



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
	26/03/2021	2/08/2021	9/08/2021	AWC	0 - 10 cm	0.067	2.9	7.24	2.6	133	9.08	1700	480	1698	NR
	21/03/2022	3/05/2022	10/05/2022	AWC	0 - 10 cm	0.075	3.6	6.98	4.9	189	8.02	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
	26/03/2021	2/08/2021	9/08/2021	AWC	0 - 10 cm	0.068	3.7	7.20	2.8	133	9.5	1800	440	1708	NR
	21/03/2022	3/05/2022	10/05/2022	AWC	0 - 10 cm	0.115	7.5	6.93	4.3	79	10.88	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	SF2
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
EAST	26/03/2021	2/08/2021	9/08/2021	AWC	0 - 20 cm	0.147	0.5	7.53	12.1	60	8.15	100	580	401	NR
					20 - 40 cm	0.425	1	6.13	34.1	35	10.42	80	230	64	NR
					40 - 70 cm	0.379	1	6.27	35	52	10.44	70	220	160	NR
					70 - 100 cm	0.556	1	5.58	34.2	25	17.38	60	360	701	NR
NORTH	26/03/2021	2/08/2021	9/08/2021	AWC	0 - 20 cm	0.076	1.6	7.03	2.8	369	10.76	210	940	2685	NR
					20 - 40 cm	0.056	1	7.52	6.6	166	3.56	50	340	1049	NR
					40 - 70 cm	0.059	1	7.55	7.7	148	3.21	40	340	1534	NR
					70 - 100 cm	0.083	1	7.07	12.2	105	3.77	30	200	1237	NR
EAST	21/03/2022	3/05/2022	10/05/2022	AWC	0 - 20 cm	0.068	1.4	5.92	10.7	19	11.68	NR	NR	NR	NR
					20 - 40 cm	0.055	1.6	5.99	11.4	45	9.65	NR	NR	NR	NR
					40 - 70 cm	0.150	1.9	5.62	16.9	20	13.98	NR	NR	NR	NR
					70 - 100 cm	0.175	1.4	5.46	18.7	51	20.69	NR	NR	NR	NR
NORTH	21/03/2022	3/05/2022	10/05/2022	AWC	0 - 20 cm	0.103	3.5	6.00	12.6	83	9.03	NR	NR	NR	NR
					20 - 40 cm	0.092	3.1	6.38	10.6	79	8.01	NR	NR	NR	NR
					40 - 70 cm	0.126	1.6	5.91	13.5	49	7.73	NR	NR	NR	NR
					70 - 100 cm	0.253	1.3	5.09	14.1	64	14.19	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