< 0.001	< 0.001	0.00
1-May-19	23-Jul-19		6.6	230	110	100	4.3	6.9	4.8	19	11	2.5	< 0.005	0.004	0.009	< 0.0001	< 0.001	< 0.001	0.002
11-Nov-19	29-Jan-20																		
7-Jul-20	24-Jul-20		7.4	230	150	110	5.5	8.3	5.1	18	12	2.4	0.012	0.001	0.013	< 0.0001	< 0.001	0.001	< 0.001

Annual	Annual	Annual	Annual	Annual	Annual	Annual	Biannual	Biannual	Biannual	Biannual	Biannual	Annual	Annual	Annual	Annual	Annual	Annual	Biannual
Nickel (mg/L)	**Lead (mg/L)**	**Zinc (mg/L)**	**Manganese (mg/L)**	**Iron (mg/L)**	**Mercury (mg/L)**	**Fluoride (mg/L)**	**Ammonia as N (mgN/L)**	**Nitrite as N (mgN/L)**	**Nitrate as N (mgN/L)**	**Total Phosphorus (mg/L)**	**Total Organic Carbon (mg/L)**	**Organochlorine Pesticides (mg/L)**	**Organophosphorus Pesticides (mg/L)**	**Phenolic Compounds (mg/L)**	**Polynuclear Aromatic Hydrocarbons (mg/L)**	**BTEX (mg/L)**	**Total Petroleum Hydrocarbons (mg/L)**	**Standing Water Level (mAHD)**
0.00	0.00	0.04	0.01	0.25	<0.0001	<0.1	0.02	<0.01	1.62	0.64	4.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1110.46
						<0.1	<0.01	<0.01	1.51	0.16	2.0							1110.07
<0.001	<0.001	0.01	0.00	<0.05	<0.0001	0.20	<0.01	<0.01	1.55	0.08	2.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1110.88
-	-	-	-	-	-	< 0.1	0.03	< 0.01	1.75	0.16	2.0	-	-	-	-	-	-	1112.2
< 0.001	< 0.001	< 0.005	0.00	< 0.05	< 0.0001	< 0.1	0.03	< 0.01	1.44	0.16	6.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1112.05
																		1109.45
-	-	-	-	-	-	< 0.1	< 0.01	< 0.01	1.43	0.22	2.0	-	-	-	-	-	-	1113.41
																		1112.73
																		1109.5
																		1109.37
																		1109.37
-	-	-	-	-	-	-	0.02	< 0.005	0.05	0.28	5.5	-	-	-	-	-	-	1110.93
																		-
																		-
-	< 0.001	0.061	0.052	0.045	< 0.0001	< 0.1	0.06	< 0.005	0.04	0.09	2.9	<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1113.19
-	-	-	-	-	-	-	0.01	< 0.005	16.00	0.73	2.3	-	-	-	-	-	-	1112.97
	< 0.001	0.023	0.13	0.56	< 0.0001	< 0.1	0.26	0.01	2.50	0.33	11.0	<0.01	<0.014	0.01	<0.0005	0.029	<0.07	1113.47

Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Nickel (mg/L)	**Lead (mg/L)**	**Zinc (mg/L)**	**Manganese (mg/L)**	**Iron (mg/L)**	**Mercury (mg/L)**	**Fluoride (mg/L)**	**Ammonia as N (mgN/L)**	**Nitrite as N (mgN/L)**	**Nitrate as N (mgN/L)**	**Total Phosphorus (mg/L)**	**Total Organic Carbon (mg/L)**	**Organochlorine Pesticides (mg/L)**	**Organophosphorus Pesticides (mg/L)**	**Phenolic Compounds (mg/L)**	**Polynuclear Aromatic Hydrocarbons (mg/L)**	**BTEX (mg/L)**	**Total Petroleum Hydrocarbons (mg/L)**	**Standing Water Level (mAHD)**
0.01	0.00	0.038	0.04	0.52	<0.0001	<0.1	0.02	<0.01	0.02	0.24	<1	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1109.61
0.01	<0.001	0.037	0.03	<0.05	<0.0001	<0.1	0.01	<0.01	0.05	0.19	2.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1110.53
0.01	< 0.001	0.033	0.03	< 0.05	< 0.0001	< 0.1	0.02	< 0.01	0.13	0.02	5.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1111.48
0.01	< 0.001	0.026	0.02	< 0.05	< 0.0001	0.10	< 0.01	< 0.01	0.12	0.02	4.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1112.01
-	< 0.001	0.017	0.02	6.00	< 0.0001	< 0.1	0.01	< 0.005	0.08	< 0.02	0.6	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1107.39
	< 0.001	0.035	0.027	0.006	< 0.0001	< 0.1	0.03	< 0.005	0.17	0.03	0.4	<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1108.40
																		1108.61
	< 0.001	0.078	0.016	0.008	< 0.0001	< 0.1	0.07	< 0.005	0.45	0.06	0.9	<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1110.37

Annual	Annual	Annual	Annual	Annual	Annual	Annual	Biannual	Biannual	Biannual	Biannual	Biannual	Annual	Annual	Annual	Annual	Annual	Annual	Biannual
Nickel (mg/L)	**Lead (mg/L)**	**Zinc (mg/L)**	**Manganese (mg/L)**	**Iron (mg/L)**	**Mercury (mg/L)**	**Fluoride (mg/L)**	**Ammonia as N (mgN/L)**	**Nitrite as N (mgN/L)**	**Nitrate as N (mgN/L)**	**Total Phosphorus (mg/L)**	**Total Organic Carbon (mg/L)**	**Organochlorine Pesticides (mg/L)**	**Organophosphorus Pesticides (mg/L)**	**Phenolic Compounds (mg/L)**	**Polynuclear Aromatic Hydrocarbons (mg/L)**	**BTEX (mg/L)**	**Total Petroleum Hydrocarbons (mg/L)**	**Standing Water Level (mAHD)**
0.02	0.00	0.05	0.20	0.95	<0.0001	<0.1	0.03	<0.01	16.70	0.58	<1	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1111.81
						<0.1	<0.01	<0.01	15.4	0.95	<1							1112.02
0.014	<0.001	0.016	0.05	<0.05	<0.0001	0.1	<0.01	<0.01	16.9	0.94	<1	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1112.15
-	-	-	-	-	-	< 0.1	< 0.01	0.01	18.3	0.74	1.0	-	-	-	-	-	-	1111.97
0.01	< 0.001	0.01	0.06	< 0.05	< 0.0001	< 0.1	0.06	< 0.01	17.10	0.91	7.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1110.62
																		-
																		-
0.01	< 0.001	0.01	0.04	< 0.05	< 0.0001	0.20	< 0.01	< 0.01	16.60	0.13	2.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1112.78
																		1107.72

-	-	-	-	-	-	-	0.04	< 0.005	17.00	0.69	1.0	-	-	-	-	-	-	1109.84
	< 0.001	0.03	0.10	< 0.005	< 0.0001	< 0.1	0.07	< 0.005	16.00	1.50	1.7	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1109.02
-	-	-	-	-	-	-	< 0.01	< 0.005	17.00	1.70	1.8	-	-	-	-	-	-	1107.72
																		1108.42
																		1108.17
	< 0.001	0.13	0.28	< 0.005	< 0.0001	< 0.1	0.03	0.01	16.00	3.30	1.4	<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1108.7
-	-	-	-	-	-	-	0.15	< 0.005	0.074	0.12	5.6	-	-	-	-	-	-	1110.74
	< 0.001	0.034	0.05	< 0.005	< 0.0001	< 0.1	0.02	< 0.005	19.00	0.57	2.9	<0.01	<0.014	0.01	<0.0005	<0.001	<0.07	1110.89

Annual	Annual	Annual	Annual	Annual	Annual	Annual	Biannual	Biannual	Biannual	Biannual	Biannual	Annual	Annual	Annual	Annual	Annual	Annual	Biannual
Nickel (mg/L)	**Lead (mg/L)**	**Zinc (mg/L)**	**Manganese (mg/L)**	**Iron (mg/L)**	**Mercury (mg/L)**	**Fluoride (mg/L)**	**Ammonia as N (mgN/L)**	**Nitrite as N (mgN/L)**	**Nitrate as N (mgN/L)**	**Total Phosphorus (mg/L)**	**Total Organic Carbon (mg/L)**	**Organochlorine Pesticides (mg/L)**	**Organophosphorus Pesticides (mg/L)**	**Phenolic Compounds (mg/L)**	**Polynuclear Aromatic Hydrocarbons (mg/L)**	**BTEX (mg/L)**	**Total Petroleum Hydrocarbons (mg/L)**	**Standing Water Level (mAHD)**
																		1104.51
						0.8	0.08	<0.01	<0.01	0.34	6.0							1104.56
0.003	0.005	0.044	0.964	0.72	<0.0001	0.9	0.08	<0.01	<0.01	3.68	14.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1104.83
-	-	-	-	-	-	0.7	0.03	< 0.01	0.01	1.67	2.0	-	-	-	-	-	-	1104.87
0.02	0.16	0.20	0.68	0.92	< 0.0001	0.80	0.06	< 0.01	0.02	1.35	5.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.1
																		1103.59
-	-	-	-	-	-	0.60	0.06	< 0.01	0.08	3.22	2.0	-	-	-	-	-	-	1105.53
0.01	0.02	0.07	1.34	3.75	< 0.0001	0.60	0.04	< 0.01	0.03	2.38	2.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.32
																		1103.63
-	-	-	-	-	-	-	0.02	< 0.005	< 0.05	1.70	4.9	-	-	-	-	-	-	1103.43
																		1101.92
-	-	-	-	-	-	-	0.02	< 0.005	6.60	1.40	4.5	-	-	-	-	-	-	1103.2
	< 0.001	0.005	0.61	0.014	< 0.0001	0.63	0.03	< 0.005	1.90	2.20	2.3	<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1102.74
-	-	-	-	-	-	-	0.04	<0.005	0.35	0.89	2.6	-	-	-	-	-	-	1102.98
	< 0.001	0.058	0.14	0.13	< 0.0001	< 0.1	0.04	< 0.005	3.00	0.31	3.3	<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1104.17
-	-	-	-	-	-	-	0.03	< 0.005	0.25	0.85	2.2	-	-	-	-	-	-	1104.76
	< 0.001	0.009	0.64	0.051	< 0.0001	0.79	0.07	< 0.005	0.18	1.20	3.1	<0.01	<0.014	0.01	<0.0005	<0.001	<0.07	1104.41

Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Nickel (mg/L)	**Lead (mg/L)**	**Zinc (mg/L)**	**Manganese (mg/L)**	**Iron (mg/L)**	**Mercury (mg/L)**	**Fluoride (mg/L)**	**Ammonia as N (mgN/L)**	**Nitrite as N (mgN/L)**	**Nitrate as N (mgN/L)**	**Total Phosphorus (mg/L)**	**Total Organic Carbon (mg/L)**	**Organochlorine Pesticides (mg/L)**	**Organophosphorus Pesticides (mg/L)**	**Phenolic Compounds (mg/L)**	**Polynuclear Aromatic Hydrocarbons (mg/L)**	**BTEX (mg/L)**	**Total Petroleum Hydrocarbons (mg/L)**	**Standing Water Level (mAHD)**
															* Standing Water Level unlikely to be accurate due to blockage.			1104.92
0.01	0.01	0.06	0.04	0.08	0.00	0.30	<0.01	<0.01	0.11	0.46	1.0	<0.010	<0.014	<0.014	<0.0005	<0.001	<0.07	1103.82* *replacement
																		1104.62 *replacement
0.00	<0.001	0.01	0.01	<0.05	<0.0001	0.20	<0.01	<0.01	0.19	0.09	<1	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1104.72
0.00	< 0.001	0.01	0.02	< 0.05	< 0.0001	0.20	< 0.01	< 0.01	0.08	0.11	6.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.02
0.00	< 0.001	0.01	0.00	< 0.05	< 0.0001	0.30	< 0.01	< 0.01	0.12	0.09	1.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.2
																		-
	< 0.001	0.01	0.00	0.01	< 0.0001	0.16	< 0.01	< 0.005	0.07	0.08	0.6	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1101.95
	< 0.001	0.006	0.003	< 0.005	< 0.0001	0.12	0.02	< 0.005	0.06	0.10	0.4	<0.01	<0.014	0.09	<0.0005	<0.001	<0.07	1102.26
																		1102.94
	< 0.001	0.088	0.005	0.011	< 0.0001	0.16	0.03	< 0.005	0.06	0.10	0.7	<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1103.74

Annual	Annual	Annual	Annual	Annual	Annual	Annual	Biannual	Biannual	Biannual	Biannual	Biannual	Annual	Annual	Annual	Annual	Annual	Annual	Biannual
Nickel (mg/L)	**Lead (mg/L)**	**Zinc (mg/L)**	**Manganese (mg/L)**	**Iron (mg/L)**	**Mercury (mg/L)**	**Fluoride (mg/L)**	**Ammonia as N (mgN/L)**	**Nitrite as N (mgN/L)**	**Nitrate as N (mgN/L)**	**Total Phosphorus (mg/L)**	**Total Organic Carbon (mg/L)**	**Organochlorine Pesticides (mg/L)**	**Organophosphorus Pesticides (mg/L)**	**Phenolic Compounds (mg/L)**	**Polynuclear Aromatic Hydrocarbons (mg/L)**	**BTEX (mg/L)**	**Total Petroleum Hydrocarbons (mg/L)**	**Standing Water Level (mAHD)**
																		1104.75
																		1104.89
0.005	<0.001	0.006	1.5	1.43	<0.0001	0.6	0.12	<0.01	0.08	0.72	14.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1104.72
																		1104.24
0.01	< 0.001	< 0.005	2.66	0.33	< 0.0001	0.40	0.06	< 0.01	0.09	0.34	5.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.1
																		1101.5
-	-	-	-	-	-	0.70	0.06	< 0.01	0.06	0.48	7.0	-	-	-	-	-	-	1105.18
																		1104.8
																		1101.42
																		1101.72
																		-
																		1101.47
																		1101.95
																		1101.91

	< 0.001	0.023	3.2	0.009	< 0.0001	0.73	0.07	< 0.005	0.06	0.19	9.9	<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1104.81
-	-	-	-	-	-	-	0.05	< 0.005	< 0.005	0.44	29	-	-	-	-	-	-	1104.02
	< 0.001	< 0.005	11	0.005	< 0.0001	0.91	2.00	< 0.005	< 0.005	0.49	16.0	<0.01	<0.014	0.01	<0.0005	<0.001	<0.07	1104.15

Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Nickel (mg/L)	**Lead (mg/L)**	**Zinc (mg/L)**	**Manganese (mg/L)**	**Iron (mg/L)**	**Mercury (mg/L)**	**Fluoride (mg/L)**	**Ammonia as N (mgN/L)**	**Nitrite as N (mgN/L)**	**Nitrate as N (mgN/L)**	**Total Phosphorus (mg/L)**	**Total Organic Carbon (mg/L)**	**Organochlorine Pesticides (mg/L)**	**Organophosphorus Pesticides (mg/L)**	**Phenolic Compounds (mg/L)**	**Polynuclear Aromatic Hydrocarbons (mg/L)**	**BTEX (mg/L)**	**Total Petroleum Hydrocarbons (mg/L)**	**Standing Water Level (mAHD)**
0.00	<0.001	0.05	0.63	3.08	<0.0001	0.40	0.03	<0.01	0.04	0.29	3.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1104.89
																		1104.93
0.00	<0.001	0.02	0.48	<0.05	<0.0001	0.30	<0.01	<0.01	0.01	0.29	<1	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.24
0.00	< 0.001	0.01	0.48	2.47	< 0.0001	0.30	< 0.01	< 0.01	0.02	0.24	2.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.46
0.00	< 0.001	0.01	0.55	3.02	< 0.0001	0.30	0.01	< 0.01	0.02	0.27	< 1	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1104.71
	< 0.001	0.02	0.56	3.40	< 0.0001	0.25	0.02	< 0.005	0.02	0.26	0.5	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1102.16
	< 0.001	0.008	0.51	< 0.005	< 0.0001	0.22	0.02	< 0.005	0.02	0.19	0.7	<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1103.26
																		1103.65
	< 0.001	0.13	0.1	0.011	< 0.0001	0.22	0.05	< 0.005	0.18	0.16	1.8	<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1103.72

Annual	Annual	Annual	Annual	Annual	Annual	Annual	Biannual	Biannual	Biannual	Biannual	Biannual	Annual	Annual	Annual	Annual	Annual	Annual	Biannual
Nickel (mg/L)	**Lead (mg/L)**	**Zinc (mg/L)**	**Manganese (mg/L)**	**Iron (mg/L)**	**Mercury (mg/L)**	**Fluoride (mg/L)**	**Ammonia as N (mgN/L)**	**Nitrite as N (mgN/L)**	**Nitrate as N (mgN/L)**	**Total Phosphorus (mg/L)**	**Total Organic Carbon (mg/L)**	**Organochlorine Pesticides (mg/L)**	**Organophosphorus Pesticides (mg/L)**	**Phenolic Compounds (mg/L)**	**Polynuclear Aromatic Hydrocarbons (mg/L)**	**BTEX (mg/L)**	**Total Petroleum Hydrocarbons (mg/L)**	**Standing Water Level (mAHD)**
0.00	0.00	0.02	0.02	0.15	<0.0001	1.70	0.02	<0.01	4.50	<0.10	9.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.86
						1.7	0.02	0.02	4.41	0.05	1.0							1105.78
<0.001	<0.001	0.009	0.006	<0.05	<0.0001	1.5	<0.01	<0.01	4.58	0.09	2.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1106.09
-	-	-	-	-	-	< 0.1	< 0.01	< 0.01	0.04	< 0.01	1.0	-	-	-	-	-	-	1105.64
< 0.001	< 0.001	0.01	0.01	< 0.05	< 0.0001	1.50	0.01	< 0.01	4.24	0.02	3.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1106.45
																		1103.78
																		-
< 0.001	< 0.001	< 0.005	0.01	< 0.05	< 0.0001	1.50	< 0.01	< 0.01	3.91	0.02	2.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1106.76
																		1102.88
-	-	-	-	-	-	-	0.02	< 0.005	3.00	0.06	7.3	-	-	-	-	-	-	1104.28
																		1102.46
-	-	-	-	-	-	-	< 0.01	< 0.005	0.70	0.18	8.7	-	-	-	-	-	-	1110.93
	< 0.001	< 0.005	0.043	0.047	< 0.0001	1	0.03	< 0.005	0.49	0.61	5.3	<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1103.14
-	-	-	-	-	-	-	0.03	<0.005	0.43	0.37	11.0	-	-	-	-	-	-	1103.73
	< 0.001	0.019	0.053	0.11	< 0.0001	0.24	0.04	< 0.005	0.03	0.16	8.1	<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1105.77
-	-	-	-	-	-	-	0.01	< 0.005	16	0.73	2.3	-	-	-	-	-	-	1105.63
	< 0.001	0.033	0.089	0.13	< 0.0001	0.25	0.08	< 0.005	0.14	0.19	18.0	<0.01	<0.014	0.01	<0.0005	<0.001	<0.07	1105.33

Annual	Annual	Annual	Annual	Annual	Annual	Annual	Biannual	Biannual	Biannual	Biannual	Biannual	Annual	Annual	Annual	Annual	Annual	Annual	Biannual
Nickel (mg/L)	**Lead (mg/L)**	**Zinc (mg/L)**	**Manganese (mg/L)**	**Iron (mg/L)**	**Mercury (mg/L)**	**Fluoride (mg/L)**	**Ammonia as N (mgN/L)**	**Nitrite as N (mgN/L)**	**Nitrate as N (mgN/L)**	**Total Phosphorus (mg/L)**	**Total Organic Carbon (mg/L)**	**Organochlorine Pesticides (mg/L)**	**Organophosphorus Pesticides (mg/L)**	**Phenolic Compounds (mg/L)**	**Polynuclear Aromatic Hydrocarbons (mg/L)**	**BTEX (mg/L)**	**Total Petroleum Hydrocarbons (mg/L)**	**Standing Water Level (mAHD)**
																		1118.24
						0.2	0.02	<0.01	0.04	0.11	<1							1117.87
0.008	<0.001	0.014	0.127	<0.05	<0.0001	0.2	0.02	<0.01	0.01	1.06	3.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1118.17
																		1120.96
																		-
																		-
																		-
< 0.001	< 0.001	< 0.005	0.60	7.99	< 0.0001	0.60	< 0.01	< 0.01	0.03	0.06	5.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1119.85
																		1117.2
																		1117.2
																		-
																		-
																		-
																		-
																		-
																		-
																		-

Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Nickel (mg/L)	**Lead (mg/L)**	**Zinc (mg/L)**	**Manganese (mg/L)**	**Iron (mg/L)**	**Mercury (mg/L)**	**Fluoride (mg/L)**	**Ammonia as N (mgN/L)**	**Nitrite as N (mgN/L)**	**Nitrate as N (mgN/L)**	**Total Phosphorus (mg/L)**	**Total Organic Carbon (mg/L)**	**Organochlorine Pesticides (mg/L)**	**Organophosphorus Pesticides (mg/L)**	**Phenolic Compounds (mg/L)**	**Polynuclear Aromatic Hydrocarbons (mg/L)**	**BTEX (mg/L)**	**Total Petroleum Hydrocarbons (mg/L)**	**Standing Water Level (mAHD)**
0.00	<0.001	0.04	0.63	0.99	<0.0001	0.20	0.02	<0.01	0.03	0.30	<1	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1118.14
																		1118.13
0.001	<0.001	0.009	0.684	1.5	<0.0001	0.2	<0.01	<0.01	0.04	0.31	<1	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1118.26
< 0.001	< 0.001	< 0.005	0.53	< 0.05	< 0.0001	0.10	0.01	< 0.01	0.02	0.14	2.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1118.47
< 0.001	< 0.001	< 0.005	0.72	2.97	< 0.0001	0.10	< 0.01	< 0.01	< 0.01	0.41	1.0	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1119.48
	< 0.001	0.01	0.62	2.30	< 0.0001	0.11	0.02	< 0.005	0.09	0.33	1.2	<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1115.98
	< 0.001	< 0.005	0.43	0.014	< 0.0001	< 0.1	< 0.01	< 0.005	< 0.005	0.12	0.5	<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1115.19
																		1114.79
	< 0.001	0.076	< 0.001	0.012	< 0.0001	< 0.1	0.01	< 0.005	0.22	0.21	1.1	<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1114.93