

RLX Operating Company Pty Limited
Tamworth Regional Livestock Exchange
7 Phoenix Street, Tamworth NSW 2340
EPL No. 20133

EPL 1 (Wetland)

Date Sampled	Date Obtained	pH (pH units)	Electrical Conductivity (µS/cm)	Total Suspended Solids (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Chemical Oxygen Demand (mg/L)	Oil and Grease (mg/L)
EPL 90 Percentile Concentration Limit		6.5-8.5	300000	50	2	0.5		
22-Jun-16	8-Jul-16	6.9	346	77	4.7	1.31	94	<5
25-Aug-16	28-Sep-16	7.5	528	44	14.2	3.4	150	<5
6-Sep-16	28-Sep-16	7.7	522	40	0.8	0.98	122	<5
19-Sep-16	28-Sep-16	7.6	490	84	12.5	3.49	123	<5
4-Jan-17	16-Jan-17	7.8	372	98	6.5	2.02	75	13
12-Feb-20	26-Feb-20	7.7	560	150	6.7	2.3	320	<5
7-Apr-20	22-Apr-20	7.7	700	150	7	5.3	400	<5
13-Sep-24	23-Sep-24	8.1	2700	640	150	46	1300	13
1-Apr-25	9-Apr-25	8.4	780	2200	33	38	5600	7
28-Apr-25	4-Jun-25	7.1	910	41	5.2	5.1	170	6
1-May-25	12-May-25	7.6	1,000	64	1.1	4.7	340	24
28-May-25	4-Jun-25	7.1	910	41	5.2	5.1	170	6
8-Jul-25	14-Jul-25	8.0	910	27	7.7	7.6	220	<5

EPL 2 (Creek Upstream)

Date Sampled	Date Obtained	pH (pH units)	Electrical Conductivity (µS/cm)	Total Suspended Solids (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Chemical Oxygen Demand (mg/L)	Oil and Grease (mg/L)
15-Jul-15	3-Sep-15	7.2	109	52	3.3	0.57	56	12
22-Jun-16	8-Jul-16	7.1	77	14	0.9	0.21	42	<5
25-Aug-16	28-Sep-16	7.5	67	20	1.4	0.24	46	<5
6-Sep-16	28-Sep-16	7.7	103	5	1	0.11	33	<5
19-Sep-16	28-Sep-16	7.7	139	<5	0.9	0.08	43	<5
4-Jan-17	16-Jan-17	7.5	163	10	2.2	0.26	115	10
12-Feb-20	26-Feb-20	7.5	80	21	1.5	0.3	170	<5
7-Apr-20	22-Apr-20	7.6	140	45	1.2	0.1	60	<5
27-Sep-24	8-Oct-24	7.8	160	200	0.6	0.1	60	11
1-Apr-25	9-Apr-25	7.5	110	<5	1.2	0.3	<50	<5
3-Apr-25	11-Apr-25	8.3	840	54	5.7	4.7	240	<5
8-Apr-25	17-Apr-25	7.7	130	6	1.2	0.1	<50	<5
28-Apr-25	4-Jun-25	7.0	93	9	1.3	0.2	90	8
1-May-25	12-May-25	7.5	100	12	1.1	0.1	100	46
6-May-25	14-May-25	7.8	110	13	1.6	0.1	<50	6
23-May-25	4-Jun-25	7.0	93	9	1.3	0.2	90	8
8-Jul-25	14-Jul-25	8.0	89	7	0.7	0.07	60	11

EPL 3 (Creek Downstream)

Date Sampled	Date Obtained	pH (pH units)	Electrical Conductivity (µS/cm)	Total Suspended Solids (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Chemical Oxygen Demand (mg/L)	Oil and Grease (mg/L)
15-Jul-15	3-Sep-15	7.2	141	6	1.5	0.22	27	25
22-Jun-16	8-Jul-16	7.2	239	<5	1.5	0.47	85	<5
25-Aug-16	28-Sep-16	7.7	188	15	3.9	0.9	71	<5
6-Sep-16	28-Sep-16	7.9	425	11	3.5	1.52	96	-
19-Sep-16	28-Sep-16	7.8	251	<5	2.5	0.85	68	<5
4-Jan-17	16-Jan-17	7.8	397	29	6.1	1.32	92	15
12-Feb-20	26-Feb-20	7.6	350	120	6.5	2.2	350	<5
7-Apr-20	22-Apr-20	7.7	540	58	4.7	0.7	160	<5
27-Sep-24	8-Oct-24	8.8	4700	44	4.9	1.5	260	<5
1-Apr-25	9-Apr-25	7.4	420	750	2.4	1.4	230	<5
3-Apr-25	11-Apr-25	7.6	2400	99	86	39	500	<5
8-Apr-25	17-Apr-25	7.5	890	16,000	14	3.8	4,700	<5
28-Apr-25	4-Jun-25	7.0	270	31	1.8	1.2	170	19
1-May-25	12-May-25	7.4	830	82	3.8	1.7	230	35
6-May-25	14-May-25	7.8	1,000	100	8.6	3.8	1,200	17
23-May-25	4-Jun-25	7.0	270	31	1.8	1.2	90	19
8-Jul-25	14-Jul-25	7.8	810	810	3.2	4.5	240	3.2

EPL 4 (Groundwater)

Date Sampled	Date Obtained	Standing Water Level (m AHD)	pH (pH units)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Reactive Phosphorus (mg/L)
24-Apr-13 (Baseline prior to EPL)	06-Sep-13	378.47	7.74	1020	774	0.07	6.94	8.8	0.25	<0.01
09-Jul-13	06-Sep-13	378.14	7.40	970	649	<0.01	6.18	8.5	0.18	<0.01
09-Oct-13	01-Nov-13	377.48	7.78	1130	608	0.04	0.26	1.1	0.08	<0.01
30-Jan-14	25-Feb-14	376.89	7.68	1170	628	0.07	0.45	0.8	0.05	<0.01
10-Apr-14	02-Jun-14	376.80	7.70	1190	654	0.03	1.37	1.8	0.02	<0.01
17-Jul-14	29-Aug-14	376.74	7.45	1230	664	0.01	0.12	0.5	0.03	<0.01
28-Oct-14	19-Nov-14	376.55	7.78	1340	734	0.01	1.17	1.5	0.01	<0.01
29-Jan-15	25-Feb-15	377.10	7.44	1390	761	0.03	0.6	1	0.03	<0.01
20-Apr-15	19-May-15	378.18	7.44	1460	742	0.03	1.15	1.6	0.02	0.03
15-Jul-15	03-Sep-15	377.51	7.45	1550	876	0.03	0.53	1	0.02	<0.01
15-Oct-15	10-Nov-15	377.30	7.99	1600	886	0.05	0.34	0.8	0.01	<0.01

25-Jan-16	15-Feb-16	377.94	7.64	1770	958	0.04	0.27	0.8	0.01	<0.01
19-Apr-16	16-May-16	377.30	7.68	1600	905	0.06	0.54	0.8	<0.01	<0.01
22-Jun-16	08-Jul-16	376.87	7.69	1750	994	0.03	0.34	0.6	<0.01	0.01
12-Oct-16	31-Oct-16	379.26	7.90	1310	866	<0.01	2.2	2.7	0.02	<0.01
01-Feb-17	17-Feb-17	378.19	7.52	1820	1060	0.05	0.56	0.9	<0.01	<0.01
25-Apr-17	08-May-17	377.58	7.56	1910	1080	0.05	0.08	0.9	0.02	<0.01
20-Jul-17	04-Aug-17	377.70	7.51	1940	1090	0.02	0.02	0.6	0.03	0.02
11-Oct-17	19-Oct-17	377.62	7.32	1950	1110	0.02	0.3	0.7	0.01	<0.01
30-Jan-18	06-Feb-18	376.94	7.41	1960	996	<0.01	0.77	1.1	<0.01	<0.01
26-Apr-18	18-May-18	376.56	7.36	2240	1240	0.07	<0.01	1.5	0.04	<0.01
18-Jul-18	25-Jul-18	376.42	7.68	2210	1140	0.06	0.05	0.6	<0.01	<0.01
31-Oct-18	08-Nov-18	376.57	7.37	2350	1200	0.01	0.28	0.7	<0.01	<0.01
16-Jan-19	24-Jan-19	376.32	6.98	2180	1300	<0.01	0.05	0.4	0.01	<0.01
23-May-19	26-Jul-19	376.26	7.62	2300	1140	<0.01	0.09	0.6	<0.01	<0.01
15-Aug-19	22-Aug-19	376.22	7.52	2200	1200	0.14	0.08	0.6	0.01	<0.01
13-Nov-19	14-Nov-19	375.78	7.42	2260						
05-Feb-20	26-Feb-20	375.42	7.57	2340	1340	0.81	0.32	1.1	<0.01	<0.01
27-May-20	11-Jun-20	377.43	7.60	2550	1610	0.03	0.03	1	<0.01	<0.01
07-Jul-20	08-Jul-20	377.41	7.20	2580						
16-Oct-20	29-Oct-20	376.87	7.00	2600	1500	0.05	0.13	1.4	0.1	<0.005
09-Feb-21	09-Feb-21	377.23	7.52	2520						
08-Apr-21	15-Apr-21	377.08	7.10	1400	870	0.17	2.5	4.7	1.5	0.88
12-May-21	12-May-21	377.82	6.83	0.202						
05-Aug-21	05-Aug-21	377.98	6.78	1660						
20-Oct-21	02-Nov-21	377.08	7.30	1900	1200	0.41	0.056	2	0.9	0.48
10-Dec-21	10-Dec-21	378.34	6.37	1250						
22-Feb-22	28-Feb-22	377.08	7.20	890	650	0.63	0.11	4.2	1.9	1.4
13-May-22	13-May-22	377.38	6.72	1300						
30-Jun-22	08-Jul-22	377.36	7.20	1900		0.35	0.04	2.5	0.8	0.27
24-Nov-22	02-Dec-22	383.67	6.8	370		0.75	0.03	3.9	1.2	0.98
02-Mar-23	07-Mar-23	381.8	7.11	470						
23-Nov-23	30-Nov-23	-	6.9	2200	1400	0.062	0.69	1.6	0.53	0.17
15-May-24	22-May-24		6.85	1610						
21-May-24	30-May-24		7.2	2100	1300	0.035	1.6	2	0.4	-
27-Aug-24	05-Sep-24	382.9	6.89	490						
12-Dec-24	01-Feb-25	381.75	7.3	1500	860	0.029	8.7	9.1	<0.05	0.007
05-Feb-25	14-Feb-25	381.12	7.2	1300						
01-May-25	13-May-25	381.68	7.2	1800	1200	0.23	18	19	1.3	1.4
18-Aug-25	27-Aug-25		7.1	1600						

EPL 5 (Groundwater)

Date Sampled	Date Obtained	Standing Water Level (m AHD)	pH (pH units)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Reactive Phosphorus (mg/L)
33 (Baseline price)	41523	378.78	7.65	1730	1160	0.12	2.09	3.4	0.37	0.06
09-Jul-13	06-Sep-13	378.68	7.20	1780	1040	<0.01	7.81	10	0.05	0.03
09-Oct-13	01-Nov-13	378.00	7.67	1810	969	0.03	11.2	3	0.05	0.02
30-Jan-14	25-Feb-14	377.50	7.55	1970	1070	<0.01	10.6	11	0.05	0.02
10-Apr-14	02-Jun-14	377.42	7.58	1880	1000	0.03	11.4	13.3	0.02	<0.01
17-Jul-14	29-Aug-14	377.20	7.32	1850	988	<0.01	11	13.5	0.01	0.01
28-Oct-14	19-Nov-14	377.40	7.59	1890	988	<0.01	10.8	11.7	0.01	<0.01
29-Jan-15	25-Feb-15	377.61	7.31	1880	1060	<0.01	10.3	17	0.02	<0.01
20-Apr-15	19-May-15	377.16	7.36	1880	1030	0.03	9.68	11.3	0.02	0.01
15-Jul-15	03-Sep-15	378.03	7.24	1810	9698	0.02	9.34	10.4	0.06	0.01
15-Oct-15	10-Nov-15	377.82	7.89	1780	1000	<0.01	10.1	11.1	0.02	0.02
25-Jan-16	15-Feb-16	377.52	7.68	1830	1020	0.02	8.44	9.8	0.03	<0.01
19-Apr-16	16-May-16	376.80	7.57	1690	898	<0.01	11.1	11.8	<0.01	<0.01
22-Jun-16	08-Jul-16	377.27	7.76	1820	1040	<0.01	10.5	12.6	<0.01	0.01
12-Oct-16	31-Oct-16	380.06	7.92	1450	1170	<0.01	12.2	12.8	<0.01	<0.01
01-Feb-17	17-Feb-17	379.00	7.49	1880	1060	<0.01	11.7	12.2	<0.01	<0.01
25-Apr-17	08-May-07	378.25	7.67	1880	1120	0.06	13.4	15.9	<0.01	<0.01
20-Jul-17	04-Aug-17	378.31	7.44	1940	1120	0.04	14.87	16.7	<0.01	<0.01
11-Oct-17	19-Oct-17	377.77	7.16	1890	1030	<0.01	13.4	14.9	0.12	<0.01
30-Jan-18	06-Feb-18	377.54	7.42	1890	972	<0.01	13.3	14	<0.01	<0.01
26-Apr-18	18-May-18	377.03	7.46	2040	1060	0.02	12.7	14.7	<0.01	<0.01
18-Jul-18	25-Jul-18	377.83	7.67	1980	1030	<0.01	12.4	12.5	<0.01	<0.01
31-Oct-18	08-Nov-18	377.09	7.49	2100	1050	0.08	12.6	13.6	<0.01	<0.01
16-Jan-19	24-Jan-19	376.86	7.03	1870	1110	0.10	11.3	12.3	0.02	<0.01
23-May-19	26-Jul-19	376.68	7.68	1830	966	<0.01	12.5	13.7	<0.01	<0.01
15-Aug-19	22-Aug-19	376.53	7.66	1770	960	0.77	12.5	14.3	<0.01	<0.01
13-Nov-19	14-Nov-19	376.43	7.64	1820						
05-Feb-20	26-Feb-20	375.83	7.69	1990	1060	0.04	12.5	13.2	<0.01	<0.01
27-May-20	11-Jun-20	377.91	7.77	1860	1030	0.01	12.8	16	0.01	<0.01
07-Jul-20	08-Jul-20	377.87	7.71	1820						
16-Oct-20	29-Oct-20	377.37	7.72	1700	1000	0.007	6.7	7.6	0.09	0.05
09-Feb-21	09-Feb-21	377.91	7.43	1920						
08-Apr-21	15-Apr-21	377.81	7.30	1600	930	0.014	7.7	8.4	0.2	0.13
12-May-21	12-May-21	378.62	6.78	2090						
05-Aug-21	05-Aug-21	378.37	6.91	1730						
20-Oct-21	02-Nov-21	378.17	7.60	1700	950	<0.005	0.8	5.9	0.1	0.11
10-Dec-21	10-Dec-21	379.27	6.58	1965						
22-Feb-22	28-Feb-22	378.17	7.10	1700	1000	<0.005	4.6	6.6	0.2	0.13
13-May-22	13-May-22	378.37	6.97	2020						
30-Jun-22	08-Jul-22	378.21	7.40	1800		0.023	8.3	9	0.1	0.05
24-Nov-22	02-Dec-22	382.37	6.9	2000		0.005	29	25	<0.05	0.01
02-Mar-23	07-Mar-23	380.38	7.1	750						

23-Nov-23	30-Nov-23	374.9	7	590	360	0.28	<0.005	2.3	1.7	0.82
15-May-24	22-May-24		6.9	1130						
21-May-24	30-May-24		7.2	1500	970	0.045	6.1	6.9	0.3	-
27-Aug-24	05-Sep-24	381.24	7.02	1090						
12-Dec-24	01-Feb-25	380.17	7.2	590	370	0.16	0.061	4.3	2.6	1.9
05-Feb-25	14-Feb-25	379.52	7.2	1500						
01-May-25	12-May-25	379.99	7.3	1600	1000	0.02	16	16	0.2	0.16
18-Aug-25	274-Aug-25		7.2	430						

EPL 8 (Groundwater - new piezometer installed 27 May 2020)

Date Sampled	Date Obtained	Standing Water Level (m AHD)	pH (pH units)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Reactive Phosphorus (mg/L)
1-Jul-20	8-Jul-20		7.2	1400	810	0.011	6.9	9	0.3	0.01
9-Feb-21	9-Feb-21	377.28								
8-Apr-21	15-Apr-21	378.44	7.3	1400	870	0.1	7.5	8.1	<0.05	0.02
5-Aug-21	5-Aug-21	378.87	7.18	1245						
20-Oct-21	2-Nov-21	378.4	7.5	1600	910	<0.005	12	13	<0.05	<0.005
10-Dec-21	10-Dec-21	379.45	6.42	1490						
22-Feb-22	28-Feb-22	378.4	7.1	1500	1100	0.006	10	12	<0.05	0.01
13-May-22	13-May-22	378.5	6.93	1487						
30-Jun-22	8-Jul-22	378.4	7.3	1600		<0.005	8.2	8.9	<0.05	<0.005
24-Nov-22	02-Dec-22	380.2	6.6	1400		0.014	7.4	12	<0.05	<0.005
02-Mar-23	07-Mar-23	378.8	6.89	1510						
23-Nov-23	30-Nov-23	379.1	7	1500	900	<0.005	6.4	7.3	0.2	0.006
15-May-24	23-May-24		6.91	1240						
21-May-24	30-May-24		7.3	1500	900	0.1	16	18	0.09	-
27-Aug-24	05-Sep-24	379.79	6.9	1280						
12-Dec-24	01-Feb-25	378.74	7.3	1500	810	0.017	14	14	0.3	0.28
05-Feb-25	14-Feb-25	378.18	7.2	1400						
01-May-25	12-May-25	378.82	7.2	1500	950	0.04	6.9	7.2	1.3	1.4
18-Aug-25	274-Aug-25		7.3	1500						

EPL Monitoring Point 9(6) topsoil

Date Sampled	Date Obtained	pH	Chloride Soluble	Electrical Conductivity	Total N (LECO)	Extractable Nitrate-N	Organic Carbon (LECO)	Phosphorus Buffer Index	Phosphorus (Colwell)	Phosphorus Sorption Capacity	Phosphorus Sorption Capacity	Sodium Adsorption Ratio	Exchangeable Potassium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Sodium	Exchangeable Potassium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Sodium	EC/EC	Ca/Mg Ratio	K/Mg Ratio	Exchangeable Potassium %	Exchangeable Calcium %	Exchangeable Magnesium %	Exchangeable Sodium %	Aggregate Stability	Bulk Density	Soluble Calcium	Soluble Magnesium	Soluble Sodium
		pH units	mg/kg	dS/m	mg/kg	mg/kg	%	mg/kg	mg/kg	kg/ha	mg/kg	na	mg/kg	mg/kg	mg/kg	mg/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	%	%	%	%	%	g/cm3	mg/kg	mg/kg	mg/kg
22-Oct-21	05-Nov-21	7.04	91.5	0.24	3285	74.3	3.35	157	201	749	10500	2.2	1224	1574	505	147	3.14	7.87	4.21	0.64	15.9	1.87	0.75	19.8	49.6	26.5	4.03	15.9	1.2	50.9	32.5	99
25-Nov-22	15-Dec-22	7.21	27.7	0.1	2027	19.6	2	-	197	-	-	0.4	1600	1330	465	62.8	4.1	6.65	3.88	0.27	14.9	1.72	1.06	27.5	44.6	26	1.83	-	-	63.2	82.1	27
22-Nov-23	04-Dec-23	8.31	29.7	0.1	1420	4.86	1.25	81.8	126	458	6410	0.9	1441	1444	458	0.5	3.69	7.22	3.82	0.5	15.2	1.89	0.97	24.3	47.4	25.1	3.28	17.6	1.4	22.1	92.7	58.1
12-Dec-24	15-Jan-25	8.08	262	0.47	3644	10.2	2.97	-	299	-	-	3.1	2564	1789	615	325	6.57	8.95	5.13	1.41	22.1	1.75	1.28	29.8	40.6	23.2	6.41	-	-	26.3	41.7	146

EPL Monitoring Point 9(6) subsoil

Date Sampled	Date Obtained	pH	Chloride Soluble	Electrical Conductivity	Total N (LECO)	Extractable Nitrate-N	Organic Carbon (LECO)	Phosphorus Buffer Index	Phosphorus (Colwell)	Phosphorus Sorption Capacity	Phosphorus Sorption Capacity	Sodium Adsorption Ratio	Exchangeable Potassium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Sodium	Exchangeable Potassium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Sodium	EC/EC	Ca/Mg Ratio	K/Mg Ratio	Exchangeable Potassium %	Exchangeable Calcium %	Exchangeable Magnesium %	Exchangeable Sodium %	Aggregate Stability	Bulk Density	Soluble Calcium	Soluble Magnesium	Soluble Sodium
		pH units	mg/kg	dS/m	mg/kg	mg/kg	%	mg/kg	mg/kg	kg/ha	mg/kg	na	mg/kg	mg/kg	mg/kg	mg/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	%	%	%	%	%	g/cm3	mg/kg	mg/kg	mg/kg
22-Oct-21	05-Nov-21	7.91	46.2	0.1	896	11.2	0.76	146	85.4	671	9390	1.1	1278	1652	511	141	3.28	8.26	4.26	0.61	16.4	1.94	0.77	20	50.3	26	3.74	8.9	1.4	82.5	126	86.6
25-Nov-22	15-Dec-22	7.91	28.8	0.07	1111	5.62	1.1	-	138	-	-	0.7	1420	1434	434	97.9	3.64	7.17	3.62	0.43	14.9	1.98	1.01	24.5	48.3	24.3	2.87	-	-	35.8	16.9	10.4
22-Nov-23	04-Dec-23	8.4	62.2	0.12	1280	2.62	1.24	78.2	66.2	429	6010	1	1169	1722	502	0.73	3	8.61	4.18	0.73	16.5	2.06	0.72	18.1	52.1	25.3	4.4	21.5	1.3	41.6	129	78.9
12-Dec-24	15-Jan-25	8.4	97.3	0.22	1665	2.57	1.09	-	113	-	-	1.3	1849	1449	483	214	4.74	7.25	4.03	0.93	16.9	1.8	1.18	28	42.8	23.8	5.49	-	-	25.6	63.8	75.6

EPL Monitoring Point 10(7) topsoil

Date Sampled	Date Obtained	pH	Chloride Soluble	Electrical Conductivity	Total N (LECO)	Extractable Nitrate-N	Organic Carbon (LECO)	Phosphorus Buffer Index	Phosphorus (Colwell)	Phosphorus Sorption Capacity	Phosphorus Sorption Capacity	Sodium Adsorption Ratio	Exchangeable Potassium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Sodium	Exchangeable Potassium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Sodium	EC/EC	Ca/Mg Ratio	K/Mg Ratio	Exchangeable Potassium %	Exchangeable Calcium %	Exchangeable Magnesium %	Exchangeable Sodium %	Aggregate Stability	Bulk Density	Soluble Calcium	Soluble Magnesium	Soluble Sodium
		pH units	mg/kg	dS/m	mg/kg	mg/kg	%	mg/kg	mg/kg	kg/ha	mg/kg	na	mg/kg	mg/kg	mg/kg	mg/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	%	%	%	%	%	g/cm3	mg/kg	mg/kg	mg/kg
22-Oct-21	05-Nov-21	7.35	71.4	0.14	2642	3.18	2.54	165	127	740	10400	1.2	568	2565	441	126	1.46	12.8	3.68	0.55	18.5	3.49	0.4	7.87	69.3	19.9	2.96	12.9	1.3	98.9	129	96.3
25-Nov-22	15-Dec-22	6.63	21.8	0.06	2801	23.7	3.05	-	360	-	-	0.4	1050	2297	419	27.4	2.69	11.5	3.49	0.12	17.8	3.29	0.77	15.1	64.6	19.6	0.67	-	-	44.2	24.5	14.6
22-Nov-23	04-Dec-23	7.52	59.3	0.13	1714	13.8	1.85	79.4	93.7	441	6170	1.4	647	2152	405	171	1.66	10.8	3.38	0.74	16.5	3.19	0.49	10	65.1	20.4	4.5	21.6	1.3	29.3	57.1	75.2
12-Dec-24	15-Jan-25	6.85	60.1	0.28	6220	8.1	5.79	-	235	-	-	1.3	1790	2482	483	193	4.59	12.4	4.03	0.84	21.9	3.08	1.14	21	56.8	18.4	3.84	-	-	30.1	42	61.3

EPL Monitoring Point 10(7) subsoil

Date Sampled	Date Obtained	pH	Chloride Soluble	Electrical Conductivity	Total N (LECO)	Extractable Nitrate-N	Organic Carbon (LECO)	Phosphorus Buffer Index	Phosphorus (Colwell)	Phosphorus Sorption Capacity	Phosphorus Sorption Capacity	Sodium Adsorption Ratio	Exchangeable Potassium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Sodium	Exchangeable Potassium	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Sodium	EC/EC	Ca/Mg Ratio	K/Mg Ratio	Exchangeable Potassium %	Exchangeable Calcium %	Exchangeable Magnesium %	Exchangeable Sodium %	Aggregate Stability	Bulk Density	Soluble Calcium	Soluble Magnesium	Soluble Sodium
		pH units	mg/kg	dS/m	mg/kg	mg/kg	%	mg/kg	mg/kg	kg/ha	mg/kg	na	mg/kg	mg/kg	mg/kg	mg/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	cmol/kg	%	%	%	%	%	g/cm3	mg/kg	mg/kg	mg/kg
22-Oct-21	05-Nov-21	7.56	66.8	0.16	1751	3.27	1.72	168	96.8	734	10300	1.8	344	2990	548	127	0.88	15	4.57	0.55	21	3.27	0.19	4.21	71.4	21.8	2.64	6.2	1.4	111	162	99.7
25-Nov-22	15-Dec-22	7.22	15.9	0.03	1150	2.86	1.35	-	65.6	-	-	0.3	520	1761	325	38	1.33	8.81	2.71	0.17	13	3.25	0.49	10.2	67.7	20.8	1.27	-	-	35.8	16.9	10.4
22-Nov-23	04-Dec-23	7.37	57	0.12	1696	12.2	1.71	80.4	97.2	446	6240	1.3	583	2144	439	166	1.49	10.7	3.66	0.72	16.6	2.93	0.41	9.01	64.6	22	4.35	26.2	1.3	30.1	69.5	73.6
12-Dec-24	15-Jan-25	6.93	86.3	0.17	2486	1.29	1.85	-	64.2	-	-	0.7	803	2040	442	128	2.06	10.2	3.68	0.56	16.5	2.77	0.56	12.5	61.8	22.3	3.37	-	-	41.2	66.6	43.7

EPL 11 (Effluent) (new sampling point added 11 June 2021)

Date Sampled	Date Obtained	pH (pH units)	Electrical Conductivity (µS/cm)	Ammonia (mg/L)	Oxidised Nitrogen (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Reactive Phosphorus (mg/L)	Total Coliforms mpn/100m
20-Oct-21	2-Nov-21	8.3	3000	140	<0.005	250	40	29	>18000
30-Jun-22	8-Jul-22	8.1	2900	100	<0.005	160	38	17	>160000
24-Nov-22	02-Dec-22		2400	84	<0.005	160	39	21	160000
15-May-24	23-May-24	8.3	3000	31	<0.050	96	18	-	16,000
23-May-24	30-May-24	8	3100	96	-	150	50	-	>16,000
09-Jan-25	16-Jan-25	7.9	3200	120	<0.01	150	41	17	94,000
05-Feb-25	14-Feb-25	8.2	3200	120	<0.05	170	47	21	>16000

01-May-25	12-May-25	7.9	3000	97	<0.01	120	36	35	>16,000
18-Aug-25	274-Aug-25	7.9	3000	150	<0.01	150	43	50	>16000