

Regional Infrastructure Pty Ltd
Central Tablelands Livestock Exchange (CTLX)
4860 Mid Western Highway
EPL 12630
Livestock intensive activity - animal accomodation

Sampling Point 1 (Effluent MP1)

Sampling Frequency (during discharge)			Quarterly	Quarterly	Quarterly
Date Sampled	Date Obtained	Date Published	pH (pH units)	Sodium Adsorption Ratio (SAR)	Electrical Conductivity (µS/cm)
20-Jun-12	28-Jun-12		7.98	1.81	1400
24-Sep-12	18-Jan-13		8.12	1.95	2340
3-Dec-12	18-Jan-13		8.15	2.27	1480
4-Mar-13	16-May-13		7.83	2.06	1640
19-Jun-13	11-Jul-13		7.93	2.21	1930
2-Sep-13	2-Oct-13		8.04	2.33	1900
2-Dec-13	21-Jan-14		7.92	2.25	2060
12-Mar-14	29-Apr-14		7.93	2.60	1930
11-Jun-14	23-Jul-14		8.05	2.78	2080
4-Sep-14	25-Sep-14		8.12	2.48	2080
2-Dec-14	13-Jan-15		7.97	2.80	2140
4-Mar-15	13-Mar-15		8.25	3.00	2060
15-Jun-15	2-Jul-15		7.95	2.81	2140
7-Sep-15	8-Oct-15		8.07	2.60	1960
7-Dec-15	15-Jan-16		8.00	2.42	2180
15-Mar-16	13-May-16		8.28	2.88	2160
2-Jun-16	29-Jun-16		7.94	3.08	2210
7-Sep-16	28-Oct-16		7.99	2.00	1520
8-Dec-16	22-Dec-16		7.83	2.22	1310
6-Apr-17	24-Apr-17		7.93	2.18	1720
21-Aug-17	6-Sep-17		8.06	2.20	1860
15-Jan-18	25-Jan-18		7.97	2.89	2040
30-Apr-18	17-May-18		8.04	2.62	2270
25-Jul-18	13-Aug-18		8.10	2.70	2330
18-Dec-18	21-Feb-19		8.08	2.83	2230
10-Jan-19	21-Feb-19		7.69	3.09	2200
3-May-19	15-Jul-19		7.90	2.95	2060
13-Jan-20	19-Feb-20		7.80	3.58	2710
23-Mar-20	22-Apr-20		8.02	3.02	2660
2-Jul-20	20-Jul-20		8.00	3.42	2600
22-Sep-20	20-Nov-20		8.10	2.88	2300
17-Nov-20	26-Nov-20		8.01	3.02	2520
29-Mar-21	30-Apr-21		8.16	3.12	2120
23-Jun-21	8-Jul-21		8.27	2.86	2130
21-Sep-21	1-Oct-21		8.11	2.38	1700
14-Dec-21	5-Jan-22		8.22	2.33	1560
23-Mar-22	5-Apr-22		8.61	2.47	1490
22-Jun-22	6-Jul-22		8.11	2.06	1630
13-Sep-22	21-Oct-22		7.92	1.91	1200
13-Dec-22	30-Jan-23		8.05	1.91	1070
17-Apr-23	13-Jun-23		7.94	1.69	1260
22-Jun-23	19-Jul-23		7.87	1.96	1280
14-Sep-23	28-Sep-23		7.90	2.10	1400
7-Dec-23	6-Feb-24		8.07	2.52	1390
26-Mar-24	30-Apr-24		7.87	2.48	1510
22-Jun-24	25-Jul-24		8.14	2.28	1720
12-Sep-24	4-Nov-24		7.96	2.22	1620

5-Dec-24	15-Jan-25		7.73	2.22	1610
27-Mar-25	2-May-25		7.97	2.52	1850
23-Jun-25	5-Aug-25		8.13	2.22	1800

Sampling Point 2 (Groundwater MP2)

Sampling Frequency (where liquid is present)			Quarterly	Quarterly	Quarterly
Date Sampled	Date Obtained	Date Published	pH (pH units)	Electrical Conductivity (µS/cm)	Nitrate as N (mgN/L)
16-Apr-12					
18-May-12					
20-Jun-12	28-Jun-12		7.16	616	0.59
17-Jul-12					
14-Aug-12					
24-Sep-12	18-Jan-13		7.50	639	0.59
14-Oct-12					
13-Nov-12					
3-Dec-12	18-Jan-13		7.53	625	0.78
24-Jan-13					
22-Feb-13					
4-Mar-13	16-May-13		7.05	616	0.79
16-Apr-13					
16-May-13					
19-Jun-13	11-Jul-13		7.20	636	0.89
26-Jul-13					
23-Aug-13					
2-Sep-13	2-Oct-13		7.29	629	0.82
17-Oct-13					
21-Nov-13					
2-Dec-13	21-Jan-14		6.87	633	0.72
15-Jan-14					
19-Feb-14					
12-Mar-14	29-Apr-14		7.08	644	0.81
7-Apr-14					
12-May-14					
11-Jun-14	23-Jul-14		6.96	632	0.45
9-Jul-14					
6-Aug-14					
4-Sep-14	25-Sep-14		7.32	645	0.56
8-Oct-14					
11-Nov-14					
2-Dec-14	13-Jan-15		7.35	641	0.45
14-Jan-15					
2-Feb-15					
4-Mar-15					
15-Jun-15	2-Jul-15		6.9	638	0.56
7-Sep-15	8-Oct-15		7.14	615	0.53
7-Dec-15	15-Jan-16		7.27	668	0.45
15-Mar-16	13-May-16		7.43	632	0.65
2-Jun-16	29-Jun-16		7.02	646	0.34
7-Sep-16	28-Oct-16		6.91	634	0.56
8-Dec-16	22-Dec-16		7.19	604	0.84
6-Apr-17	24-Apr-17		7.13	636	0.75
21-Aug-17	6-Sep-17		7.54	605	0.35
11-Dec-17					
15-Jan-18	25-Jan-18		7.29	617	0.63
16-Feb-18					
9-Mar-18					

30-Apr-18	17-May-18		7.18	614	0.64
25-May-18					
14-Jun-18					
25-Jul-18	13-Aug-18		7.12	621	0.79
16-Aug-18					
12-Sep-18					
26-Oct-18					
23-Nov-18					
18-Dec-18	21-Feb-19		7	588	0.69
10-Jan-19	21-Feb-19		6.8	620	0.07
14-Feb-19					
20-Mar-19					
11-Apr-19					
15-May-19	15-Jul-19		7.32	473	0.21
19-Jun-19					
17-Jul-19					
7-Aug-19					
12-Sep-19					
17-Oct-19					
14-Nov-19					
5-Dec-19					
13-Jan-20	19-Feb-20		7.36	674	0.31
18-Feb-20					
23-Mar-20	22-Apr-20		7.23	626	0.17
30-Apr-20					
21-May-20					
24-Jun-20					
2-Jul-20	20-Jul-20		7.34	771	0.72
13-Aug-20					
22-Sep-20	20-Nov-20		7.34	574	----
10-Oct-20					
17-Nov-20	26-Nov-20		7.21	661	0.98
7-Dec-20					
11-Jan-21					
10-Feb-21					
29-Mar-21	30-Apr-21		7.83	602	0.86
12-Apr-21					
20-May-21					
23-Jun-21	8-Jul-21		6.67	562	0.16
23-Jul-21					
20-Aug-21					
21-Sep-21	1-Oct-21		7.37	428	1.14
4-Oct-21					
8-Nov-21					
14-Dec-21	5-Jan-22		8.19	441	1.38
20-Jan-22					
19-Feb-22					
23-Mar-22	5-Apr-22		8.38	584	0.46
15-Apr-22					
15-May-22					
22-Jun-22	6-Jul-22		7.78	518	1.55
JUL					
AUG					
13-Sep-22	21-Oct-22		7.57	482	1.04
OCT					
NOV					
13-Dec-22	30-Jan-23		7.3	361	0.79
JAN					
FEB					

MAR					
17-Apr-23	13-Jun-23		7.01	415	0.83
MAY					
22-Jun-23	19-Jul-23		6.68	528	0.97
JUL					
AUG					
14-Sep-23	28-Sep-23		7.27	559	0.62
OCT					
NOV					
7-Dec-23	6-Feb-24		7.49	550	0.42
JAN					
FEB					
26-Mar-24	30-Apr-24		7.27	574	0.77
APR					
MAY					
22-Jun-24	25-Jul-24		7.39	596	0.82
JUL					
AUG					
12-Sep-24	4-Nov-24		7.33	563	<0.01
OCT					
NOV					
5-Dec-24	15-Jan-25		7.04	578	0.44
JAN					
FEB					
27-Mar-25	2-May-25		7.44	619	0.78
APR					
MAY					
23-Jun-25	5-Aug-25		7.27	551	0.28

Sampling Point 3 (Groundwater MP3)

Sampling Frequency (where liquid is present)			Quarterly	Quarterly	Quarterly
Date Sampled	Date Obtained	Date Published	pH (pH units)	Electrical Conductivity (µS/cm)	Nitrate as N (mgN/L)
16-Apr-12					
18-May-12					
20-Jun-12	28-Jun-12		6.99	466	0.02
17-Jul-12					
14-Aug-12					
24-Sep-12	18-Jan-13		7.36	476	0.02
14-Oct-12					
13-Nov-12					
3-Dec-12	18-Jan-13		7.45	470	0.06
24-Jan-13					
22-Feb-13					
4-Mar-13	16-May-13		6.95	454	0.12
16-Apr-13					
16-May-13					
19-Jun-13	11-Jul-13		7.07	482	0.06
26-Jul-13					
23-Aug-13					
2-Sep-13	2-Oct-13		7.17	494	0.06
17-Oct-13					
21-Nov-13					
2-Dec-13	21-Jan-14		6.79	484	0.04
15-Jan-14					
19-Feb-14					

12-Mar-14	29-Apr-14		6.76	505	0.11
7-Apr-14					
12-May-14					
11-Jun-14	23-Jul-14		6.71	505	0.04
9-Jul-14					
6-Aug-14					
4-Sep-14	25-Sep-14		7.09	518	0.07
8-Oct-14					
11-Nov-14					
2-Dec-14	13-Jan-15		7.20	517	0.05
14-Jan-15					
2-Feb-15					
4-Mar-15					
15-Jun-15	2-Jul-15		6.54	496	0.08
7-Sep-15	8-Oct-15		6.95	465	0.16
7-Dec-15	15-Jan-16		6.95	499	0.09
15-Mar-16	13-May-16		7.16	494	0.12
2-Jun-16	29-Jun-16		6.8	513	0.11
7-Sep-16	28-Oct-16		6.64	534	0.18
8-Dec-16	22-Dec-16		6.94	550	0.23
6-Apr-17	24-Apr-17		6.8	575	0.15
21-Aug-17	6-Sep-17		7.2	571	0.08
11-Dec-17					
15-Jan-18	25-Jan-18		7.29	565	0.05
16-Feb-18					
9-Mar-18					
30-Apr-18	17-May-18		6.83	569	0.13
25-May-18					
14-Jun-18					
25-Jul-18	13-Aug-18		7.04	598	0.7
16-Aug-18					
12-Sep-18					
26-Oct-18					
23-Nov-18					
18-Dec-18	21-Feb-19		6.71	521	0.1
10-Jan-19	21-Feb-19		6.64	545	0.22
14-Feb-19					
20-Mar-19					
11-Apr-19					
15-May-19	15-Jul-19		6.9	429	0.11
19-Jun-19					
17-Jul-19					
7-Aug-19					
12-Sep-19					
17-Oct-19					
14-Nov-19					
5-Dec-19					
13-Jan-20	19-Feb-20		7.16	588	0.09
18-Feb-20					
23-Mar-20	22-Apr-20		6.93	562	0.22
30-Apr-20					
21-May-20					
24-Jun-20					
2-Jul-20	20-Jul-20		7.16	619	0.2
13-Aug-20					
22-Sep-20	20-Nov-20		7.34	564	----
10-Oct-20					
17-Nov-20	26-Nov-20		7.4	656	0.37
7-Dec-20					

11-Jan-21					
10-Feb-21					
29-Mar-21	30-Apr-21		7.73	605	0.22
12-Apr-21					
20-May-21					
23-Jun-21	8-Jul-21		7	601	0.05
23-Jul-21					
20-Aug-21					
21-Sep-21	1-Oct-21		7.32	651	0.29
4-Oct-21					
8-Nov-21					
14-Dec-21	5-Jan-22		8.24	640	0.12
20-Jan-22					
19-Feb-22					
23-Mar-22	5-Apr-22		8.28	652	0.13
15-Apr-22					
15-May-22					
22-Jun-22	6-Jul-22		7.53	667	0.13
JUL					
AUG					
13-Sep-22	21-Oct-22		7.7	675	0.29
OCT					
NOV					
13-Dec-22	30-Jan-23		7.28	687	0.27
JAN					
FEB					
MAR					
17-Apr-23	13-Jun-23		6.58	606	0.12
MAY					
22-Jun-23	19-Jul-23		6.57	577	0.16
JUL					
AUG					
14-Sep-23	28-Sep-23		6.81	652	0.2
OCT					
NOV					
7-Dec-23	6-Feb-24		7.31	663	0.12
JAN					
FEB					
26-Mar-24	30-Apr-24		6.98	618	0.13
APR					
MAY					
22-Jun-24	25-Jul-24		7.21	630	0.12
JUL					
AUG					
12-Sep-24	4-Nov-24		7.2	640	<0.01
OCT					
NOV					
5-Dec-24	15-Jan-25		6.9	636	0.15
JAN					
FEB					
27-Mar-25	2-May-25		6.89	646	0.11
APR					
MAY					
23-Jun-25	5-Aug-25		7.18	588	0.12

Sampling Point 4 (Groundwater MP4)

Sampling Frequency (where liquid is present)	Quarterly	Quarterly	Quarterly
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Date Sampled	Date Obtained	Date Published	pH (pH units)	Electrical Conductivity (μ S/cm)	Nitrate as N (mgN/L)
16-Apr-12					
18-May-12					
20-Jun-12	28-Jun-12		7.16	567	0.32
17-Jul-12					
14-Aug-12					
24-Sep-12	18-Jan-13		7.42	616	0.34
14-Oct-12					
13-Nov-12					
3-Dec-12	18-Jan-13		7.57	544	0.34
24-Jan-13					
22-Feb-13					
4-Mar-13	16-May-13		7.12	539	0.4
16-Apr-13					
16-May-13					
19-Jun-13	11-Jul-13		7.13	494	0.14
26-Jul-13					
23-Aug-13					
2-Sep-13	2-Oct-13		7.33	542	0.41
17-Oct-13					
21-Nov-13					
2-Dec-13	21-Jan-14		6.95	558	0.40
15-Jan-14					
19-Feb-14					
12-Mar-14	29-Apr-14		6.97	562	0.44
7-Apr-14					
12-May-14					
11-Jun-14	23-Jul-14		7.17	553	0.42
9-Jul-14					
6-Aug-14					
4-Sep-14	25-Sep-14		7.18	567	0.48
8-Oct-14					
11-Nov-14					
2-Dec-14	13-Jan-15		7.38	559	0.46
14-Jan-15					
2-Feb-15					
4-Mar-15					
15-Jun-15	2-Jul-15		6.84	559	0.51
7-Sep-15	8-Oct-15		7.15	527	0.56
7-Dec-15	15-Jan-16		7.19	579	0.59
15-Mar-16	13-May-16		7.44	554	0.59
2-Jun-16	29-Jun-16		6.93	574	0.62
7-Sep-16	28-Oct-16		6.78	588	0.67
8-Dec-16	22-Dec-16		7.16	558	0.66
6-Apr-17	24-Apr-17		6.97	607	0.71
21-Aug-17	6-Sep-17		7.34	530	0.68
11-Dec-17					
15-Jan-18	25-Jan-18		7.28	597	0.66
16-Feb-18					
9-Mar-18					
30-Apr-18	17-May-18		7.11	596	0.74
25-May-18					
14-Jun-18					
25-Jul-18	13-Aug-18		6.87	569	0.14
16-Aug-18					
12-Sep-18					
26-Oct-18					

23-Nov-18					
18-Dec-18	21-Feb-19		6.83	562	0.69
10-Jan-19	21-Feb-19		6.93	582	0.73
14-Feb-19					
20-Mar-19					
11-Apr-19					
15-May-19	15-Jul-19		7.11	465	0.74
19-Jun-19					
17-Jul-19					
7-Aug-19					
12-Sep-19					
17-Oct-19					
14-Nov-19					
5-Dec-19					
13-Jan-20	19-Feb-20		7.31	650	0.72
18-Feb-20					
23-Mar-20	22-Apr-20		7.16	598	0.78
30-Apr-20					
21-May-20					
24-Jun-20					
2-Jul-20	20-Jul-20		7.52	673	1.18
13-Aug-20					
22-Sep-20	20-Nov-20		7.6	621	----
10-Oct-20					
17-Nov-20	26-Nov-20		7.61	700	1.01
7-Dec-20					
11-Jan-21					
10-Feb-21					
29-Mar-21	30-Apr-21		7.8	647	0.81
12-Apr-21					
20-May-21					
23-Jun-21	8-Jul-21		7.27	615	0.28
23-Jul-21					
20-Aug-21					
21-Sep-21	1-Oct-21		7.58	665	0.97
4-Oct-21					
8-Nov-21					
14-Dec-21	5-Jan-22		8.27	616	0.78
20-Jan-22					
19-Feb-22					
23-Mar-22	5-Apr-22		8.29	643	0.75
15-Apr-22					
15-May-22					
22-Jun-22	6-Jul-22		7.73	644	1.17
JUL					
AUG					
13-Sep-22	21-Oct-22		7.86	640	1.05
OCT					
NOV					
13-Dec-22	30-Jan-23		7.31	598	0.68
JAN					
FEB					
MAR					
17-Apr-23	13-Jun-23		6.81	567	0.58
MAY					
22-Jun-23	19-Jul-23		6.8	537	0.76
JUL					
AUG					
14-Sep-23	28-Sep-23		7.2	562	0.58

OCT					
NOV					
7-Dec-23	6-Feb-24		7.65	596	0.73
JAN					
FEB					
26-Mar-24	30-Apr-24		7.1	591	0.63
APR					
MAY					
22-Jun-24	25-Jul-24		7.29	596	0.6
JUL					
AUG					
12-Sep-24	4-Nov-24		7.3	603	<0.01
OCT					
NOV					
5-Dec-24	15-Jan-25		7.08	577	0.58
JAN					
FEB					
27-Mar-25	2-May-25		7.24	604	0.5
APR					
MAY					
23-Jun-25	5-Aug-25		7.19	541	0.55

Sampling Point 5 (Groundwater MP5)

Sampling Frequency (where liquid is present)			Quarterly	Quarterly	Quarterly
Date Sampled	Date Obtained	Date Published	pH (pH units)	Electrical Conductivity (µS/cm)	Nitrate as N (mgN/L)
16-Apr-12					
18-May-12					
20-Jun-12	28-Jun-12		7.11	292	1.92
17-Jul-12					
14-Aug-12					
24-Sep-12	18-Jan-13		7.42	616	0.34
14-Oct-12					
13-Nov-12					
3-Dec-12	18-Jan-13		7.59	318	2.57
24-Jan-13					
22-Feb-13					
4-Mar-13	16-May-13		7.22	329	2.18
16-Apr-13					
16-May-13					
19-Jun-13	11-Jul-13		7.27	330	2.28
26-Jul-13					
23-Aug-13					
2-Sep-13	2-Oct-13		7.33	321	2.85
17-Oct-13					
21-Nov-13					
2-Dec-13	21-Jan-14		6.98	318	2.42
15-Jan-14					
19-Feb-14					
12-Mar-14	29-Apr-14		6.88	305	2.26
7-Apr-14					
12-May-14					
11-Jun-14	23-Jul-14		6.91	313	2.5
9-Jul-14					
6-Aug-14					
4-Sep-14	25-Sep-14		7.29	334	3.18

8-Oct-14					
11-Nov-14					
2-Dec-14	13-Jan-15		7.53	312	2.62
14-Jan-15					
2-Feb-15					
4-Mar-15					
15-Jun-15	2-Jul-15		6.89	333	2.55
7-Sep-15	8-Oct-15		7.58	321	2.69
7-Dec-15	15-Jan-16		7.23	349	2.78
15-Mar-16	13-May-16		7.59	329	2.52
2-Jun-16	29-Jun-16		7.02	333	2.66
7-Sep-16	28-Oct-16		6.78	618	21.7
8-Dec-16	22-Dec-16		7.09	537	15.2
6-Apr-17	24-Apr-17		6.89	529	13.2
21-Aug-17	6-Sep-17		7.41	483	9.85
11-Dec-17					
15-Jan-18	25-Jan-18		7.3	422	6.66
16-Feb-18					
9-Mar-18					
30-Apr-18	17-May-18		7.24	405	5.61
25-May-18					
14-Jun-18					
25-Jul-18	13-Aug-18		6.97	425	5.42
16-Aug-18					
12-Sep-18					
26-Oct-18					
23-Nov-18					
18-Dec-18	21-Feb-19		6.92	378	4.72
10-Jan-19	21-Feb-19		7	397	5.14
14-Feb-19					
20-Mar-19					
11-Apr-19					
15-May-19	15-Jul-19		7.29	265	4.56
19-Jun-19					
17-Jul-19					
7-Aug-19					
12-Sep-19					
17-Oct-19					
14-Nov-19					
5-Dec-19					
13-Jan-20	19-Feb-20		7.35	523	10.3
18-Feb-20					
23-Mar-20	22-Apr-20		7.34	457	7.52
30-Apr-20					
21-May-20					
24-Jun-20					
2-Jul-20	20-Jul-20		7.33	378	4.46
13-Aug-20					
22-Sep-20	20-Nov-20		7.31	919	----
10-Oct-20					
17-Nov-20	26-Nov-20		7.15	795	22.3
7-Dec-20					
11-Jan-21					
10-Feb-21					
29-Mar-21	30-Apr-21		7.77	622	14.5
12-Apr-21					
20-May-21					
23-Jun-21	8-Jul-21		7.29	531	0.12
23-Jul-21					

20-Aug-21					
21-Sep-21	1-Oct-21		7.3	1180	56.4
4-Oct-21					
8-Nov-21					
14-Dec-21	5-Jan-22		8.14	869	24.6
20-Jan-22					
19-Feb-22					
23-Mar-22	5-Apr-22		8.27	772	19.4
15-Apr-22					
15-May-22					
22-Jun-22	6-Jul-22		7.67	534	7.64
JUL					
AUG					
13-Sep-22	21-Oct-22		7.53	769	24.3
OCT					
NOV					
13-Dec-22	30-Jan-23		7.37	922	42.7
JAN					
FEB					
MAR					
17-Apr-23	13-Jun-23		6.86	646	17.2
MAY					
22-Jun-23	19-Jul-23		6.73	678	11.5
JUL					
AUG					
14-Sep-23	28-Sep-23		6.91	764	9.13
OCT					
NOV					
7-Dec-23	6-Feb-24		7.51	690	10.8
JAN					
FEB					
26-Mar-24	30-Apr-24		7.17	576	8.86
APR					
MAY					
22-Jun-24	25-Jul-24		7.45	610	8.52
JUL					
AUG					
12-Sep-24	4-Nov-24		7.27	687	<0.01
OCT					
NOV					
5-Dec-24	15-Jan-25		7.26	605	9.62
JAN					
FEB					
27-Mar-25	2-May-25		7.29	545	6.52
APR					
MAY					
23-Jun-25	5-Aug-25		7.24	451	6.33

Sampling Point 6 (Soils of effluent irrigation area, average of topsoil and subsoil)

Sampling Frequency (where application has occurred)			Annual	Annual	Annual
Date Sampled	Date Obtained	Date Published	pH (pH units)	Electrical Conductivity (µS/cm)	Cation Exchange Capacity (cmol+/kg)
24-Sep-12	18-Jan-13		5.75	23.5	2.5
2-Sep-13	2-Oct-13		6.25	32.5	4.6
30-Sep-14	15-Oct-14		7.45	47	3.95
27-Oct-15	17-Nov-15		6.8	11	3.15

07-Sep-16	28-Oct-16		7.3	30	3.95
15-Jan-18	25-Jan-18		7.5	187.5	6.3
10-Jan-19	21-Feb-19		4.5	731.5	3.05
13-Jan-20	19-Feb-20		7.3	190	11.05
29-Mar-21	30-Apr-21		6.3	43.5	6.7
23-Mar-22	5-Apr-22		7.3	44.5	6
17-Apr-23	13-Jun-23		7.35	81	6.75
26-Mar-24	30-Apr-24		7.6	44	2.7
27-Mar-25	2-May-25		7.5	100.5	5.35

Quarterly	Quarterly	Quarterly	Quarterly	Quarterly	Quarterly	Quarterly
Total Suspended Solids (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Ammonia as N (mgN/L)	Nitrate + Nitrite as N (mgN/L)
55	45	25	61	214	26.3	<0.01
40	42	24	64	222	31.6	<0.10
226	46	29	80	290	1.77	20.1
94	56	30	77	259	15.2	0.02
104	57	30	83	256	46.9	0.03
68	53	29	85	251	37.1	<0.10
258	78	33	94	249	42.8	5.66
136	70	38	109	319	8.5	1.79
39	64	37	113	266	31.4	<0.10
70	61	32	96	259	45.4	<0.10
260	59	34	109	299	27.2	3.72
41	45	30	106	281	12.2	0.02
66	59	37	105	368	46.2	<0.05
104	55	33	99	300	48.4	< 0.1
318	61	34	95	334	44.0	0.02
96	61	35	114	374	26.0	<0.01
109	53	31	114	370	47.3	<0.10
51	44	25	67	218	38.2	0.22
302	38	24	71	202	16.8	5.2
50	43	24	72	238	29.0	<0.01
69	53	30	81	259	53.0	<0.01
88	47	31	104	332	39.6	<0.01
101	63	37	106	330	52.0	<0.10
68	64	39	111	317	50.6	0.02
133	55	35	109	276	35.8	0.1
532	60	40	126	375	1.8	13.7
2.95	68	45	128	370	22.3	<0.10
2030	72	59	169	486	16.6	0.03
131	56	42	123	300	18.3	<0.10
85	58	45	143	415	28.5	0.06
65	44	30	101	252	35.8	0.11
472	56	40	121	359	48.6	0.1
151	48	40	121	360	14.9	0.08
79	56	38	113	337	34.4	<0.01
75	43	30	83	240	29.3	0.02
330	38	26	76	214	29.1	0.15
38	38	29	83	250	11.0	0.58
46	42	26	69	215	29.4	<0.10
46	36	22	59	175	19.5	0.25
70	31	22	57	144	10.9	0.35
25	40	19	52	163	13.2	<0.01
<5	41	24	64	200	16.0	<0.01
52	36	22	65	213	32.4	0.02
27	33	24	78	261	14.6	6.2
77	40	27	83	262	10.8	0.55
55	46	26	78	248	36.2	<0.01
58	43	25	74	255	39.8	<0.10

110	44	26	75	256	20.7	2.18
78	47	30	90	299	24.2	<0.10
67	56	32	84	280	42.0	<0.01

Quarterly Total Phosphorus (mg/L)	Monthly Standing Water Level (mAHD)
0.33	850.61
0.47	851.18
0.32	851.43
	851.40
	851.30
0.4	851.35
	851.37
	851.40
0.32	851.43
	851.37
	851.45
0.22	851.40
	851.50
	851.55
0.27	851.54
	851.65
	851.65
1.01	851.63
	851.75
	851.78
0.26	851.71
	851.80
	851.85
0.18	851.89
	852.00
	852.10
0.20	852.23
	852.25
	852.15
	852.09
0.83	852.11
0.5	852.35
0.12	851.81
0.25	852.78
0.4	852.68
0.11	851.93
0.41	855.19
0.12	854.85
0.16	853.85
	854.3
0.34	854.45
	854.45
	854.5

0.31	854.57
	854.55
	854.65
0.23	854.64
	854.65
	854.65
	855.15
	855.05
0.16	854.85
0.38	854.65
	854.45
	854.65
	855.15
0.14	854.85
	854.65
	854.45
	854.27
	854.5
	854.65
	854.75
	855.15
0.12	854.37
	854.28
0.06	854.33
	854.45
	854.27
	854.25
0.34	854.38
	854.45
0.24	854.53
	854.57
0.16	854.61
	854.65
	854.71
	854.75
0.17	854.85
	855.25
	855.35
1.03	858.36
	855.35
	855.65
0.19	855.66
	855.85
	856.35
0.28	856.75
	856.65
	856.74
0.14	856.71
	856.71
	856.72
0.26	856.72
0.17	857.45
0.15	858.77

0.66	858.32
0.23	858.02
0.15	858.68
0.3	858.83
0.15	858.35
0.17	858.17
0.07	858.28
0.69	858.57
0.15	858.21
0.39	858.01

Quarterly Total Phosphorus (mg/L)	Monthly Standing Water Level (mAHD)
0.1	852.36
0.23	852.91
0.09	853.08
	853.01
	852.96
0.05	852.89
	852.91
	852.93
<0.01	852.89
	852.93
	852.95
0.07	852.97
	853.06
	853.11
0.05	853.21
	853.61
	853.41

1.90	853.09
	853.13
	853.17
0.19	853.09
	853.16
	853.21
0.08	853.29
	853.31
	853.41
0.26	853.45
	853.56
	853.51
	853.49
0.17	853.39
0.05	854.19
0.04	854.37
0.04	853.86
0.15	854.35
0.04	855.47
0.09	856.47
0.03	856.00
0.1	855.41
	855.21
3.19	855.21
	855.31
	855.36
0.12	855.42
	855.41
	855.46
0.13	855.41
	855.36
	855.31
	855.16
	855.11
0.05	854.94
0.22	855.08
	855.01
	855.11
	854.98
0.04	855.26
	855.21
	855.31
	855.21
	854.81
	854.71
	854.91
	855.21
0.04	854.61
	854.41
0.05	854.55
	853.71
	852.81
	849.06
0.16	846.04
	853.01
0.07	856.15
	855.71
0.07	855.58
	855.56

	855.2
	855.21
0.07	855.17
	855.31
	855.71
0.17	855.55
	856.11
	856.31
0.07	856.45
	856.71
	856.81
0.07	856.97
	857.01
	857.16
0.06	856.99
	857.21
	857.31
0.08	856.95
0.05	857.52
0.05	858.3
0.08	857.98
0.05	857.96
0.06	858.17
0.35	858.22
0.08	858.03
0.07	857.84
0.03	857.79
0.11	858.08
0.28	858.00
0.35	857.86

Quarterly	Monthly
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Total Phosphorus (mg/L)	Standing Water Level (mAHD)
1.08	851.46
1.30	852.88
1.26	852.01
	852.00
	851.95
0.52	851.99
	852.05
	852.05
0.07	852.06
	852.07
	852.10
0.57	852.14
	852.20
	852.25
0.79	852.35
	852.55
	852.35
0.90	852.35
	852.40
	852.50
0.21	852.43
	852.50
	852.45
0.45	852.69
	852.75
	852.85
0.15	852.80
	852.90
	852.85
	852.85
0.31	852.88
0.16	853.17
0.18	853.4
0.07	853.45
0.22	853.45
0.24	854.11
0.19	855.04
0.15	855.01
0.16	854.95
	854.95
0.16	854.93
	854.85
	854.8
0.2	854.75
	854.75
	854.75
0.09	854.77
	854.85
	854.75
	854.75

	854.8
0.14	854.72
0.18	854.68
	854.75
	854.82
	854.95
0.26	854.92
	854.87
	854.79
	854.65
	854.68
	854.84
	854.95
	855.05
0.26	854.65
	854.45
0.12	854.42
	854.55
	854.7
	854.65
0.13	854.67
	854.85
0.18	854.99
	854.85
0.12	855.2
	855.15
	855.21
	855.25
0.17	855.2
	855.25
	855.25
0.83	855.16
	855.45
	855.55
0.14	855.68
	855.95
	856.05
0.3	856.14
	856.15
	856.25
0.21	856.45
	856.24
	856.3
0.21	856.41
0.22	856.78
0.26	857.61
0.17	857.6
0.13	857.6
0.15	857.73

0.15	857.83
0.15	857.77
0.15	857.65
0.03	857.68
0.15	857.89
0.05	857.84
0.16	857.7

Quarterly Total Phosphorus (mg/L)	Monthly Standing Water Level (mAHD)
0.28	847.93
1.30	848.05
0.74	848.01
	847.97
	847.87
0.35	847.92
	847.94
	847.87
0.27	847.83
	847.77
	847.80
0.30	847.83
	847.87
	847.87
0.12	847.92
	847.92
	847.82
0.85	847.80
	847.87
	847.93
0.15	847.83
	847.82
	847.87
0.23	847.96

	847.97
	847.92
0.30	847.98
	848.07
	848.12
	848.11
0.2	848.01
0.1	847.91
0.12	848.28
0.06	848.16
0.17	848.10
0.08	849.57
0.16	849.93
0.06	848.81
0.12	849.02
	848.82
0.16	848.72
	848.62
	848.52
0.12	848.26
	848.22
	848.27
0.09	848.24
	848.32
	848.27
	848.32
	848.22
0.09	848.1
0.09	849.12
	848.22
	848.67
	848.12
0.07	848.32
	848.27
	848.32
	848.42
	848.22
	848.32
	848.52
	848.67
0.09	848.12
	848.04
0.07	847.54
	848.02
	847.97
	847.82
0.18	847.69
	848.12
0.09	848.28
	848.12
0.24	848.16
	848.12
	848.16
	848.22
0.1	848.14
	848.42
	848.92
11.4	848.19
	849.42

	849.52
0.02	849.69
	849.62
	849.52
0.04	849.41
	849.52
	849.62
0.08	849.01
	849.52
	849.42
0.07	849.32
0.06	850.17
0.06	850.37
0.11	849.73
0.02	850.23
0.05	849.97
0.08	849.68
0.09	850.13
0.12	850.55
0.02	850.4
0.13	850.26
0.05	850.15
0.09	850.02

Annual	Annual	Annual	Annual	Annual	Annual
Exchangeable Sodium Percentage (%)	Nitrate as N (mgN/kg)	Total Kjeldahl Nitrogen (mgN/kg)	Total Nitrogen (mg/kg)	Organic Carbon (%)	Reactive Phosphorus (mg/kg)
1.05	<0.55*	180	180	0.295	0.65
0.95	2.4	430	430	0.55	<0.1
1.4	1.4	430	430	0.65	8.7
8.95	1.05	410	410	0.53	0.65

*Nox

<0.2	1.05	405	405	0.355	5.6
4.7	33.85	935	970	10.6	0.695
11.35	7.35	655	660	0.675	<0.1
42.25	45.9	1130	1175	1.14	8.25
3.3	3.25	420	420	0.35	1.00
1.7	5.85	500	500	0.525	15.3
0.5	13.8	1075	1090	1.085	12.9
<0.2	5.0*	750	755	0.95	7.15
1.6	8.15	850	855	1.6	6.1

Quarterly	Quarterly	Quarterly	Quarterly	Quarterly	Quarterly
Total Kjeldahl Nitrogen (mgN/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Reactive Phosphorus (mg/L)	Oil and Grease (mg/L)	Biochemical Oxygen Demand
32.2	32.2	21.0	16.6	<5	24
53.9	53.9	21.9	17.3	<5	21
29	49.1	21.8	19.1	<5	78
38.1	38.1	20.0	19	<5	60
56.9	56.9	20.5	18.4	<5	28
68.4	68.4	23.9	17.9	<5	29
68.7	74.4	22.9	20.6	<5	82
37.2	39	27.0	19.5	<5	89
52.1	52.1	25.7	21.9	<5	<2
63.9	63.9	25.6	20.8	8	14
69.2	72.9	29.0	21.7	<5	223
32.2	32.2	23.8	15.5	12	16
68.2	68.2	26.6	24	13	19
77.00	77.00	24.6	15.7	30	36
78.7	78.7	26.0	78.7	18	8
43.3	43.3	18.0	17.3	24	3
50.9	50.9	22.1	21.2	10	17
51.1	51.3	17.1	14.3	10	10
61	66.2	18.9	13.1	<5	54
48.7	48.7	21.4	14.5	6	26
79.6	79.6	17.6	17.2	11	24
79.7	25.7	25.7	19.1	5	190
72	72	29.5	24	13	42
74.6	74.6	24.4	22.8	7	40
35.7	35.8	25.9	19.6	9	244
52.5	66.2	30.8	18.2	-	139
44	44	24.9	17.6	-	177
68.8	68.8	36.4	15.3	-	148
37.8	37.8	27.8	22	9	74
38	38.1	21.6	18.2	7	<2
66.2	66.3	27.4	14.6	9	44
72.5	72.6	22.3	13.3	7	28
27.7	27.8	20.5	19.5	7	89
52.3	52.3	25.6	15.9	8	30
52.8	52.8	20.5	12.4	6	22
61.4	61.6	19.0	1.46	<5	43
22.2	22.8	17.2	1.23	<5	7
43.5	43.5	21.2	13.8	<5	24
31.2	31.4	15.1	11.4	7	20
24.4	24.8	14.7	11.7	21	18
27	27	17.9	14.8	<5	7
26.3	26.3	18.2	17.4	<5	44
49.5	49.5	19.2	<0.01	<5	17
36.2	42.4	17.7	14.5	<5	20
26.9	27.4	22.9	15.3	9	62
47.9	47.9	23.2	15.5	13	24
57.6	57.6	20.2	12.8	5	32

50.4	52.6	23.3	14.8	10	76
42.9	42.9	24.6	17.6	<5	69
71	71	27.9	1.51	8	22