

South Eastern Livestock Exchange (SELX) Water Monitoring Results

Address: 9 Bellevale Road, Yass NSW 2582

EPA Licence Number: 20691

Livestock Intensive Activity - animal accommodation

Site - Piezometer 1 Downgradient

EPL Point 1

Date	EA005CA pH Unit	pH	EA010CA Electrical Conductivity @ 25°C µS/cm	EK062CA Total Nitrogen as N mg/L	EK067CA Total Phosphorus as P mg/L	Standing Water Level m bgl
12-May-20	7.19		1230	8.57	0.02	2200
11-Feb-20	7.42		1290	11.3	0.02	2530
22-Aug-19	7.70		1090	7.47	0.06	2100
5-Mar-19	7.42		797	23.7	2.51	2119
10-Oct-18	7.71		1090	7.45	0.08	1094
24-Jul-18	7.79		1120	8.55	0.01	1955
9-Apr-18	7.62		1.07	7.73	0.02	1733
9-Jan-18	7.5		DNT	8.14	0.05	1905
11-Jul-17	7.7		DNT	6.6	0.03	1735
22-Mar-17	7.5		DNT	<0.1	<0.1	1556
15-Sep-16	7.4		DNT	<0.1	<0.1	1720

Site - Piezometer 2 Wetlands

EPL Point 2

Date	pH Unit	pH	EA010CA Electrical Conductivity @ 25°C µS/cm	EK062CA Total Nitrogen as N mg/L	EK067CA Total Phosphorus as P mg/L	Standing Water Level m bgl
12-May-20	7.25		1250	2.03	0.03	3610
11-Feb-20	7.73		1100	2.09	0.07	4090
22-Aug-19	7.60		1060	0.38	0.02	3290
5-Mar-19	6.60		1010	1.04	0.02	3410
10-Oct-18	7.65		1190	0.25	0.14	3017
24-Jul-18	7.78		1140	0.25	0.02	2990
9-Apr-18	7.76		0.94	0.46	0.2	3025
9-Jan-18	7.7		DNT	0.77	0.04	2645
11-Jul-17	7.7		DNT	0.57	0.02	2639
22-Mar-17	7.5		DNT	<0.1	<0.1	2227
15-Sep-16	7.3		DNT	<0.1	<0.1	1850

Site - Piezometer 3 Upgradient Bellevale Road

EPL Point 3

Date	pH Unit	pH	EA010CA Electrical Conductivity @ 25°C µS/cm	EK062CA Total Nitrogen as N mg/L	EK067CA Total Phosphorus as P mg/L	Standing Water Level m bgl
12-May-20	6.75		332	4.1	0.52	2475
11-Feb-20	6.99		806	14.8	0.68	3345
22-Aug-19	7.46		2080	5.09	0.55	5228
5-Mar-19	7.70		1160	7.98	0.02	4060
10-Oct-18	7.25		2470	4.49	0.29	5090
24-Jul-18	7.42		1620	12.6	0.68	3475
9-Apr-18	7.54		0.69	3.4	1.01	5935
9-Jan-18	7		DNT	3.17	0.56	2270
11-Jul-17	7.4		DNT	1.89	0.33	3270
22-Mar-17	7.6		DNT	<0.1	<0.1	3956
15-Sep-16	7.2		DNT	<0.1	<0.1	3415

Pollutant concentrations of water at monitoring point E4/S4 - Overflow point to trade waste.

EPL Point 4

Date	pH Unit	pH	Total Suspended Solids (TSS) mg/L	Biochemical Oxygen Demand mg/L	Thermotolerant Faecal Coliforms (Confirmed) CFU/100mL	Total Nitrogen as N mg/L	Total Phosphorus as P mg/L
12-May-20	7.6		31	29	45000	77.2	19.5
11-Feb-20	7.82		22	6	21000	89.9	21.8
22-Aug-19	8.13		70	20	1730	106	18.7
5-Mar-19	7.58		42	10	132	87.9	20.7
10-Oct-18	8.06		183	552	107000	125	24.7
24-Jul-18	7.81		170	72	255000	131	22.4
9-Apr-18	8.08		196	34	DNT	88.7	25.1
9-Jan-18	8.2		88	66	3600	74.1	25
11-Jul-17	7.3		14	5	12	1.68	0.08
22-Mar-17	8.4		21	<2	2100	<100	<0.1
15-Sep-16	7.9		54	<5	64	<100	<0.1

Pollutant concentrations of water at monitoring point E5/S5 - Overflow point from surface water wetland

EPL Point 5

Date	pH Unit	pH	Total Suspended Solids (TSS) mg/L	Biochemical Oxygen Demand mg/L	Thermotolerant Faecal Coliforms (Confirmed) CFU/100mL	Total Nitrogen as N mg/L	Total Phosphorus as P mg/L
12-May-20	7.37		8	4	92		
11-Feb-20	No Water in Pond to test						
22-Aug-19	7.96		8	<2	DNT	DNT	DNT
5-Mar-19	7.43		82	2	112	112	3.64
10-Oct-18	8.44		5	4	8	DNT	DNT
24-Jul-18	8.26		21	<2	<2	DNT	DNT
9-Apr-18	8.24		20	3	6	1.23	0.07
9-Jan-18	8.3		5	3	40	1.17	0.03
11-Jul-17	8.7		4	<2	2	0.96	<0.01
22-Mar-17	8.3		<10	<2	890	<100	<0.1
15-Sep-16	7.9		63	<5	6	<100	<0.1