

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 (μ S/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

Sampling Point 2 (Groundwater BH1S)

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual
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)
19-Nov-13	11-Dec-13		7.12	141	92	32	22	5	9
13-May-14	10-Jun-14		6.35	122	79	22	19	5	<1
5-Nov-14	4-Dec-14		6.25	95	62	11	18	6	<1
6-May-15	28-May-15		6.27	92	60	11	15	5	< 1
23-Nov-15	17-Dec-15		6.25	90	58	12	13	5	< 1
19-May-16	Insufficient								
5-Sep-16	21-Sep-16		6.38	113	73	29	12	6	3
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
1-May-19	Insufficient								
11-Nov-19	Insufficient								
7-Jul-20	24-Jul-20		6.2	170	95	27	3.3	33	7.4

Sampling Point 3 (Groundwater BH1D)

Sampling Frequency (where liquid is present)			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)

Date Sampled	Date Obtained	Date Published	pH (pH units)	Electrical Conductivity (μ S/cm)	Total Dissolved Solids (mg/L)	Total Alkalinity as CaCO ₃ (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Calcium (mg/L)
20-Nov-13	Insufficient Recharge								
13-May-14	10-Jun-14		7.57	535	348	220	9	36	5
5-Nov-14	4-Dec-14		7.53	626	407	272	21	36	9
6-May-15	28-May-15		7.38	577	375	230	10	36	8
23-Nov-15	17-Dec-15		7.1	552	359	211	8	42	10
19-May-16	Insufficient								
5-Sep-16	21-Sep-16		6.63	415	270	141	8	40	4
7-Nov-16	2-Dec-16		6.73	359	233	121	7	32	2
17-May-17	Insufficient								
13-Nov-17	10-Jan-18		6.7	590	360	250	10	32	5.1
28-May-18	Insufficient								
14-Nov-18	21-Jan-19		6.5	580	410	220	9	29	11
1-May-19	23-Jul-19		6.7	530	380	250	10	29	10
11-Nov-19	29-Jan-20		6.7	550	380	230	9.4	40	8.8
7-Jul-20	24-Jul-20		6.5	370	240	140	14	21	31

Sampling Point 6 (Groundwater BH3D)

Sampling Frequency (where liquid is present)			Annual	Annual	Annual	Annual	Annual	Annual	Annual
Date Sampled	Date Obtained	Date Published	pH (pH units)	Electrical Conductivity (μ S/cm)	Total Dissolved Solids (mg/L)	Total Alkalinity as CaCO ₃ (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Calcium (mg/L)
20-Nov-13	Piezometer Blocked								
25-Feb-14	14-Mar-14		7.43	292	190	111	10	10	16
13-May-14	10-Jun-14								
5-Nov-14	4-Dec-14		6.86	191	124	75	7	12	4
23-Nov-15	17-Dec-15		6.88	191	124	67	6	12	5
7-Nov-16	2-Dec-16		6.58	179	116	63	6	11	5
13-Nov-17	Insufficient								
28-May-18	28-Jun-18		6.3	180	150	74	6.6	13	4.8
1-May-19	23-Jul-19		6.1	200	150	72	7.2	14	4.7
11-Nov-19	29-Jan-20								
7-Jul-20	24-Jul-20		6.9	220	150	88	7.3	18	5.7

28-May-18	28-Jun-18		6.7	220	150	110	4.5	4.7	13
1-May-19	23-Jul-19		6.5	250	140	120	5.2	5.1	15
11-Nov-19	29-Jan-20								
7-Jul-20	24-Jul-20		7.2	290	180	110	9.7	24	13

Sampling Point 9 (Groundwater BH5)

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual
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)
20-Nov-13	11-Dec-13		7.79	1360	884	468	186	42	14
13-May-14	10-Jun-14		8.02	1420	923	545	159	49	14
5-Nov-14	4-Dec-14		7.64	1400	910	534	180	40	12
6-May-15	28-May-15		6.02	115	75	26	10	11	3
23-Nov-15	17-Dec-15		7.86	1380	897	517	172	37	13
19-May-16	Insufficient								
5-Sep-16	Insufficient								
7-Nov-16	2-Dec-16		7.7	1280	832	453	152	33	13
17-May-17	Insufficient								
13-Nov-17	10-Jan-18		7.1	1200	660	460	160	36	12
28-May-18	Insufficient								
14-Nov-18	21-Jan-19		7.1	460	290	170	40	19	12
1-May-19	23-Jul-19		7.1	620	380	250	66	18	12
11-Nov-19	29-Jan-20		7.3	400	260	150	32	22	12
7-Jul-20	24-Jul-20		7.8	360	230	160	23	14	24

Sampling Point 10 (Groundwater BH6S)

Sampling Frequency (where liquid is present)			Biannual	Biannual	Biannual	Biannual	Biannual	Biannual	Biannual
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)
19-Nov-13	Insufficient Recharge								
13-May-14	10-Jun-14		7.42	262	170	134	3	5	4

5-Nov-14	4-Dec-14		6.98	496	322	198	9	37	<1
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
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								

Sampling Point 11 (Groundwater BH6D)

Sampling Frequency (where liquid is present)			Annual	Annual	Annual	Annual	Annual	Annual	Annual
Date Sampled	Date Obtained	Date Published	pH (pH units)	Electrical Conductivity (μ S/cm)	Total Dissolved Solids (mg/L)	Total Alkalinity as CaCO ₃ (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	Calcium (mg/L)
19-Nov-13	11-Dec-13		7.42	244	159	114	3	6	6
13-May-14	10-Jun-14								
5-Nov-14	4-Dec-14		7.27	268	174	140	5	5	5
23-Nov-15	17-Dec-15		7.5	246	160	123	3	5	6
7-Nov-16	2-Dec-16		7.1	221	144	82	4	16	4
13-Nov-17	Insufficient								
28-May-18	28-Jun-18		6.9	220	140	99	3.3	11	5.1
1-May-19	23-Jul-19		6.6	230	110	100	4.3	6.9	4.8
11-Nov-19	29-Jan-20								
7-Jul-20	24-Jul-20		7.4	230	150	110	5.5	8.3	5.1

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)	Nickel (mg/L)
11	98	1								
19	98	<1	1.42	0.007	0.21	0.0002	0.003	0.018	0.013	0.003
22	91	<1	-	-	-	-	-	-	-	-
18	99	3	1.4	0.005	0.157	0.0005	0.004	0.124	0.02	0.02
15	58	<1	-	-	-	-	-	-	-	-
16	50	<1	4.2	0.009	0.589	0.0002	0.006	0.121	0.09	0.01
16	100	0.5	-	-	-	-	-	-	-	-
15	100	1	-	-	-	-	-	-	-	-
15	100	0.5	0.029	0.001	0.18	<0.0001	<0.001	0.002	0.007	
14	96	0.3	-	-	-	-	-	-	-	-
9	31	0.9	0.27	<0.001	0.13	<0.0001	<0.001	0.002	0.001	

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)	Nickel (mg/L)
13	16	1	0.16	<0.001	0.081	0.0002	0.001	0.017	<0.001	0.01
12	16	2	0.02	<0.001	0.049	<0.0001	<0.001	<0.001	<0.001	0.00
13	14	1	<0.01	<0.001	0.046	<0.0001	<0.001	<0.001	<0.001	0.00
12	13	2	0.01	<0.001	0.052	<0.0001	<0.001	<0.001	<0.001	0.00
13	15	1.5	<0.005	<0.001	0.068	<0.0001	<0.001	<0.001	<0.001	
13	14	1.5	<0.005	<0.001	0.059	<0.0001	<0.001	<0.001	<0.001	
13	19	1.6	0.012	<0.001	0.061	<0.0001	<0.001	0.001	<0.001	

19	72	1	0.01	<0.001	0.232	<0.0001	<0.001	<0.001	0.004	0.008
50	178	< 1	< 0.01	0.005	0.444	< 0.0001	< 0.001	< 0.001	0.00	< 0.001

Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
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)	Nickel (mg/L)
19	14	3	0.08	0.005	0.031	<0.0001	<0.001	0.002	0.00	0.00
21	16	3	<0.01	0.009	0.02	<0.0001	<0.001	<0.001	0.001	0.001
21	14	3	0.02	0.001	0.009	< 0.0001	< 0.001	< 0.001	< 0.001	< 0.001
18	10	2	< 0.01	0.01	0.011	< 0.0001	< 0.001	< 0.001	0.00	< 0.001
19	12	2.6	< 0.005	9	0.012	< 0.0001	< 0.001	< 0.001	0.00	
19	11	2.5	< 0.005	0.004	0.009	< 0.0001	< 0.001	< 0.001	0.002	
18	12	2.4	0.012	0.001	0.013	< 0.0001	< 0.001	0.001	< 0.001	

0.00	0.038	0.04	0.52	<0.0001	<0.1	0.02	<0.01	0.02	0.24	<1
<0.001	0.037	0.03	<0.05	<0.0001	<0.1	0.01	<0.01	0.05	0.19	2.0
<0.001	0.033	0.03	<0.05	<0.0001	<0.1	0.02	<0.01	0.13	0.02	5.0
<0.001	0.026	0.02	<0.05	<0.0001	0.10	<0.01	<0.01	0.12	0.02	4.0
<0.001	0.017	0.02	6.00	<0.0001	<0.1	0.01	<0.005	0.08	<0.02	0.6
<0.001	0.035	0.027	0.006	<0.0001	<0.1	0.03	<0.005	0.17	0.03	0.4
<0.001	0.078	0.016	0.008	<0.0001	<0.1	0.07	<0.005	0.45	0.06	0.9

Annual	Annual	Annual	Annual	Annual	Annual	Biannual	Biannual	Biannual	Biannual	Biannual
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)
0.00	0.05	0.20	0.95	<0.0001	<0.1	0.03	<0.01	16.70	0.58	<1
<0.001	0.016	0.05	<0.05	<0.0001	<0.1	<0.01	<0.01	15.4	0.95	<1
-	-	-	-	-	<0.1	<0.01	0.01	18.3	0.74	1.0
<0.001	0.01	0.06	<0.05	<0.0001	<0.1	0.06	<0.01	17.10	0.91	7.0
<0.001	0.01	0.04	<0.05	<0.0001	0.20	<0.01	<0.01	16.60	0.13	2.0
-	-	-	-	-	-	0.04	<0.005	17.00	0.69	1.0
<0.001	0.03	0.10	<0.005	<0.0001	<0.1	0.07	<0.005	16.00	1.50	1.7
-	-	-	-	-	-	<0.01	<0.005	17.00	1.70	1.8
<0.001	0.13	0.28	<0.005	<0.0001	<0.1	0.03	0.01	16.00	3.30	1.4

Annual	Annual	Annual	Annual	Annual	Annual	Biannual	Biannual	Biannual	Biannual	Biannual
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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)
					0.8	0.08	<0.01	<0.01	0.34	6.0
0.005	0.044	0.964	0.72	<0.0001	0.9	0.08	<0.01	<0.01	3.68	14.0
-	-	-	-	-	0.7	0.03	< 0.01	0.01	1.67	2.0
0.16	0.20	0.68	0.92	< 0.0001	0.80	0.06	< 0.01	0.02	1.35	5.0
-	-	-	-	-	0.60	0.06	< 0.01	0.08	3.22	2.0
0.02	0.07	1.34	3.75	< 0.0001	0.60	0.04	< 0.01	0.03	2.38	2.0
-	-	-	-	-	-	0.02	< 0.005	< 0.05	1.70	4.9
-	-	-	-	-	-	0.02	< 0.005	6.60	1.40	4.5
< 0.001	0.005	0.61	0.014	< 0.0001	0.63	0.03	< 0.005	1.90	2.20	2.3
-	-	-	-	-	-	0.04	<0.005	0.35	0.89	2.6
< 0.001	0.058	0.14	0.13	< 0.0001	< 0.1	0.04	< 0.005	3.00	0.31	3.3

Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
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)
0.01	0.06	0.04	0.08	0.00	0.30	<0.01	<0.01	0.11	0.46	1.0
<0.001	0.01	0.01	<0.05	<0.0001	0.20	<0.01	<0.01	0.19	0.09	<1
< 0.001	0.01	0.02	< 0.05	< 0.0001	0.20	< 0.01	< 0.01	0.08	0.11	6.0
< 0.001	0.01	0.00	< 0.05	< 0.0001	0.30	< 0.01	< 0.01	0.12	0.09	1.0
< 0.001	0.01	0.00	0.01	< 0.0001	0.16	< 0.01	< 0.005	0.07	0.08	0.6
< 0.001	0.006	0.003	< 0.005	< 0.0001	0.12	0.02	< 0.005	0.06	0.10	0.4
< 0.001	0.088	0.005	0.011	< 0.0001	0.16	0.03	< 0.005	0.06	0.10	0.7

Annual	Annual	Annual	Annual	Annual	Annual	Biannual	Biannual	Biannual	Biannual	Biannual
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)
<0.001	0.006	1.5	1.43	<0.0001	0.6	0.12	<0.01	0.08	0.72	14.0
< 0.001	< 0.005	2.66	0.33	< 0.0001	0.40	0.06	< 0.01	0.09	0.34	5.0
-	-	-	-	-	0.70	0.06	< 0.01	0.06	0.48	7.0
< 0.001	0.023	3.2	0.009	< 0.0001	0.73	0.07	< 0.005	0.06	0.19	9.9

Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
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)
<0.001	0.05	0.63	3.08	<0.0001	0.40	0.03	<0.01	0.04	0.29	3.0
<0.001	0.02	0.48	<0.05	<0.0001	0.30	<0.01	<0.01	0.01	0.29	<1
< 0.001	0.01	0.48	2.47	< 0.0001	0.30	< 0.01	< 0.01	0.02	0.24	2.0
< 0.001	0.01	0.55	3.02	< 0.0001	0.30	0.01	< 0.01	0.02	0.27	< 1

< 0.001	0.02	0.56	3.40	< 0.0001	0.25	0.02	< 0.005	0.02	0.26	0.5
< 0.001	0.008	0.51	< 0.005	< 0.0001	0.22	0.02	< 0.005	0.02	0.19	0.7
< 0.001	0.13	0.1	0.011	< 0.0001	0.22	0.05	< 0.005	0.18	0.16	1.8

Annual	Annual	Annual	Annual	Annual	Annual	Biannual	Biannual	Biannual	Biannual	Biannual
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)
0.00	0.02	0.02	0.15	<0.0001	1.70	0.02	<0.01	4.50	<0.10	9.0
					1.7	0.02	0.02	4.41	0.05	1.0
<0.001	0.009	0.006	<0.05	<0.0001	1.5	<0.01	<0.01	4.58	0.09	2.0
-	-	-	-	-	< 0.1	< 0.01	< 0.01	0.04	< 0.01	1.0
< 0.001	0.01	0.01	< 0.05	< 0.0001	1.50	0.01	< 0.01	4.24	0.02	3.0
< 0.001	< 0.005	0.01	< 0.05	< 0.0001	1.50	< 0.01	< 0.01	3.91	0.02	2.0
-	-	-	-	-	-	0.02	< 0.005	3.00	0.06	7.3
-	-	-	-	-	-	< 0.01	< 0.005	0.70	0.18	8.7
< 0.001	< 0.005	0.043	0.047	< 0.0001	1	0.03	< 0.005	0.49	0.61	5.3
-	-	-	-	-	-	0.03	<0.005	0.43	0.37	11.0
< 0.001	0.019	0.053	0.11	< 0.0001	0.24	0.04	< 0.005	0.03	0.16	8.1

Annual	Annual	Annual	Annual	Annual	Annual	Biannual	Biannual	Biannual	Biannual	Biannual
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)
					0.2	0.02	<0.01	0.04	0.11	<1

<0.001	0.014	0.127	<0.05	<0.0001	0.2	0.02	<0.01	0.01	1.06	3.0
< 0.001	< 0.005	0.60	7.99	< 0.0001	0.60	< 0.01	< 0.01	0.03	0.06	5.0

Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
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)
<0.001	0.04	0.63	0.99	<0.0001	0.20	0.02	<0.01	0.03	0.30	<1
<0.001	0.009	0.684	1.5	<0.0001	0.2	<0.01	<0.01	0.04	0.31	<1
< 0.001	< 0.005	0.53	< 0.05	< 0.0001	0.10	0.01	< 0.01	0.02	0.14	2.0
< 0.001	< 0.005	0.72	2.97	< 0.0001	0.10	< 0.01	< 0.01	< 0.01	0.41	1.0
< 0.001	0.01	0.62	2.30	< 0.0001	0.11	0.02	< 0.005	0.09	0.33	1.2
< 0.001	< 0.005	0.43	0.014	< 0.0001	< 0.1	< 0.01	< 0.005	< 0.005	0.12	0.5
< 0.001	0.076	< 0.001	0.012	< 0.0001	< 0.1	0.01	< 0.005	0.22	0.21	1.1

Annual	Annual	Annual	Annual	Annual	Annual	Biannual
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	<0.014	<0.014	<0.0005	<0.001	<0.07	1110.46
						1110.07
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1110.88
-	-	-	-	-	-	1112.2
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1112.05
						1109.45
-	-	-	-	-	-	1113.41
						1112.73
						1109.5
						1109.37
						1109.37
-	-	-	-	-	-	1110.93
						-
						-
<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1113.19

Annual	Annual	Annual	Annual	Annual	Annual	Annual
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)

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
						1104.56
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1104.83
-	-	-	-	-	-	1104.87
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.1
						1103.59
-	-	-	-	-	-	1105.53
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.32
						1103.63
-	-	-	-	-	-	1103.43
						1101.92
-	-	-	-	-	-	1103.2
<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1102.74
-	-	-	-	-	-	1102.98
<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1104.17

Annual Organochlorine Pesticides (mg/L)	Annual Organophosphorus Pesticides (mg/L)	Annual Phenolic Compounds (mg/L)	Annual Polynuclear Aromatic Hydrocarbons (mg/L)	Annual BTEX (mg/L)	Annual Total Petroleum Hydrocarbons (mg/L)	Annual Standing Water Level (mAHD)
						* Standing Water Level unlikely to be accurate due to blockage. 1104.92
<0.010	<0.014	<0.014	<0.0005	<0.001	<0.07	1103.82* replacement
						1104.62 replacement
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1104.72
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.02
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.2
						-
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1101.95
<0.01	<0.014	0.09	<0.0005	<0.001	<0.07	1102.26
						1102.94
<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1103.74

Annual	Annual	Annual	Annual	Annual	Annual	Biannual
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
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1104.72
						1104.24
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.1
						1101.5
-	-	-	-	-	-	1105.18
						1104.8
						1101.42
						1101.72
						-
						1101.47
						1101.95
						1101.91
<0.01	<0.014	<0.01	<0.0005	<0.001	<0.07	1104.81

Annual	Annual	Annual	Annual	Annual	Annual	Annual
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	<0.014	<0.014	<0.0005	<0.001	<0.07	1104.89
						1104.93
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.24
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.46
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1104.71

<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1102.16
<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1103.26
						1103.65
<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1103.72

Annual	Annual	Annual	Annual	Annual	Annual	Biannual
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	<0.014	<0.014	<0.0005	<0.001	<0.07	1105.86
						1105.78
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1106.09
-	-	-	-	-	-	1105.64
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1106.45
						1103.78
						-
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1106.76
						1102.88
-	-	-	-	-	-	1104.28
						1102.46
-	-	-	-	-	-	1110.93
<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1103.14
-	-	-	-	-	-	1103.73
<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1105.77

Annual	Annual	Annual	Annual	Annual	Annual	Biannual
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
						1117.87

<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1118.17
						1120.96
						-
						-
						-
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1119.85
						1117.2
						1117.2
						-
						-
						-
						-

Annual Organochlorine Pesticides (mg/L)	Annual Organophosphorus Pesticides (mg/L)	Annual Phenolic Compounds (mg/L)	Annual Polynuclear Aromatic Hydrocarbons (mg/L)	Annual BTEX (mg/L)	Annual Total Petroleum Hydrocarbons (mg/L)	Annual Standing Water Level (mAHD)
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1118.14
						1118.13
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1118.26
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1118.47
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1119.48
<0.01	<0.014	<0.014	<0.0005	<0.001	<0.07	1115.98
<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1115.19
						1114.79
<0.01	<0.014	< 0.01	<0.0005	<0.001	<0.07	1114.93