

Regional Infrastructure Pty Ltd  
Central Tablelands Livestock Exchange (CTLX)  
4860 Mid Western Highway  
EPL 12600  
Livestock intensive activity - animal accommodation

Sampling Point 1 (Effluent MP1)

Date Sampled	Date Obtained	Date Published	pH	pH (units)	Sodium Adsorption Ratio (SAR)	Electrical Conductivity (µS/cm)	Total Suspended Solids (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Ammonia as N (mg/L)	Nitrate + Nitrite as N (mg/L)	Total Kjeldahl Nitrogen (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Reactive Phosphorus (mg/L)	Oil and Grease (mg/L)	Biochemical Oxygen Demand
20-Jun-12	28-Jun-12		7.98	1.81	1400	55	45	25	61	214	26.3	<0.01		32.2	21.0	16.6	<5	24	
24-Sep-12	18-Jan-13		8.12	1.95	2340	40	42	24	84	222	31.6	<0.10		53.9	53.9	21.9	17.3	<5	21
3-Dec-12	18-Jan-13		8.16	2.27	1480	226	40	29	80	290	1.77	0.01		29	49.1	21.8	19.1	<5	78
4-Mar-13	18-May-13		7.83	2.06	1640	84	56	30	77	259	15.2	0.02		38.1	20.0	19	<5	60	
19-Jun-13	11-Jul-13		7.93	2.27	1930	104	59	63	85	259	46.9	0.03		59.9	59.9	20.5	16.8	<5	28
2-Sep-13	2-Oct-13		8.04	2.53	1900	88	53	28	85	251	27.1	<0.10		88.4	88.4	23.8	17.4	<5	28
2-Dec-13	21-Jan-14		7.92	2.25	2060	258	78	33	84	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	108	319	8.5	1.79		37.2	39	27.0	19.5	<5	89
11-Jun-14	23-Jul-14		8.05	2.78	2080	39	64	37	113	266	31.4	<0.10		62.1	62.1	25.7	21.9	<5	<2
4-Sep-14	26-Sep-14		8.12	2.48	2080	70	61	32	96	299	45.4	<0.10		63.9	63.9	25.6	20.9	8	14
2-Dec-14	13-Jan-15		7.97	2.80	2140	200	59	34	109	299	27.2	3.72		68.2	72.9	29.0	21.7	<5	223
4-Mar-15	13-May-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		7.99	2.81	2140	66	61	37	105	368	48.2	<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	2110	318	61	34	95	334	44.0	0.02		78.7	78.7	26.0	78.7	18	8
19-Mar-16	13-May-16		8.28	2.88	2160	96	61	35	114	374	26.0	<0.01		43.3	43.3	19.0	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	1530	51	44	25	67	218	38.2	0.22		51.1	51.3	17.1	14.9	10	10
8-Dec-16	22-Dec-16		7.83	2.52	1310	302	38	24	71	202	16.8	5.2		61	66.2	16.9	13.1	<5	54
6-Apr-17	24-Apr-17	05-Oct-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	8-Sep-17	05-Oct-17	8.06	2.20	1860	69	53	30	81	259	53.0	<0.01		79.8	79.8	17.6	17.2	11	24

Sampling Point 2 (Groundwater MP2)

Date Sampled	Date Obtained	Date Published	pH	pH (units)	Electrical Conductivity (µS/cm)	Nitrate as N (mg/L)	Total Phosphorus (mg/L)	Standing Water Level (mAHD)
18-Apr-12								
18-May-12								
20-Jun-12	28-Jun-12		7.16	618	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	626	0.78	0.32	851.43	
24-Jan-13								
22-Feb-13								
4-Mar-13	18-May-13		7.05	616	0.79	0.4	851.35	
16-Apr-13								
16-May-13								
19-Jun-13	11-Jul-13		7.20	636	0.89	0.32	851.43	
26-Jul-13								
23-Aug-13								
2-Sep-13	2-Oct-13		7.29	629	0.82	0.22	851.45	
17-Oct-13								
21-Nov-13								
2-Dec-13	21-Jan-14		6.67	633	0.72	0.22	851.54	
15-Jan-14								
19-Feb-14								
12-Mar-14	29-Apr-14		7.08	644	0.81	1.01	851.63	
7-Apr-14								
12-May-14								
11-Jun-14	23-Jul-14		6.96	632	0.45	0.26	851.71	
8-Jul-14								
6-Aug-14								
4-Sep-14	26-Sep-14		7.32	645	0.56	0.18	851.89	
1-Oct-14								
11-Nov-14								
2-Dec-14	13-Jan-15		7.35	641	0.45	0.20	852.23	
14-Jan-15								
2-Feb-15								
4-Mar-15								
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	
19-Mar-16	13-May-16		6.68	645	0.45	0.15	852.91	
19-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	0.11	852.68	
7-Sep-16	28-Oct-16		6.91	634	0.56	0.11	852.93	
8-Dec-16	22-Dec-16		7.19	604	0.84	0.41	852.19	
6-Apr-17	24-Apr-17	05-Oct-17	7.13	636	0.75	0.12	854.85	
21-Aug-17	8-Sep-17	05-Oct-17	7.54	605	0.35	0.16	853.85	

Sampling Point 3 (Groundwater MP3)

Date Sampled	Date Obtained	Date Published	pH	pH (units)	Electrical Conductivity (µS/cm)	Nitrate as N (mg/L)	Total Phosphorus (mg/L)	Standing Water Level (mAHD)
18-Apr-12								
18-May-12								
20-Jun-12	28-Jun-12		6.99	466	0.02	0.1	852.36	
17-Jul-12								
14-Aug-12								
24-Sep-12	18-Jan-13		7.36	476	0.02	0.23	852.91	
14-Oct-12								
13-Nov-12								
3-Dec-12	18-Jan-13		7.45	470	0.06	0.09	853.08	
24-Jan-13								
22-Feb-13								
4-Mar-13	18-May-13		6.95	454	0.12	0.05	852.89	
16-Apr-13								
16-May-13								
19-Jun-13	11-Jul-13		7.07	482	0.06	<0.01	852.89	
26-Jul-13								
23-Aug-13								
2-Sep-13	2-Oct-13		7.17	494	0.06	0.07	852.97	
17-Oct-13								
21-Nov-13								
2-Dec-13	21-Jan-14		6.79	484	0.04	0.05	853.21	
15-Jan-14								
19-Feb-14								
12-Mar-14	29-Apr-14		6.76	505	0.11	1.90	853.09	
7-Apr-14								
12-May-14								
11-Jun-14	23-Jul-14		6.71	505	0.04	0.19	853.17	
8-Jul-14								
6-Aug-14								
4-Sep-14	26-Sep-14		7.09	518	0.07	0.08	853.21	
8-Oct-14								
11-Nov-14								
2-Dec-14	13-Jan-15		7.20	517	0.05	0.26	853.45	
14-Jan-15								
2-Feb-15								
4-Mar-15								
15-Jun-15	2-Jul-15		6.54	498	0.08	0.17	853.49	
7-Sep-15	8-Oct-15		6.95	465	0.16	0.05	854.19	
7-Dec-15	15-Jan-16		6.95	499	0.09	0.04	854.37	
19-Mar-16	13-May-16		7.16	494	0.12	0.04	853.86	
2-Jun-16	29-Jun-16		6.8	513	0.11	0.15	854.35	
7-Sep-16	28-Oct-16		6.64	534	0.18	0.08	855.47	
8-Dec-16	22-Dec-16		6.94	550	0.23	0.09	856.47	
6-Apr-17	24-Apr-17	05-Oct-17	6.8	575	0.15	0.03	856.00	
21-Aug-17	8-Sep-17	05-Oct-17	7.2	571	0.08	0.1	855.41	

Sampling Point 4 (Groundwater MP4)

Date Sampled	Date Obtained	Date Published	pH	pH (units)	Electrical Conductivity (µS/cm)	Nitrate as N (mg/L)	Total Phosphorus (mg/L)	Standing Water Level (mAHD)
18-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		7.67	544	0.34	1.26	852.01	
24-Jan-13								
22-Feb-13								
4-Mar-13	18-May-13		7.12	539	0.4	0.52	851.96	
16-Apr-13								
16-May-13								
19-Jun-13	11-Jul-13		7.13	494	0.14	0.07	852.06	
26-Jul-13								
23-Aug-13								
2-Sep-13	2-Oct-13		7.33	542	0.41	0.57	852.14	
17-Oct-13								
21-Nov-13								
2-Dec-13	21-Jan-14		6.95	558	0.40	0.78	852.36	
15-Jan-14								
19-Feb-14								
12-Mar-14	29-Apr-14		6.97	562	0.44	0.90	852.35	
7-Apr-14								
12-May-14								
11-Jun-14	23-Jul-14		7.17	553	0.42	0.21	852.43	
8-Jul-14								
6-Aug-14								
4-Sep-14	26-Sep-14		7.18	567	0.48	0.45	852.45	
8-Oct-14								
11-Nov-14								
2-Dec-14	13-Jan-15		7.38	559	0.46	0.15	852.85	
14-Jan-15								
2-Feb-15								
4-Mar-15								
15-Jun-15	2-Jul-15		6.84	559	0.51	0.31	852.89	
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	
19-Mar-16	13-May-16		7.44	554	0.59	0.07	853.45	
2-Jun-16	29-Jun-16		6.93	574	0.62	0.22	853.45	
7-Sep-16	28-Oct-16		6.78	588	0.67	0.24	854.11	
8-Dec-16	22-Dec-16		7.16	568	0.66	0.19	855.04	
6-Apr-17	24-Apr-17	05-Oct-17	6.97	607	0.71	0.15	855.01	
21-Aug-17	8-Sep-17	05-Oct-17	7.34	530				