

## Monitoring Point 4 - Casino Site

EPL No. 1461

Licensee: Northern Co-operative Meat Company

Sampled: 09/05/2012		Obtained: 23/05/2012			Published: 29/05/2012		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	7.1	41	2800	245	< 5	27	78
S3	7.7	8	2700	212	< 5	29	43
S4	6.7	343	2800	248	56	30	420
S5	7.2	146	2900	269	23	31	364
S6	8.4	15	2400	184	< 5	22	18
S7	7.9	84	2700	227	< 5	27	216

Sampled: 01/11/2012		Obtained: 16/11/2012			Published: 23/11/2012		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	7.3	32	3200	283	< 5	29	130
S3	7.1	51	2800	305	25	34	1340
S4	6.8	340	3000	308	84	27	344
S5	7.5	96	2900	264	5	25	149
S6	8.2	80	2400	197	< 5	27	166
S7	7.7	108	2900	262	10	26	221

Sampled: 08/05/2013		Obtained: 17/06/2013			Published: 26/06/2013		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	6.9	87	2550	196	16	36	187
S3	7.2	8	2100	161	6	23	26
S4	6.8	231	2400	216	64	27	482
S5	7.5	44	2870	224	< 5	29	74
S6	7.5	75	2210	192	< 5	27	100
S7	7.5	40	2660	212	10	27	97

Sampled: 17/10/2013		Obtained: 07/11/2013			Published: 13/11/2013		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	7.1	98	3000	257	15	33	145
S3	7.1	170	2800	252	32	38	796
S4	6.9	138	3000	272	18	30	360
S5	7.4	56	2300	231	5	29	103
S6	7.9	57	2620	220	< 5	34	116
S7	7.6	53	3010	278	< 5	32	176

Sampled: 02/04/2014		Obtained: 24/04/2014			Published: 01/05/2014		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	7.1	27	2220	203	< 5	28	169
S3	7.1	175	2340	254	46	33	906
S4	6.8	54	2150	207	16	28	123
S5	7.5	28	2080	194	< 5	27	77
S6	7.9	25	1660	136	< 5	23	69
S7	7.3	24	2220	201	< 5	27	134

Sampled: 10/09/2014		Obtained: 19/09/2014			Published: 10/10/2014		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	6.8	16	2830	243	130	24	65
S3	6.8	505	2530	203	282	31	298
S4	6.7	57	2700	241	185	26	109
S5	7.2	73	2670	196	1550	25	114
S6	7.8	24	2260	164	19	25	67
S7	7.3	18	2730	233	12	27	238

Sampled: 24/07/2015		Obtained: 04/08/2015			Published: 18/09/2015		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	7.0	73	2810	179	11	27	58
S3	no data - dam was out of service for maintenance at time of monitoring						
S4	7.0	14	2920	213	8	31	139
S5	7.4	25	2910	181	9	27	82
S6	8.2	19	2390	174	<5	32	91
S7	7.4	27	2960	233	<5	35	62

Sampled: 30/10/2015		Obtained: 18/11/2015			Published: 27/11/2015		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	7.2	54	2680	229	<5	32	29
S3	7.5	44	2600	231	10	33	84
S4	no data - dam was out of service for maintenance at time of monitoring						
S5	7.9	15	2270	196	5	29	52
S6	7.9	18	1810	121	<5	28	36
S7	7.7	24	2570	214	5	31	64

Sampled: 23/02/2016		Obtained: 14/03/2016			Published: 15/03/2016		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	6.8	64	2581	236	18	29	36
S3	7.0	81	2667	253	7	31	78
S4	7.8	33	2369	215	9	31	62
S5	8.0	34	2362	214	5	32	67
S6	7.7	30	1813	133	7	33	58
S7	7.3	35	2599	262	<2	34	78

Sampled: 24/06/2016		Obtained: 05/07/2016			Published: 06/07/2016		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	6.7	145	2396	219	7	33	79
S3	7.1	46	2388	199	6	30	52
S4	7.9	13	1572	103	8	24	62
S5	7.8	35	2266	195	4	31	75
S6	8.0	19	1846	139	5	28	51
S7	7.4	39	2373	204	6	31	48

Sampled: 24/01/2017		Obtained: 08/02/2017			Published: 20/04/2017		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	6.8	82.0	2508	193	3	27	29
S3	8.3	24.0	1484	58	<2	27	66
S4	7.3	97.0	2507	195	6	28	94
S7	7.6	52.0	2519	193	6	29	124
S8	8.0	41.0	2248	169	11	29	123

Sampled: 20/09/2017		Obtained: 17/10/2017			Published: 20/10/2017		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	7.2	83.0	2691	211	17	33	255
S4	7.2	243.5	2696	208	51	31	197
S7	7.4	67.0	2676	208	5	31	118
S8	7.8	65.4	2609	208	12	32	257

Sampled: 10/01/2018		Obtained: 23/01/2018			Published: 30/01/2018		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	7.0	65.0	2594	247	22	63	133
S3	8.1	32.0	1474	196	17	213	165
S4	7.4	81.0	2570	229	8	31	203
S6	8.1	96.0	2631	168	25	52	135
S7	8.0	22.0	2352	204	13	63	71
S8	8.3	17.0	2204	222	52	65	264

Sampled: 16/07/2018		Obtained: 26/07/2018			Published: 30/07/2018		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	7.3	14.3	2522	182	4	31	8
S3	8.3	21.9	1454	46	6	37	94
S4	7.3	72.8	2574	191	13	33	119
S5	8.5	97.8	1586	49	25	37	272
S6	8.2	26.5	2422	199	4	39	73
S7	7.6	41.8	2599	191	8	33	80
S8	7.9	127.0	2535	217	49	41	1247

Sampled: 16/01/2019		Obtained: 01/02/2019			Published: 11/02/2019		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	7.1	16.1	2564	188	10	32	8
S4	7.3	66.8	2633	223	18	33	159
S6	8.8	103.8	2265	102	10	47	673
S7	7.6	36.0	2669	220	<2	33	106
S8	8.4	89.8	2486	215	28	38	159

Sampled: 17/07/2019		Obtained: 29/07/2019			Published: 27/08/2019		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	6.8	144.0	2360	221	52	32	4250
S4	7.2	42.0	2420	201	8	29	55
S6	8.2	21.0	2140	163	2	30	64
S7	7.4	51.0	2440	203	7	28	144
S8	7.7	44.0	2400	206	8	29	114

Sampled: 28/01/2020		Obtained: 13/02/2020			Published: 29/04/2020		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	6.9	57.0	2680	238	13	31	18
S4	7.3	79.5	2570	217	11	31	191
S6	8.4	23.8	1410	63	6	29	114
S7	7.7	62.0	2410	201	22	32	102
S8	7.6	123.9	2400	198	16	34	143

Sampled: 21/07/2020		Obtained: 03/08/2020			Published: 27/08/2020		
Sample Point	pH	BOD (mg/L)	Conductivity (microS/cm)	Nitrogen (mg/L)	Oil & Grease (mg/L)	Phosphorus (mg/L)	Suspended Solids (mg/L)
S2	6.7	29.4	2133	144	4	25	31
S3	7.7	16.4	2080	74	337	23	68
S4	7.1	51.2	2050	137	11	24	134
S5	8.5	15.6	1640	36	7	30	302
S6	8.1	16.4	1990	119	12	26	88
S7	7.5	22.8	2100	149	359	25	72
S8	7.4	32.4	2054	144	2	24	77