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 1 (EP1) — Treated Effluent

Date Sampled	Results Obtained	Date Published	Sampler	BOD (mg/L)	Electrical Conductivity (dS/m)	pH	Reactive Phosphorus (mg/L)	Total Phosphates (mg/L)	Suspended Solids (mg/L)	Total Nitrogen (mg/L)	Alkalinity as calcium carbonate (meq/L)	Sodium/Salt (mg/L)	Organochlorine Pesticides (mg/L)	Organophosphorus Pesticides (mg/L)	Thermotolerant Coliforms (cfu / 100ml)	Heavy Metals (mg/L)
Monitoring Frequency				Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Quarterly	Quarterly	Yearly	Yearly	Yearly	Yearly
16/06/2017	17/07/2017	18/07/2017		70	1.30	8.1	10.1	11.0	44	14.0	7.8	468	NR	NR	NR	NR
27/07/2017	8/08/2017	10/08/2017		24	1.43	8.06	9.76	12.4	104	13.6	NR	NR	NR	NR	NR	NR
29/08/2017	13/09/2017	19/09/2017		26	1.54	7.97	10.7	12.9	102	10.7	NR	NR	NR	NR	NR	NR
12/09/2017	26/09/2017	5/10/2017		36	1.60	8.39	9.9	13.0	120	12.8	NR	NR	NR	NR	NR	NR
12/09/2017	23/10/2017	23/10/2017		NR	NR	NR	NR	NR	NR	NR	10.4	545	NR	NR	NR	NR
13/10/2017	31/10/2017	7/11/2017		23	1.70	8.54	7.2	11.5	100	11.7	NR	NR	NR	NR	NR	NR
10/11/2017	18/12/2017	20/12/2017		25.04	1.61	8.49	9.42	11.35	115.12	11.4	NR	NR	NR	NR	NR	NR
12/12/2017	18/01/2018	19/01/2018		11	1.466	8.96	4.97	6.9	68	8.21	9.6	563	NR	NR	NR	NR
19/01/2018	16/02/2018	16/02/2018		21	1.48	9.22	2.663	4.72	142	8.91	10.8	530	NR	NR	NR	NR
16/02/2018	12/03/2018	13/03/2018		34.6	1.627	9.04	1.93	3.08	136	8.96	NR	NR	NR	NR	NR	NR
12/12/2017	18/01/2018	20/03/2018		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.55
7/03/2018	3/04/2018	11/04/2018		7.8	1.404	7.9	2.9	4.3	91	2.7	8.2	140	ND	ND	>2400	0.17
11/04/2018	4/05/2018	7/05/2018	RVC	12	1.2	9.2	2.6	6.5	120	5.9	NR	NR	NR	NR	NR	NR
9/05/2018	18/05/2018	22/05/2018	RVC	<5	1.2	9.1	2.6	2.6	160	3.2	NR	NR	NR	NR	NR	NR
6/06/2018	29/06/2018	2/07/2018	EES	6.9	1.51	9.37	2	4.2	300	2.8	10.4	960	NR	NR	NR	NR
2/07/2018	25/07/2018	26/07/2018	RVC	14	1.6	9	2.5	<0.05	120	1.9	NR	1000	NR	NR	NR	NR
7/08/2018	4/09/2018	13/09/2018	RVC	9.7	1.6	9.1	1.8	2.3	250	2.5	NR	1100	NR	NR	NR	NR
12/09/2018	5/10/2018	8/10/2018	EES	9.9	1.41	8.1	1.8	4.9	400	3.5	12.4	1000	NR	NR	NR	NR
8/10/2018	26/10/2018	5/11/2018	RVC	8.4	1.7	9	1.4	3.3	44	4.2	NR	NR	NR	NR	NR	NR
20/11/2018	5/12/2018	14/12/2018	EES	6.1	1.682	8.97	6.9	3.1	450	3.2	10.6	170	NR	NR	NR	NR
4/12/2018	20/12/2018	2/01/2019	RVC	<5	1.9	9.2	1.3	0.8	1500	3.8	NR	NR	NR	NR	NR	NR
15/01/2019	30/01/2019	31/01/2019	RVC	8.1	1.815	8.96	1.1	1.6	97	9.6	NR	NR	NR	NR	NR	NR
Feburary 2019		1/03/2019	RVC							no sampling as irrigation pond empty						
Mar-19		2/04/2019	EES							no sampling as irrigation pond empty						
Apr-19		12/05/2019	RVC							no sampling as irrigation pond empty						
May-19		4/06/2019	RVC							no sampling as irrigation pond empty						
Jun-19		19/07/2019	EES							no sampling as irrigation pond empty						
Jul-19										no sampling as irrigation pond empty						
Aug-19										no sampling as irrigation pond empty						
Sep-19										no sampling as irrigation pond empty						
Oct-19										no sampling as irrigation pond empty						
Nov-19										no sampling as irrigation pond empty						
Dec-19										no sampling as irrigation pond empty						
Jan-20										no sampling as irrigation pond empty						
Feb-20										no sampling as irrigation pond empty						
3/03/2020	2/04/2020	7/04/2020	EES	13.5	1.22	7.85	3.149	3.65	58	5.29	6.8	120	ND	ND	NR	NR
2/04/2020	17/04/2020	22/04/2020	RVC	13.7	1.498	7.94	5.35	3.981	45	6.31	NR	NR	NR	NR	NR	NR
4/05/2020	22/05/2020	2/06/2020	RVC	9.1	1.73	8.45	4.47	2.77	19	5.8	NR	NR	NR	NR	NR	NR
2/06/2020	26/06/2020	29/06/2020	EES	5.9	1.777	8.5	3.86	4.74	28	4.5	9.6	171	NR	NR	NR	NR
1/07/2020	28/07/2020	29/07/2020	RVC	3	1.8	8.4	4.25	4.92	11	4.5	NR	NR	NR	NR	NR	NR
3/08/2020	26/08/2020	31/08/2020	RVC	4.9	1.829	8.3	4.47	4.73	12	4.03	NR	NR	NR	NR	80	NR

Monitoring Point 2 — Wet Weather Discharge

Date Sampled	Results Obtained	Date Published	Sampler	BOD (mg/L)	Electrical Conductivity (dS/m)	pH	Reactive Phosphorus (mg/L)	Total Phosphorus (mg/L)	Suspended Solids (mg/L)	Alkalinity as calcium carbonate (meq/L)	Ammonia Nitrogen (mg/L)	Total Nitrogen (mg/L)	Oxidised Nitrogen (mg/L)	Organochlorine Pesticides (mg/L)	Organophosphorus Pesticides (mg/L)	Thermotolerant Coliforms (cfu / 100ml)	Heavy Metals (mg/L)
Monitoring Frequency				Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1
13/06/2017	27/06/2017	14/07/2017	RVC	27	1.28	7.6	9.1	10.8	83	0	0.053	14.3	4.44	<0.2	<0.2	7,200	< 4.4
14/06/2017	27/06/2017	14/07/2017	RVC	48	1.328	7.7	9.9	11.9	140	0	1.21	21.7	5.24	<0.2	<0.2	1680	< 3.0
15/06/2017	27/06/2017	14/07/2017	RVC	46	1.345	8.1	9.9	11.7	57	0	0.046	16.5	7.49	<0.2	<0.2	3040	< 3.1
16/06/2017	27/06/2017	14/07/2017	RVC	47	1.324	7.8	10.1	12.3	83	0	0.048	20.7	8.2	<0.2	<0.2	9000	< 3.1
17/06/2017	10/07/2017	14/07/2017	RVC	36	1.304	7.7	10.3	11.3	55	0	0.045	15.2	7.7	<0.2	<0.2	9000	< 3.0
18/06/2017	10/07/2017	14/07/2017	RVC	29	1.32	7.7	10.2	11.7	66	0	0.047	16.3	7.06	<0.2	<0.2	7200	<3.2
19/06/2017	10/07/2017	14/07/2017	RVC	47	1.33	8.1	10.3	12.8	222	0	0.039	29	6.63	<0.2	<0.2	5400	<3.2

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

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