



21-Nov-13							851.55
2-Dec-13	21-Jan-14		6.87	633	0.72	0.27	851.54
15-Jan-14							851.65
19-Feb-14							851.65
12-Mar-14	29-Apr-14		7.08	644	0.81	1.01	851.63
7-Apr-14							851.75
12-May-14							851.78
11-Jun-14	23-Jul-14		6.96	632	0.45	0.26	851.71
9-Jul-14							851.80
6-Aug-14							851.85
4-Sep-14	25-Sep-14		7.32	645	0.56	0.18	851.89
8-Oct-14							852.00
11-Nov-14							852.10
2-Dec-14	13-Jan-15		7.35	641	0.45	0.20	852.23
14-Jan-15							852.25
2-Feb-15							852.15
4-Mar-15							852.09
15-Jun-15	2-Jul-15		6.9	638	0.56	0.83	852.11
7-Sep-15	8-Oct-15		7.14	615	0.53	0.5	852.35
7-Dec-15	15-Jan-16		7.27	668	0.45	0.12	851.81
15-Mar-16	13-May-16		7.43	632	0.65	0.25	852.78
2-Jun-16	29-Jun-16		7.02	646	0.34	0.4	852.68
7-Sep-16	28-Oct-16		6.91	634	0.56	0.11	851.93
8-Dec-16	22-Dec-16		7.19	604	0.84	0.41	855.19
6-Apr-17	24-Apr-17		7.13	636	0.75	0.12	854.85
21-Aug-17	6-Sep-17		7.54	605	0.35	0.16	853.85
11-Dec-17							854.3
15-Jan-18	25-Jan-18		7.29	617	0.63	0.34	854.45
16-Feb-18							854.45
9-Mar-18							854.5
30-Apr-18	17-May-18		7.18	614	0.64	0.31	854.57
25-May-18							854.55
14-Jun-18							854.65
25-Jul-18	13-Aug-18		7.12	621	0.79	0.23	854.64
16-Aug-18							854.65
12-Sep-18							854.65
26-Oct-18							855.15
23-Nov-18							855.05
18-Dec-18	21-Feb-19		7	588	0.69	0.16	854.85
10-Jan-19	21-Feb-19		6.8	620	0.07	0.38	854.65
14-Feb-19							854.45
20-Mar-19							854.65
11-Apr-19							855.15
15-May-19	15-Jul-19		7.32	473	0.21	0.14	854.85
19-Jun-19							854.65
17-Jul-19							854.45
7-Aug-19							854.27
12-Sep-19							854.5
17-Oct-19							854.65
14-Nov-19							854.75
5-Dec-19							855.15
13-Jan-20	19-Feb-20		7.36	674	0.31	0.12	854.37
18-Feb-20							854.28
23-Mar-20	22-Apr-20		7.23	626	0.17	0.06	854.33
30-Apr-20							854.45
21-May-20							854.27
24-Jun-20							854.25
2-Jul-20	20-Jul-20		7.34	771	0.72	0.34	854.38
13-Aug-20							854.45
22-Sep-20	20-Nov-20		7.34	574	---	0.24	854.53
10-Oct-20							854.57
17-Nov-20	26-Nov-20		7.21	661	0.98	0.16	854.61
7-Dec-20							854.65
11-Jan-21							854.71
FEB							
29-Mar-21	30-Apr-21		7.83	602	0.86	0.17	854.85
APR							
MAY							
23-Jun-21	8-Jul-21		6.67	562	0.16	1.03	858.36
JUL							
AUG							
21-Sep-21	1-Oct-21		7.37	428	1.14	0.19	855.66



12-Sep-19							854.81
17-Oct-19							854.71
14-Nov-19							854.91
5-Dec-19							855.21
13-Jan-20	19-Feb-20		7.16	588	0.09	0.04	854.61
18-Feb-20							854.41
23-Mar-20	22-Apr-20		6.93	562	0.22	0.05	854.55
30-Apr-20							853.71
21-May-20							852.81
24-Jun-20							849.06
2-Jul-20	20-Jul-20		7.16	619	0.2	0.16	846.04
13-Aug-20							853.01
22-Sep-20	20-Nov-20		7.34	564	---	0.07	856.15
10-Oct-20							855.71
17-Nov-20	26-Nov-20		7.4	656	0.37	0.07	855.58
7-Dec-20							855.56
11-Jan-21							855.2
FEB							
29-Mar-21	30-Apr-21		7.73	605	0.22	0.07	855.17
APR							
MAY							
23-Jun-21	8-Jul-21		7	601	0.05	0.17	855.55
JUL							
AUG							
21-Sep-21	1-Oct-21		7.32	651	0.29	0.07	856.45

Sampling Point 4 (Groundwater MP4)

Sampling Frequency (where liquid is present)			Quarterly	Quarterly	Quarterly	Quarterly	Monthly
Date Sampled	Date Obtained	Date Published	pH (pH units)	Electrical Conductivity (µS/cm)	Nitrate as N (mgN/L)	Total Phosphorus (mg/L)	Standing Water Level (mAHD)
16-Apr-12							
18-May-12							
20-Jun-12	28-Jun-12		7.16	567	0.32	1.08	851.46
17-Jul-12							
14-Aug-12							
24-Sep-12	18-Jan-13		7.42	616	0.34	1.30	852.88
14-Oct-12							
13-Nov-12							
3-Dec-12	18-Jan-13		7.57	544	0.34	1.26	852.01
24-Jan-13							852.00
22-Feb-13							851.95
4-Mar-13	16-May-13		7.12	539	0.4	0.52	851.99
16-Apr-13							852.05
16-May-13							852.05
19-Jun-13	11-Jul-13		7.13	494	0.14	0.07	852.06
26-Jul-13							852.07
23-Aug-13							852.10
2-Sep-13	2-Oct-13		7.33	542	0.41	0.57	852.14
17-Oct-13							852.20
21-Nov-13							852.25
2-Dec-13	21-Jan-14		6.95	558	0.40	0.79	852.35
15-Jan-14							852.55
19-Feb-14							852.35
12-Mar-14	29-Apr-14		6.97	562	0.44	0.90	852.35
7-Apr-14							852.40
12-May-14							852.50
11-Jun-14	23-Jul-14		7.17	553	0.42	0.21	852.43
9-Jul-14							852.50
6-Aug-14							852.45
4-Sep-14	25-Sep-14		7.18	567	0.48	0.45	852.69
8-Oct-14							852.75
11-Nov-14							852.85
2-Dec-14	13-Jan-15		7.38	559	0.46	0.15	852.80
14-Jan-15							852.90
2-Feb-15							852.85
4-Mar-15							852.85
15-Jun-15	2-Jul-15		6.84	559	0.51	0.31	852.88
7-Sep-15	8-Oct-15		7.15	527	0.56	0.16	853.17
7-Dec-15	15-Jan-16		7.19	579	0.59	0.18	853.4
15-Mar-16	13-May-16		7.44	554	0.59	0.07	853.45



19-Jun-13	11-Jul-13		7.27	330	2.28	0.27	847.83
26-Jul-13							847.77
23-Aug-13							847.80
2-Sep-13	2-Oct-13		7.33	321	2.85	0.30	847.83
17-Oct-13							847.87
21-Nov-13							847.87
2-Dec-13	21-Jan-14		6.98	318	2.42	0.12	847.92
15-Jan-14							847.92
19-Feb-14							847.82
12-Mar-14	29-Apr-14		6.88	305	2.26	0.85	847.80
7-Apr-14							847.87
12-May-14							847.93
11-Jun-14	23-Jul-14		6.91	313	2.5	0.15	847.83
9-Jul-14							847.82
6-Aug-14							847.87
4-Sep-14	25-Sep-14		7.29	334	3.18	0.23	847.96
8-Oct-14							847.97
11-Nov-14							847.92
2-Dec-14	13-Jan-15		7.53	312	2.62	0.30	847.98
14-Jan-15							848.07
2-Feb-15							848.12
4-Mar-15							848.11
15-Jun-15	2-Jul-15		6.89	333	2.55	0.2	848.01
7-Sep-15	8-Oct-15		7.58	321	2.69	0.1	847.91
7-Dec-15	15-Jan-16		7.23	349	2.78	0.12	848.28
15-Mar-16	13-May-16		7.59	329	2.52	0.06	848.16
2-Jun-16	29-Jun-16		7.02	333	2.66	0.17	848.10
7-Sep-16	28-Oct-16		6.78	618	21.7	0.08	849.57
8-Dec-16	22-Dec-16		7.09	537	15.2	0.16	849.93
6-Apr-17	24-Apr-17		6.89	529	13.2	0.06	848.81
21-Aug-17	6-Sep-17		7.41	483	9.85	0.12	849.02
11-Dec-17							848.82
15-Jan-18	25-Jan-18		7.3	422	6.66	0.16	848.72
16-Feb-18							848.62
9-Mar-18							848.52
30-Apr-18	17-May-18		7.24	405	5.61	0.12	848.26
25-May-18							848.22
14-Jun-18							848.27
25-Jul-18	13-Aug-18		6.97	425	5.42	0.09	848.24
16-Aug-18							848.32
12-Sep-18							848.27
26-Oct-18							848.32
23-Nov-18							848.22
18-Dec-18	21-Feb-19		6.92	378	4.72	0.09	848.1
10-Jan-19	21-Feb-19		7	397	5.14	0.09	849.12
14-Feb-19							848.22
20-Mar-19							848.67
11-Apr-19							848.12
15-May-19	15-Jul-19		7.29	265	4.56	0.07	848.32
19-Jun-19							848.27
17-Jul-19							848.32
7-Aug-19							848.42
12-Sep-19							848.22
17-Oct-19							848.32
14-Nov-19							848.52
5-Dec-19							848.67
13-Jan-20	19-Feb-20		7.35	523	10.3	0.09	848.12
18-Feb-20							848.04
23-Mar-20	22-Apr-20		7.34	457	7.52	0.07	847.54
30-Apr-20							848.02
21-May-20							847.97
24-Jun-20							847.82
2-Jul-20	20-Jul-20		7.33	378	4.46	0.18	847.69
13-Aug-20							848.12
22-Sep-20	20-Nov-20		7.31	919	---	0.09	848.28
10-Oct-20							848.12
17-Nov-20	26-Nov-20		7.15	795	22.3	0.24	848.16
7-Dec-20							848.12
11-Jan-21							848.16
FEB							
29-Mar-21	30-Apr-21		7.77	622	14.5	0.1	848.14
APR							
MAY							

23-Jun-21	8-Jul-21		7.29	531	0.12	11.4	848.19
JUL							
AUG							
21-Sep-21	1-Oct-21		7.3	1180	56.4	0.02	849.69

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

Sampling Frequency (where application has occurred)			Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
Date Sampled	Date Obtained	Date Published	pH (pH units)	Electrical Conductivity (µS/cm)	Cation Exchange Capacity (cmol+/kg)	Exchangeable Sodium Percentage (%)	Nitrate as N (mgN/kg)	Total Kjeldahl Nitrogen (mgN/kg)	Total Nitrogen (mg/kg)	Organic Carbon (%)	Reactive Phosphorus (mg/kg)
24-Sep-12	18-Jan-13		5.75	23.5	2.5	1.05	<0.55*	180	180	0.295	0.65
2-Sep-13	2-Oct-13		6.25	32.5	4.6	0.95	2.4	430	430	0.55	<0.1
30-Sep-14	15-Oct-14		7.45	47	3.95	1.4	1.4	430	430	0.65	8.7
27-Oct-15	17-Nov-15		6.8	11	3.15	8.95	1.05	410	410	0.53	0.65
07-Sep-16	28-Oct-16		7.3	30	3.95	<0.2	1.05	405	405	0.355	5.6
15-Jan-18	25-Jan-18		7.5	187.5	6.3	4.7	33.85	935	970	10.6	0.695
10-Jan-19	21-Feb-19		4.5	731.5	3.05	11.35	7.35	655	660	0.675	<0.1
13-Jan-20	19-Feb-20		7.3	190	11.05	42.25	45.9	1130	1175	1.14	8.25
29-Mar-21	30-Apr-21		6.3	43.5	6.7	3.3	3.25	420	420	0.35	1.00

\*Nox