

RLX Operating Company Pty Limited  
 Central Tablelands Livestock Exchange (CTLX)  
 4680 Mid Western Highway  
 EPL 12630  
 Livestock intensive activity- animal accommodation

Sampling Point 1 (Effluent MP1)

Sampling Frequency (during discharge)																		
Date Sampled	Date Obtained	Date Published	Quarterly pH (pH units)	Quarterly Sodium Adsorption Ratio (SAR)	Quarterly Electrical Conductivity (µS/cm)	Quarterly Total Suspended Solids (mg/L)	Quarterly Calcium (mg/L)	Quarterly Magnesium (mg/L)	Quarterly Sodium (mg/L)	Quarterly Potassium (mg/L)	Quarterly Ammonia as N (mg/L)	Quarterly Nitrate + Nitrite as N (mg/L)	Quarterly Total Kjeldahl Nitrogen (mg/L)	Quarterly Total Nitrogen (mg/L)	Quarterly Total Phosphorus (mg/L)	Quarterly Reactive Phosphorus (mg/L)	Quarterly Oil and Grease (mg/L)	Quarterly Biochemical Oxygen Demand
20-Jun-12	28-Jun-12		7.98	1.81	1400	55	45	25	61	214	26.3	<0.1	52.2	32.2	21.0	16.6	<5	24
24-Jun-12	18-Jan-13		8.12	1.95	2400	40	42	24	64	222	31.6	<0.10	53.9	53.9	21.9	17.3	<5	21
3-Dec-12	18-Jan-13		8.15	2.27	1480	226	46	29	80	290	1.77	20.1	29	49.1	21.8	19.1	<5	78
4-Mar-13	16-May-13		7.63	2.06	1640	94	56	30	77	259	15.2	0.02	38.1	38.1	20.0	19	<5	60
19-Jun-13	13-Jul-13		7.33	2.21	1930	104	37	30	83	256	46.9	0.03	66.9	56.9	20.5	18.4	<5	28
2-Sep-13	2-Oct-13		8.04	2.33	1900	68	53	29	85	251	37.1	<0.10	68.4	68.4	23.9	17.9	<5	29
2-Dec-13	21-Jan-14		7.92	2.25	2060	258	78	33	94	249	42.8	5.66	68.7	74.4	22.9	20.6	<5	82
12-Mar-14	29-Apr-14		7.93	2.60	1930	136	70	38	109	319	8.5	1.79	37.2	39	27.0	19.5	<5	89
11-Jun-14	23-Jul-14		8.05	2.78	2090	39	64	37	113	266	31.4	<0.10	52.1	52.1	25.7	21.9	<5	42
4-Sep-14	25-Sep-14		8.12	2.48	2080	70	61	32	96	259	45.4	<0.10	63.9	63.9	25.6	20.8	8	14
2-Dec-14	13-Jan-15		7.97	2.80	2140	260	59	34	109	299	27.2	3.72	69.2	72.9	29.0	21.7	<5	223
4-Mar-15	13-Mar-15		8.25	3.00	2060	41	45	30	106	281	12.2	0.02	32.2	32.2	23.8	15.5	12	16
15-Jun-15	2-Jul-15		7.95	2.81	2140	66	59	37	105	368	46.2	<0.05	68.2	68.2	26.6	24	13	19
7-Sep-15	8-Oct-15		8.07	2.60	1960	104	55	33	99	300	48.4	<0.1	77.00	77.00	24.6	15.7	30	36
7-Dec-15	15-Jan-16		8.00	2.42	2180	318	61	34	95	334	44.0	0.02	78.7	78.7	26.0	78.7	18	8
15-Mar-16	13-May-16		8.28	2.88	2160	96	61	35	114	374	26.0	<0.01	43.3	43.3	18.0	17.3	24	3
2-Jun-16	29-Jun-16		7.94	3.08	2210	109	53	31	114	370	47.3	<0.10	50.9	50.9	22.1	21.2	10	17
7-Sep-16	28-Oct-16		7.99	2.00	1620	51	44	25	67	218	38.2	0.22	51.1	51.1	17.1	14.3	10	10
8-Dec-16	22-Dec-16		7.83	2.22	1310	302	38	24	71	202	16.8	5.2	61	66.2	18.9	13.1	<5	54
6-Apr-17	24-Apr-17		7.93	2.18	1720	50	43	24	72	238	29.0	<0.01	48.7	48.7	21.4	14.5	6	26
21-Aug-17	6-Sep-17		8.06	2.06	1860	69	53	30	81	259	53.0	<0.01	79.6	79.6	17.6	17.2	11	24
15-Jan-18	25-Jan-18		7.97	2.89	2040	88	47	31	104	332	39.6	<0.01	79.7	25.7	25.7	19.1	5	190
30-Apr-18	17-May-18		8.04	2.62	2270	101	63	37	106	330	52.0	<0.10	72	72	29.5	24	13	42
25-Jul-18	13-Aug-18		8.10	2.70	2330	68	64	39	111	317	50.6	0.02	74.6	74.6	24.4	22.8	7	40
18-Dec-18	21-Feb-19		8.08	2.83	2230	133	55	35	109	276	35.8	0.1	35.7	35.8	25.9	19.6	9	244
10-Jan-19	21-Feb-19		7.69	3.09	2200	532	60	40	126	375	1.8	13.7	52.5	66.2	30.8	18.2	-	139
3-May-19	15-Jul-19		7.90	2.95	2060	262	68	45	128	370	22.3	<0.10	44	44	24.9	17.6	-	177
13-Jun-20	19-Feb-20		7.80	3.58	2710	2030	72	59	169	486	16.6	0.03	68.8	68.8	36.4	15.3	-	148
23-Mar-20	22-Apr-20		8.02	3.02	2690	131	56	42	123	300	18.3	<0.10	37.8	37.8	27.8	22	9	74
2-Jul-20	20-Jul-20		8.00	3.42	2600	85	58	45	143	415	26.5	0.06	38	38.1	21.6	18.2	7	42
22-Sep-20	20-Nov-20		8.10	2.88	2300	65	44	30	101	252	35.8	0.11	66.2	66.3	27.4	14.6	9	44
13-Jun-20	26-Nov-20		8.01	3.02	2520	472	56	40	121	359	48.6	0.1	72.5	72.6	22.3	13.3	7	28
28-Mar-21	30-Apr-21		8.16	3.12	2120	151	48	40	121	360	14.9	0.08	27.7	27.8	20.5	19.5	7	89
23-Jun-21	8-Jul-21		8.27	2.86	2130	70	56	38	113	337	34.4	<0.01	52.3	52.3	25.6	19.9	8	30
21-Sep-21	1-Oct-21		8.11	2.38	1700	75	43	30	83	240	29.3	0.02	52.8	52.8	20.5	12.4	6	22
14-Dec-21	5-Jan-22		8.22	2.33	1660	330	38	26	76	214	29.1	0.15	61.4	61.6	19.0	1.46	<5	43
23-Mar-22	5-Apr-22		8.61	2.47	1490	38	38	29	83	250	11.0	0.58	22.2	22.8	17.2	1.23	<5	7
22-Jun-22	6-Jul-22		8.11	2.06	1630	46	46	28	69	215	29.4	<0.10	43.5	43.5	21.2	13.8	<5	24
13-Sep-22	21-Oct-22		7.92	1.91	1200	46	36	22	59	175	19.5	0.25	31.2	31.4	15.1	11.4	7	20
13-Dec-22	30-Jan-23		8.05	1.91	1070	70	31	22	57	144	10.9	0.35	24.4	24.8	14.7	11.7	21	18
17-Apr-23	13-Jun-23		7.94	1.69	1260	25	40	19	52	163	13.2	<0.01	27	27	17.9	14.8	<5	7
22-Jun-23	19-Jul-23		7.87	1.96	1280	<5	41	24	64	200	16.0	<0.01	26.3	26.3	18.2	17.4	<5	44
14-Sep-23	28-Sep-23		7.90	2.10	1400	52	36	22	65	213	32.4	0.02	49.5	49.5	19.2	<0.01	<5	17
7-Dec-23	6-Feb-24		8.07	2.52	1390	27	33	24	78	261	14.6	6.2	36.2	42.4	17.7	14.5	<5	20
26-Mar-24	30-Apr-24		7.87	2.48	1510	77	40	27	83	262	10.8	0.35	26.9	27.4	22.9	15.3	9	62
2-Jun-24	25-Jun-24		8.14	2.28	1720	56	46	26	78	248	36.2	<0.01	47.9	47.9	23.2	15.5	13	24
12-Sep-24	4-Nov-24		7.96	2.22	1620	58	43	25	74	255	39.8	<0.10	57.6	57.6	20.2	12.8	5	32
5-Dec-24	15-Jan-25		7.73	2.22	1610	110	44	26	75	256	20.7	2.18	50.4	52.6	23.3	14.8	10	76

Sampling Point 2 (Groundwater MP2)

Sampling Frequency (where liquid is present)							
Date Sampled	Date Obtained	Date Published	Quarterly pH (pH units)	Quarterly Electrical Conductivity (µS/cm)	Quarterly Nitrate as N (mg/L)	Quarterly Total Phosphorus (mg/L)	Monthly Standing Water Level (mAHd)
16-Apr-12							
18-May-12							
20-Jun-12	28-Jun-12		7.16	616	0.59	0.33	850.61
17-Jul-12							
14-Aug-12							
24-Sep-12	18-Jan-13		7.50	639	0.59	0.47	851.18
14-Oct-12							
13-Nov-12							
3-Dec-12	18-Jan-13		7.53	625	0.78	0.32	851.43
24-Jan-13							851.40
22-Feb-13							851.30
4-Mar-13	16-May-13		7.05	616	0.79	0.4	851.35
16-Apr-13							851.37
16-May-13							851.40
19-Jun-13	11-Jul-13		7.20	636	0.89	0.32	851.43
26-Jul-13							851.37
16-Aug-13							851.45
2-Sep-13	2-Oct-13		7.29	629	0.82	0.22	851.40
17-Oct-13							851.50
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	852.03
14-Jan-15							852.25
2-Feb-15							852.15
4-Mar-15							852.09
15-Jun-15	2-Jul-15		6.9	638	0.58	0.83	852.11
7-Sep-15	8-Oct-15		7.14	615	0.53	0.15	852.65
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	854.65
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	854.65
19-Jun-19							



14-Dec-21	5-Jan-22		8.24	640	0.12	0.07	856.97
20-Jan-22							857.01
19-Feb-22							857.16
23-Mar-22	5-Apr-22		8.28	652	0.13	0.06	856.99
15-Apr-22							857.21
15-May-22							857.31
22-Jun-22	6-Jul-22		7.53	667	0.13	0.08	856.95
JUL							
AUG							
13-Sep-22	21-Oct-22		7.7	675	0.29	0.05	857.52
OCT							
NOV							
13-Dec-22	30-Jan-23		7.28	687	0.27	0.05	858.3
JAN							
FEB							
MAR							
17-Apr-23	13-Jun-23		6.58	606	0.12	0.08	857.98
MAY							
22-Jun-23	19-Jul-23		6.57	577	0.16	0.05	857.96
JUL							
AUG							
14-Sep-23	28-Sep-23		6.81	652	0.2	0.06	858.17
OCT							
NOV							
7-Dec-23	6-Feb-24		7.31	663	0.12	0.35	858.22
JAN							
FEB							
26-Mar-24	30-Apr-24		6.98	618	0.13	0.08	858.03
APR							
MAY							
22-Jun-24	25-Jul-24		7.21	630	0.12	0.07	857.84
JUL							
AUG							
12-Sep-24	4-Nov-24		7.2	640	<0.01	0.03	857.79
OCT							
NOV							
5-Dec-24	15-Jan-25		6.9	636	0.15	0.11	858.08

Sampling Point 4 (Groundwater MP4)

Date Sampled	Date Obtained	Date Published	Quarterly pH (pH units)	Quarterly Electrical Conductivity (µS/cm)	Quarterly Nitrate as N (mg/L)	Quarterly Total Phosphorus (mg/L)	Monthly Standing Water Level (mAHD)
16-Apr-12							852.55
18-May-12							851.46
20-Jun-12	28-Jun-12		7.16	567	0.32	1.08	852.10
17-Jul-12							852.88
14-Aug-12							852.01
24-Sep-12	18-Jan-13		7.42	616	0.34	1.30	852.01
14-Oct-12							852.00
13-Nov-12							851.95
3-Dec-12	18-Jan-13		7.57	544	0.34	1.26	851.99
24-Jan-13							852.05
22-Feb-13							852.06
4-Mar-13	16-May-13		7.12	539	0.4	0.52	852.07
16-Apr-13							852.10
16-May-13							852.14
19-Jun-13	11-Jul-13		7.13	494	0.14	0.07	852.20
26-Jul-13							852.25
23-Aug-13							852.35
2-Sep-13	2-Oct-13		7.33	542	0.41	0.57	852.55
17-Oct-13							852.35
21-Nov-13							852.40
2-Dec-13	21-Jan-14		6.95	558	0.40	0.79	852.50
15-Jan-14							852.35
19-Feb-14							852.35
12-Mar-14	29-Apr-14		6.97	562	0.44	0.90	852.40
7-Apr-14							852.50
12-May-14							852.43
11-Jun-14	23-Jul-14		7.17	553	0.42	0.21	852.50
9-Jul-14							852.45
6-Aug-14							852.69
4-Sep-14	25-Sep-14		7.18	567	0.48	0.45	852.75
8-Oct-14							852.85
11-Nov-14							852.80
2-Dec-14	13-Jan-15		7.38	559	0.46	0.15	852.85
14-Jan-15							852.85
2-Feb-15							852.85
4-Mar-15							852.88
15-Jun-15	2-Jul-15		6.84	559	0.51	0.31	853.17
7-Sep-15	8-Oct-15		7.15	627	0.56	0.16	853.4
7-Dec-15	15-Jan-16		7.19	579	0.59	0.18	853.45
15-Mar-16	13-May-16		7.44	564	0.59	0.07	853.45
2-Jun-16	29-Jun-16		6.93	574	0.62	0.22	854.11
7-Sep-16	28-Oct-16		6.78	588	0.67	0.24	855.04
8-Dec-16	22-Dec-16		7.16	558	0.66	0.19	855.01
6-Apr-17	24-Apr-17		6.97	607	0.71	0.15	855.01
21-Aug-17	6-Sep-17		7.34	530	0.68	0.16	854.95
11-Dec-17							854.65
15-Jan-18	25-Jan-18		7.28	597	0.66	0.16	854.93
16-Feb-18							854.85
9-Mar-18							854.8
30-Apr-18	17-May-18		7.11	596	0.74	0.2	854.75
25-May-18							854.75
14-Jun-18							854.75
25-Jul-18	13-Aug-18		6.87	569	0.14	0.09	854.77
16-Aug-18							854.85
12-Sep-18							854.75
26-Oct-18							854.75
23-Nov-18							854.8
18-Dec-18	21-Feb-19		6.83	562	0.69	0.14	854.72
10-Jan-19	21-Feb-19		6.93	582	0.73	0.18	854.68
14-Feb-19							854.75
20-Mar-19							854.82
11-Apr-19							854.95
15-May-19	15-Jul-19		7.11	465	0.74	0.26	854.92
19-Jun-19							854.87
17-Jul-19							854.79
7-Aug-19							854.65
12-Sep-19							854.68
17-Oct-19							854.84
14-Nov-19							854.65
5-Dec-19							855.05
13-Jan-20	19-Feb-20		7.31	650	0.72	0.26	854.65
18-Feb-20							854.45
23-Mar-20	22-Apr-20		7.16	598	0.78	0.12	854.42
30-Apr-20							854.55
21-May-20							854.7
24-Jun-20							854.65
2-Jul-20	20-Jul-20		7.52	673	1.18	0.13	854.67
13-Aug-20							854.85
22-Sep-20	20-Nov-20		7.6	621	----	0.18	854.99
10-Oct-20							854.85
17-Nov-20	26-Nov-20		7.61	700	1.01	0.12	855.2
7-Dec-20							855.15
11-Jan-21							855.21
10-Feb-21							855.25
29-Mar-21	30-Apr-21		7.8	647	0.81	0.17	855.2
12-Apr-21							855.25
20-May-21							855.25
23-Jun-21	8-Jul-21		7.27	615	0.28	0.83	855.16
23-Jul-21							855.45
20-Aug-21							855.55
21-Sep-21	1-Oct-21		7.58	665	0.97	0.14	855.68
4-Oct-21							855.95
8-Nov-21							856.05
14-Dec-21	5-Jan-22		8.27	616	0.78	0.3	856.14
20-Jan-22							856.15
19-Feb-22							856.25
23-Mar-22	5-Apr-22		8.29	643	0.75	0.21	856.45
15-Apr-22							856.24
15-May-22							856.3
22-Jun-22	6-Jul-22		7.73	644	1.17	0.21	856.41
JUL							
AUG							
13-Sep-22	21-Oct-22		7.86	640	1.05	0.22	856.78
OCT							

NOV							
13-Dec-22	30-Jan-23		7.31	598	0.68	0.26	857.61
JAN							
FEB							
MAR							
17-Apr-23	13-Jun-23		6.81	567	0.58	0.17	857.6
MAY							
22-Jun-23	19-Jul-23		6.8	537	0.76	0.13	857.6
JUL							
AUG							
14-Sep-23	28-Sep-23		7.2	562	0.58	0.15	857.73
OCT							
NOV							
7-Dec-23	6-Feb-24		7.65	596	0.73	0.15	857.83
JAN							
FEB							
26-Mar-24	30-Apr-24		7.1	591	0.63	0.15	857.77
APR							
MAY							
22-Jun-24	25-Jul-24		7.29	596	0.6	0.15	857.65
JUL							
AUG							
12-Sep-24	4-Nov-24		7.3	603	<0.01	0.03	857.68
OCT							
NOV							
5-Dec-24	15-Jan-25		7.08	577	0.58	0.15	857.89

Sampling Point 5 (Groundwater MP5)

Sampling Point 5 (Groundwater MP5)							
Sampling Frequency (where liquid is present)							
Date Sampled	Date Obtained	Date Published	Quarterly pH (pH units)	Quarterly Electrical Conductivity (µS/cm)	Quarterly Nitrate as N (mg/N/L)	Quarterly Total Phosphorus (mg/L)	Monthly Standing Water Level (MAHD)
16-Apr-12							
18-May-12							
20-Jun-12	28-Jun-12		7.11	292	1.92	0.28	847.93
17-Jul-12							
14-Aug-12							
24-Sep-12	18-Jan-13		7.42	616	0.34	1.30	848.05
14-Oct-12							
13-Nov-12							
3-Dec-12	18-Jan-13		7.59	318	2.57	0.74	848.01
24-Jan-13							847.97
22-Feb-13							847.87
4-Mar-13	16-May-13		7.22	329	2.18	0.35	847.92
16-Apr-13							847.94
16-May-13							847.87
19-Jun-13	11-Jul-13		7.27	330	2.28	0.27	847.83
29-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	848.12
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	9.65	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
10-Feb-21							848.22
29-Mar-21	30-Apr-21		7.77	622	14.5	0.1	848.14
12-Apr-21							848.42
20-May-21							848.52
23-Jun-21	8-Jul-21		7.29	531	0.12	11.4	848.19
23-Jul-21							849.42
20-Aug-21							849.52
21-Sep-21	1-Oct-21		7.3	1180	56.4	0.02	849.69
4-Oct-21							849.62
8-Nov-21							849.52
14-Dec-21	5-Jan-22		8.14	869	24.6	0.04	849.41
20-Jan-22							849.52
19-Feb-22							849.62
23-Mar-22	5-Apr-22		8.27	772	19.4	0.08	849.01
15-Apr-22							849.52
15-May-22							849.42
22-Jun-22	6-Jul-22		7.67	534	7.64	0.07	849.32
JUL							
AUG							
13-Sep-22	21-Oct-22		7.53	769	24.3	0.06	850.17
OCT							
NOV							
13-Dec-22	30-Jan-23		7.37	922	42.7	0.06	850.37
JAN							
FEB							
MAR							
17-Apr-23	13-Jun-23		6.86	646	17.2	0.11	849.73
MAY							
22-Jun-23	19-Jul-23		6.73	678	11.5	0.02	850.23
JUL							
AUG							
14-Sep-23	28-Sep-23		6.91	764	9.13	0.05	849.97

Month	Date	pH	Electrical Conductivity (µS/cm)	Cation Exchange Capacity (cmol+/kg)	Exchangeable Sodium Percentage (%)	Nitrate as N (mg/N/kg)	Total Kjeldahl Nitrogen (mg/N/kg)	Total Nitrogen (mg/kg)	Organic Carbon (%)	Reactive Phosphorus (mg/kg)
OCT										
NOV										
7-Dec-23	6-Feb-24	7.51	690	10.8	0.08	849.68				
JAN										
FEB										
26-Mar-24	30-Apr-24	7.17	576	8.86	0.09	850.13				
APR										
MAY										
22-Jun-24	25-Jul-24	7.45	610	8.52	0.12	850.55				
JUL										
AUG										
12-Sep-24	4-Nov-24	7.27	687	<0.01	0.02	850.4				
OCT										
NOV										
5-Dec-24	15-Jan-25	7.26	605	9.62	0.13	850.26				

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

Date Sampled	Date Obtained	Date Published	Annual									
			pH (pH units)	Electrical Conductivity (µS/cm)	Cation Exchange Capacity (cmol+/kg)	Exchangeable Sodium Percentage (%)	Nitrate as N (mg/N/kg)	Total Kjeldahl Nitrogen (mg/N/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	19.6	0.665	
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	
23-Mar-22	5-Apr-22		7.3	44.5	6	1.7	6.85	500	500	0.525	15.3	
17-Apr-23	13-Jun-23		7.35	81	6.75	0.5	13.8	1075	1090	1.085	12.9	
26-Mar-24	30-Apr-24		7.6	44	2.7	<0.2	5.0*	750	755	0.95	7.15	

\*Nox