

**NORTHERN RIVERS LIVESTOCK EXCHANGE**

EPL No. 3878

Date that Monitoring Conditions came into Effect:

2-Jun-17



NORTHERN RIVERS LIVESTOCK EXCHANGE, DARGAVILLE DRIVE, CASINO NSW 2470

**MONITORING POINT 3**

Soil Surface Sampling														No limits apply	
Irrigation Zone ID	Date Sampled	Results Obtained	Date Published	Sampler	Layer Depth	Electrical Conductivity (dS/m)	Nitrate (as N) (mg/kg)	pH	Exchangeable Sodium Percentage (%)	Phosphorus dissolved reactive (mg/kg)	Cation Exchange Capacity (mmol/kg)	*Total Nitrogen (mg/kg)	*Total Phosphorus (mg/kg)	*Phosphorus Sorption Capacity (kg/ha)	**Heavy Metals (mg/kg)
Monitoring Frequency						Yearly	Yearly	Yearly	Yearly	Yearly	Yearly	Every 3 years	Every 3 years	Every 3 years	Special Frequency 2
EAST	7/03/2018	29/03/2018	11/04/2018	EES	0 - 10 cm	0.075	7.9	7.5	2.4	183	14	1900	720	5240	NR
	5/03/2019	18/04/2019	1/05/2019	EES	0 - 10 cm	0.003	64.4	7.32	6	172	10.02	NR	NR	NR	NR
	3/03/2020	3/04/2020	5/05/2020	EES	0-10 cm	0.00044	2.3	6.95	5.4	59	5.79	NR	NR	NR	NR
NORTH	7/03/2018	29/03/2018	11/04/2018	EES	0 - 10 cm	0.09	<5	6.9	8.7	256	11	1400	310	8529	NR
	5/03/2019	18/04/2019	1/05/2019	EES	0 - 10 cm	0.003	26.8	7.14	4	238	13.03	NR	NR	NR	NR
	3/03/2020	3/04/2020	5/05/2020	EES	0 - 10 cm	0.00155	4.5	8.08	4.5	225	15.23	NR	NR	NR	NR

Subsoil Sampling														No limits apply	
Irrigation Zone ID	Date Sampled	Results Obtained	Date Published	Sampler	Layer Depth	Electrical Conductivity (dS/m)	Nitrate (as N) (mg/kg)	pH	Exchangeable Sodium Percentage (%)	Phosphorus Cowell (mg/kg)	Cation Exchange Capacity (mmol/kg)	*Total Nitrogen (mg/kg)	*Total Phosphorus (mg/kg)	*Phosphorus Sorption Capacity (kg/ha)	**Heavy Metals (mg/L)
Monitoring Frequency						Yearly	Yearly	Yearly	Yearly	Yearly	Yearly	Every 3 years	Every 3 years	Every 3 years	Special Frequency 2
EAST	7/03/2018	29/03/2018	11/04/2018	EES	0 - 20 cm	0.11	<5	7.8	4.3	197	11	2000	360	7111	NR
					20 - 40 cm	0.055	<5	8	4.5	81.5	4.7	350	87	4761	NR
					40 - 70 cm	0.069	<5	8.4	7.9	57.9	4.9	240	85	3650	NR
					70 - 100 cm	0.077	<5	8.1	7.6	52.4	3.3	170	71	5774	NR
NORTH	7/03/2018	29/03/2018	11/04/2018	EES	0 - 20 cm	0.11	<5	7.1	13	208	9	1100	360	6723	NR
					20 - 40 cm	0.11	<5	6.8	19	44	7.1	250	150	5792	NR
					40 - 70 cm	0.14	<5	6.2	30	20.6	7.6	440	130	9405	NR
					70 - 100 cm	0.31	<5	5.6	25	15.5	10	330	72	9200	NR
EAST	5/03/2019	18/04/2019	1/05/2019	EES	0 - 20 cm	0.001	1.9	6.81	13	60	6.39	NR	NR	NR	NR
					20 - 40 cm	0.0005	0.6	6.2	16.1	20	3.37	NR	NR	NR	NR
					40 - 70 cm	0.001	0.5	5.36	29.3	6	6.85	NR	NR	NR	NR
					70 - 100 cm	0.002	0.8	5.13	33.7	4	8.2	NR	NR	NR	NR
NORTH	5/03/2019	18/04/2019	1/05/2019	EES	0 - 20 cm	0.002	9.2	7.35	10.2	200	9.73	NR	NR	NR	NR
					20 - 40 cm	0.001	3.7	7.33	10.6	81	5.56	NR	NR	NR	NR
					40 - 70 cm	0.0008	1.9	6.51	13.2	56	3.69	NR	NR	NR	NR
					70 - 100 cm	0.004	1	5.76	17.2	77	5.8	NR	NR	NR	NR
EAST	3/03/2020	3/04/2020	5/05/2020	EES	0 - 20 cm	0.0006	1.6	7.36	7.6	27	4.76	NR	NR	NR	NR
					20 - 40 cm	0.00077	0.9	7.43	14.3	13	4.51	NR	NR	NR	NR
					40 - 70 cm	0.00085	0.7	5.9	18.2	6.2	7.59	NR	NR	NR	NR
					70 - 100 cm	0.00132	0.7	5.4	20.2	3.6	7.81	NR	NR	NR	NR
NORTH	3/03/2020	3/04/2020	5/05/2020	EES	0 - 20 cm	0.00126	1	8.18	7.2	162	6.8	NR	NR	NR	NR
					20 - 40 cm	0.00125	0.7	7.92	11.8	66	3.19	NR	NR	NR	NR
					40 - 70 cm	0.00083	0.7	7.74	12.8	54	2.5	NR	NR	NR	NR
					70 - 100 cm	0.00263	0.6	7.71	19	22	7.77	NR	NR	NR	NR

NR = testing of that parameter not being due  
 ND = Not detected

\*TN, TP, Phosphorus Sorption Capacity only required every 3 years \*\*Heavy Metals required every 10 years