

## Monitoring Point 6 - Casino Site

EPL No. 1461  
Licensee: Northern Co-operative Meat Company

Date Sampled	Date Obtained	Date Published	Sample Site	pH	Chloride (mg/L)	Chromium (mg/L)	Conductivity (microS/cm)	Nitrate (mg/L)	Ammonia (mg/L)	Nitrogen (mg/L)	Phosphate (mg/L)	Phosphorus (mg/L)	Sodium (mg/L)
14/08/12	27/08/12	31/08/12		8.4	95	<0.001	1630	0.01	0.43	0.4	0.02	0.02	364
07/08/13	26/08/13	02/09/13		8.7	111	<0.001	1550	<0.01	0.41	0.5	0.05	0.07	368
12/08/14	26/08/14	27/08/14		8.3	99	<0.001	1730	0.02	0.42	0.5	0.03	0.02	412
31/10/16	17/11/16	23/01/17	GW1	7.16	52	0.001	691	0.062	<0.005	0.27	0.015	0.07	86
			GW2	9.69	626	0.002	2921	0.653	<0.005	0.92	0.009	0.04	522
			GW3	6.05	207	<0.001	859	<0.005	0.127	0.16	0.051	0.18	97
			GW4	5.31	35	<0.001	120	0.599	<0.005	0.6	0.015	0.02	19
			GW5	6.32	248	0.001	1089	<0.005	0.109	0.18	0.089	0.69	152
30/11/16	20/12/16	23/01/17	GW1	5.85	573	0.002	2297	<0.005	0.336	0.4	0.008	0.07	292
			GW2	9.66	613	0.004	3155	0.767	0.023	1.19	0.026	0.06	539
			GW3	6.25	202	<0.001	946	<0.005	0.136	0.15	0.006	0.06	94.9
			GW4	5.45	33	<0.001	133	0.564	0.009	0.69	0.008	0.01	15.3
			GW5	6.37	243	0.001	1172	<0.005	0.067	0.09	0.107	0.43	153
16/12/16	23/12/16	23/01/17	GW1	5.64	657	0.001	2556	<0.005	0.293	0.31	0.008	0.09	317
			GW2	8.37	638	<0.001	3121	0.773	0.101	0.89	0.014	0.07	453
			GW3	6.15	206	<0.001	945	<0.005	0.197	0.21	0.006	0.08	97
			GW4	5.01	27	<0.001	124	<0.005	0.008	0.69	<0.005	0.02	16
			GW5	6.26	235	0.001	1152	<0.005	0.018	0.03	0.006	0.32	143
24/01/17	08/02/17	13/02/17	GW1	5.69	759	0.002	2605	<0.005	0.335	0.35	0.062	0.13	345
			GW2	9.32	716	0.001	3121	1.1	0.065	1.42	0.035	0.04	536
			GW3	6.24	326	<0.001	971	<0.005	0.402	0.63	0.071	0.16	95.7
			GW4	6.34	343	<0.001	1138	<0.005	0.061	0.06	0.328	0.5	147
			GW5	4.97	148	<0.001	127	<0.005	0.012	0.53	0.04	0.04	15.4
16/02/17	13/03/17	07/04/17	GW1	5.55	793	0.001	2724	0.009	0.144	0.16	0.035	0.14	331
			GW2	6.97	678	0.001	3031	0.153	0.281	0.71	0.022	0.21	438
			GW3	6.05	233	0.001	1043	0.006	0.3	0.31	0.033	0.62	113
			GW4	4.27	33.3	<0.001	122	0.446	0.015	0.46	0.021	0.03	15
			GW5	5.81	227	0.003	1053	<0.005	0.044	0.05	0.108	0.38	146

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29/03/17	06/04/17	07/04/17	GW1	5.56	793	0.001	1742	<0.005	0.176	1.21	0.028	0.72	337
			GW2	7.07	714	0.001	2094	0.078	0.421	0.63	0.015	0.17	445
			GW3	6.24	249	0.001	734	<0.005	0.641	0.66	0.096	0.69	117
			GW4	4.98	42.1	<0.001	79	0.512	0.056	0.57	0.017	0.08	15
			GW5	6.18	235	0.005	698	<0.005	0.089	0.26	0.033	4.61	147
27/04/17	05/05/17	08/05/17	GW1	5.7	611	0.002	1670	0.006	0.091	0.54	<0.005	0.43	295
			GW2	6.92	665	0.001	2125	0.02	0.474	0.5	0.006	0.23	432
			GW3	6.26	233	0.001	710	<0.005	4.17	4.2	0.028	0.58	108
			GW4	4.9	41	<0.001	78	0.531	0.075	0.65	<0.005	0.05	14
			GW5	6.15	202	0.002	690	0.011	0.121	0.27	0.007	0.83	137
18/05/17	01/06/17	03/07/17	GW2	5.95	211	<0.001	913	0.127	0.062	0.2	0.083	0.32	94
			GW3	6.9	793	0.001	3489	0.034	0.254	0.35	0.005	0.19	507
			GW4	5.2	36.8	<0.001	114	0.479	0.024	0.5	<0.005	0.02	17
			GW5	6.21	224	0.002	1012	0.038	0.023	0.19	<0.005	0.44	139
23/06/17	29/06/17	03/07/17	GW1	5.73	551	<0.001	1947	<0.005	0.07	0.08	0.024	0.11	227
			GW2	6.45	1324	0.001	4654	0.006	0.027	0.14	<0.005	0.04	824
			GW3	5.97	281	<0.001	1084	<0.005	0.078	0.08	0.015	0.57	110
			GW4	4.98	38.9	<0.001	117	0.492	0.031	0.53	0.012	0.02	18
			GW5	6.21	225	0.002	1024	0.014	0.026	0.69	0.026	1.39	142
31/07/17	07/08/17	11/08/17	GW1	5.52	518	0.001	2164	<0.005	0.169	0.31	0.035	0.19	233
			GW2	6.36	1125	<0.001	4585	<0.005	0.07	0.1	0.015	0.03	809
			GW3	6.08	240	0.001	1080	0.017	0.331	0.34	0.024	0.46	104
			GW4	5.11	37.1	<0.001	109	0.452	0.042	0.7	0.008	0.04	15
			GW5	6.08	190	0.001	1056	0.017	0.046	0.33	0.023	1.19	126
23/08/17	08/09/17	11/09/17	GW1	5.65	684	0.001	2286	<0.005	0.088	0.09	0.009	0.11	260
			GW2	6.37	1112	0.001	4514	0.007	0.036	0.1	0.011	0.03	766
			GW3	5.97	366	<0.001	1169	<0.005	0.399	0.51	0.24	0.59	103
			GW4	4.98	152	<0.001	109	0.514	<0.005	0.54	0.008	0.03	15
			GW5	6.18	297	0.001	1099	0.007	0.061	0.08	0.034	0.97	136
20/09/17	04/10/17	12/10/17	GW1	5.43	770	<0.001	2449	0.005	0.07	0.21	0.015	0.12	273
			GW2	6.58	1202	<0.001	4726	0.007	0.065	0.13	0.008	0.02	731
			GW3	6.11	24	<0.001	1188	<0.005	0.475	0.46	0.045	0.45	14
			GW4	5.11	315	<0.001	110	0.486	0.051	0.03	0.006	0.03	103
			GW5	6.22	304	<0.001	1102	0.047	0.047	1.13	0.023	0.97	127

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27/10/17	07/11/17	05/12/17	GW1	6.41	50.7	0.001	247	<0.005	<0.005	0.79	0.005	0.13	27
			GW2	6.41	1099	<0.001	4775	0.007	0.148	0.494	0.012	0.078	764
			GW3	5.91	327	<0.001	1208	<0.005	0.762	1.26	0.029	0.605	115
			GW4	4.98	26.8	<0.001	114	0.55	<0.005	0.596	0.007	0.032	15
			GW5	6.05	242	<0.001	1089	0.207	<0.005	0.993	0.02	2.08	150
16/11/17	04/12/17	05/12/17	GW1	5.68	516	<0.001	2063	<0.005	0.094	0.1	0.006	0.27	239
			GW2	6.33	1075	<0.001	4712	0.008	0.044	0.226	0.008	0.09	820
			GW3	5.98	271	<0.001	1253	<0.005	0.705	0.72	0.263	0.925	124
			GW4	4.94	55.4	<0.001	120	0.558	0.026	0.698	<0.005	0.079	15.3
			GW5	6.05	231	<0.001	1123	0.013	0.052	0.07	0.006	3.14	156
08/12/17	18/12/17	20/12/17	GW1	5.69	478	<0.001	1890	<0.005	0.106	0.487	0.012	0.181	220
			GW2	6.41	1035	<0.001	4400	0.007	0.034	0.166	0.014	0.076	773
			GW3	5.97	246	<0.001	1170	<0.005	1.34	1.84	0.222	0.63	105
			GW4	4.85	10	<0.001	105	0.5	0.037	0.605	0.005	0.028	14
			GW5	6.12	215	<0.001	1050	<0.005	0.075	0.64	0.01	2.15	142
11/01/18	23/01/18	30/01/18	GW1	5.74	497	0.001	1970	0.012	0.065	0.22	0.009	0.15	231
			GW2	6.56	1094	<0.001	4610	0.007	0.027	0.19	0.01	0.1	821
			GW3	5.87	270	0.001	1190	0.008	3.63	3.7	0.01	0.69	116
			GW4	4.67	32	<0.001	122	0.526	0.044	0.57	0.006	0.03	16
			GW5	5.95	230	0.001	1080	0.008	0.062	0.1	0.019	1.28	153
22/02/18	09/03/18	12/03/18	GW1	5.73	695	<0.001	2243	<0.005	0.101	0.4	0.014	0.26	248
			GW2	6.46	1168	<0.001	4492	<0.005	0.041	0.1	0.016	0.1	757
			GW3	6.22	327	<0.001	1173	<0.005	7.307	7.32	0.016	0.91	110
			GW4	4.92	85	<0.001	106	0.465	0.055	0.52	0.01	0.03	15
			GW5	6.28	270	<0.001	1050	0.013	0.144	0.16	0.032	0.86	144
23/03/18	06/04/18	09/04/18	GW1	5.87	784	0.001	2292	<0.005	0.115	0.27	0.007	0.12	277
			GW2	6.50	1173	<0.001	4329	<0.005	0.027	0.18	0.009	0.11	785
			GW3	6.32	153	0.002	488	<0.005	1.044	3.02	0.042	0.72	47
			GW4	5.00	82	<0.001	104	0.519	0.040	0.56	<0.005	0.03	14
			GW5	6.24	313	<0.001	1048	<0.005	0.075	0.17	0.006	1.16	148
10/04/18	13/04/18	16/04/18	GW1	5.71	732	<0.001	2408	<0.005	0.076	0.19	0.03	0.09	28
			GW2	6.47	1223	<0.001	4385	0.005	0.066	0.26	0.016	0.06	805
			GW3	6.26	179	0.002	624	<0.005	0.711	1.79	0.055	0.069	68
			GW4	5.69	52	<0.001	115	0.492	0.053	1.01	0.013	0.06	16
			GW5	6.13	307	<0.001	1049	<0.005	0.035	0.14	0.027	0.73	150

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25/05/18	04/06/18	04/06/18	GW1	5.63	688	0.002	2580	<0.005	0.081	0.26	0.01	0.29	292
			GW2	6.45	1083	<0.001	4430	<0.005	0.007	0.09	0.012	0.1	756
			GW3	6.25	172	0.001	828	<0.005	0.975	1.27	0.026	0.61	84
			GW4	4.87	28	<0.001	108	0.519	0.026	0.55	0.009	0.07	15
			GW5	6.24	217	0.001	1051	0.024	0.077	0.07	0.021	0.54	143
22/06/18	02/07/18	02/07/18	GW1	5.73	763	0.00069	2650	<0.005	0.102	0.12	0.021	0.11	289
			GW2	6.49	1164	<0.001	4500	<0.005	0.022	0.08	0.013	0.045	744
			GW3	6.36	204	0.00073	858	<0.005	0.652	0.98	0.015	0.571	88
			GW4	4.97	56	<0.001	107	0.486	0.038	0.57	0.009	0.026	15
			GW5	6.33	236	<0.001	1030	<0.005	0.071	0.07	0.019	0.466	137
16/07/18	26/07/18	30/07/18	GW1	5.73	722	<0.001	2602	<0.005	0.138	0.19	0.047	0.109	304
			GW2	6.55	1075	<0.001	4458	<0.005	0.029	0.06	0.024	0.031	765
			GW3	6.38	214	0.001	962	<0.005	0.598	0.60	0.039	0.467	95
			GW4	5.06	54	<0.001	105	0.414	0.044	0.53	0.036	0.04	14
			GW5	6.43	220	<0.001	1031	<0.005	0.100	0.11	0.038	0.534	136
22/08/18	06/09/18	07/09/18	GW1	5.78	913	<0.001	2833	<0.005	0.130	0.14	<0.005	0.06	316
			GW2	6.44	1247	<0.001	4606	<0.005	0.032	0.09	0.011	0.059	796
			GW3	6.22	220	<0.001	1022	<0.005	0.439	0.44	0.006	0.502	109
			GW4	4.89	26	<0.001	108	0.483	0.042	0.49	0.005	0.031	16
			GW5	6.37	232	<0.001	1050	<0.005	0.099	0.10	0.018	0.544	146
21/09/18	02/10/18	04/10/18	GW1	5.75	702	<0.001	2750	<0.005	0.114	0.05	<0.005	0.065	323
			GW2	6.54	1029	<0.001	4470	0.008	0.036	0.07	<0.005	0.011	794
			GW3	6.41	210	0.001	958	<0.005	0.657	0.63	<0.005	0.472	96
			GW4	5.05	9	<0.001	105	0.43	0.059	0.50	<0.005	0.004	14
			GW5	6.38	203	<0.001	1030	0.008	0.040	0.02	<0.005	0.457	147
25/10/18	06/11/18	13/12/18	GW1	5.64	750	<0.001	2723	<0.005	0.162	0.12	0.015	0.05	303
			GW2	6.47	1088	<0.001	4289	<0.005	0.017	0.02	0.012	0.017	745
			GW3	6.20	197	0.001	965	<0.005	0.451	0.42	0.014	0.648	98
			GW4	4.89	25	<0.001	103	0.416	0.016	0.37	0.021	0.011	14
			GW5	6.33	216	<0.001	1045	0.01	0.043	0.04	0.025	0.409	134
28/11/18	11/12/18	13/12/18	GW1	5.30	35	<0.001	6101	0.487	0.035	0.59	<0.005	0.016	15
			GW2	6.74	1119	<0.001	4405	0.006	0.030	0.11	0.018	0.018	862
			GW3	6.79	215	<0.001	1021	0.092	0.052	0.16	<0.005	0.404	146
			GW4	5.35	34	<0.001	102	0.482	0.015	0.50	<0.005	0.028	15
			GW5	6.92	225	<0.001	1024	0.031	0.086	0.12	<0.005	0.391	149
19/12/18	09/01/19	10/01/19	GW1	5.15	23	<0.001	99	0.519	0.005	0.57	0.009	0.018	15
			GW2	6.64	1087	<0.001	4440	<0.005	0.017	0.08	0.013	0.024	758
			GW3	6.37	252	<0.001	1058	<0.005	0.085	0.02	0.051	0.527	144
			GW4	5.55	41	<0.001	119	0.449	<0.005	0.46	0.009	0.03	17
			GW5	6.39	229	<0.001	1039	<0.005	0.081	0.03	0.045	0.625	143

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16/01/19	01/02/19	11/02/19	GW1	5.64	743	0.001	2858	<0.005	0.094	0.07	0.034	0.075	343
			GW2	6.49	1063	<0.001	4464	<0.005	0.019	0.10	0.02	0.062	806
			GW3	6.20	222	0.001	1014	<0.005	0.586	0.40	0.055	0.464	101
			GW4	5.05	26	<0.001	106	0.396	0.023	0.43	0.015	0.047	17
			GW5	6.33	197	<0.001	1002	<0.005	0.094	0.03	0.051	0.481	133
28/02/19	12/03/19	18/03/19	GW1	6.18	811	0.004	2600	<0.005	0.096	0.16	<0.005	0.022	319
			GW2	7.66	1097	0.002	4140	0.011	0.031	0.17	0.011	0.064	774
			GW3	6.76	267	0.002	924	0.009	0.309	0.03	<0.005	0.399	93
			GW4	6.06	56	0.002	103	0.537	0.047	0.85	<0.005	0.057	14
			GW5	7.30	205	0.001	887	<0.005	0.043	0.23	<0.005	0.442	134
24/04/19	02/05/19	03/05/19	GW1	4.96	28	<0.001	107	0.55	0.035	0.59	0.01	<0.01	15
			GW2	6.47	1078	0.001	4428	<0.005	<0.005	0.06	0.021	0.011	794
			GW3	6.40	263	0.001	1028	<0.005	0.064	0.07	0.152	0.305	146
			GW4	5.18	27	<0.001	103	0.473	<0.005	0.53	0.011	<0.01	14
			GW5	6.42	219	<0.001	973	<0.005	0.081	0.13	0.117	0.33	141
16/07/19	24/07/19	25/07/19	GW1	5.18	175	<0.001	101	0.529	0.103	0.63	0.012	0.018	16
			GW2	6.61	1360	<0.001	4370	<0.005	0.006	0.06	0.02	<0.01	835
			GW3	5.36	201	<0.001	119	0.482	0.030	0.53	0.01	<0.01	18
			GW4	4.98	159	<0.001	102	0.524	0.035	0.58	0.012	<0.01	17
			GW5	6.33	357	<0.001	1020	<0.005	0.055	0.08	0.027	0.388	146