

## Monitoring Point 7 - Casino Site

Licensee: Northern Co-operative Meat Company

Date Sampled	Date Obtained	Date Published	pH	BOD (mg/L)	Conductivity (microS/cm)	Faecal Coliforms (cfu / 100 mL)	Nitrogen (mg/L)	Ammonia (mg/L)	Phosphorus (mg/L)
19/06/2012	09/07/2012	09/07/2012	7.4	< 2	450	20	1		< 0.01
27/11/2012	07/12/2012	14/12/2012	7.7	< 2	118	84	1		0.06
31/07/2013	12/08/2013	14/08/2013	7.7	3	865	170	0.6		< 0.01
13/11/2013	26/11/2013	27/11/2013	8.1	4	560	1000	1.5		1.3
24/07/2014	07/08/2014	08/08/2014	5.5	3	672	10	2.2		0.26
13/11/2014	27/11/2014	02/12/2014	7.8	< 2	530	10	1.9		0.22
13/07/2015	20/07/2015	18/09/2015	7.8	3	748	29	1.8		0.39
30/10/2015	09/11/2015	27/11/2015	7.7	4	802	200	1.2		0.18
23/02/2016	14/03/2016	15/03/2016	7.1	11	540	10	1.6		0.25
24/06/2016	05/07/2016	06/07/2016	6.8	2	330	90	1.8		0.52
21/09/2016	07/10/2016	07/04/2017	7.1	2	855	130	1.0		0.11
29/03/2017	06/04/2017	07/04/2017	6.7	6.2	451	100	3.0		1.32
20/09/2017	04/10/2017	12/10/2017	7.6	<1	1017	20	1.2		0.1
11/01/2018	23/01/2018	30/01/2018	6.7	4.3	491	160	2.2		0.3
16/07/2018	26/07/2018	30/07/2018	7.5	5.8	498	<10	1.4		0.19
16/01/2019	01/02/2019	22/08/2019	7.5	1.7	626	<10	1.4	0.145	0.14
16/07/2019	25/07/2019	27/08/2019	7.3	4.6	340	150	0.8	0.220	0.15
31/10/2019	14/11/2019	14/01/2020	7.6	<1	882	20	1.0	0.072	0.15
07/02/2020	20/02/2020	21/02/2020	6.7	4.1	169	2500	2.1	1.880	0.56
09/04/2020	20/04/2020	21/01/2021	7.0	3.4	350	10	2.6	<0.5	0.41
20/07/2020	03/08/2020	27/08/2020	7.4	15	636	120	1.3	<0.5	0.16
26/10/2020	11/11/2020	25/11/2020	7.6	66.4	2358	28	18.5	0.745	3.18
19/01/2021	29/01/2021	05/02/2021	6.6	3.7	93	2800	0.8	0.122	0.3
27/01/2021	10/02/2021	16/02/2021	6.7	28	160	290	1.5	0.091	0.24
19/02/2021	26/02/2021	26/02/2021	6.3	5.4	100	25600	1.3	0.036	0.28
04/03/2021	15/03/2021	09/04/2021	6.4	2.5	117	9500	1.7	0.218	0.21
07/04/2021	23/04/2021	27/04/2021	6.9	1.1	206	3800	0.88	0.114	0.13

## Monitoring Point 8 - Casino Site

Date Sampled	Date Obtained	Date Published	pH	BOD (mg/L)	Conductivity (microS/cm)	Faecal Coliforms (cfu / 100 mL)	Nitrogen (mg/L)	Ammonia (mg/L)	Phosphorus (mg/L)
19/06/2012	09/07/2012	09/07/2012	6.7	< 2	340	110	1.4		0.06
27/11/2012	07/12/2012	14/12/2012	7.6	7	2930	24	1.3		0.03
31/07/2013	12/08/2013	14/08/2013	8.1	4	320	110	3.2		0.13
13/11/2013	26/11/2013	27/11/2013	7.4	7	1900	120000	1.6		< 0.01
26/08/2014	08/09/2014	02/12/2014	7.9	3	660	120	1.8		0.16
13/07/2015	20/07/2015	18/09/2015	7.6	3	320	43	0.8		0.14
30/10/2015	09/11/2015	27/11/2015	7.6	3	443	1000	1.2		0.16
23/02/2016	14/03/2016	15/03/2016	6.4	4	463	110	0.8		0.23
24/06/2016	05/07/2016	06/07/2016	7.2	4	479	170	1.4		0.33
21/09/2016	07/10/2016	07/04/2017	6.6	9	750	320	2.1		0.38
29/03/2017	06/04/2017	07/04/2017	6.6	9.3	513	30	2.9		0.68
20/09/2017	04/10/2017	12/10/2017	6.1	3.4	191	<10	2.0		0.22
11/01/2018	23/01/2018	30/01/2018	6.4	5.4	292	10	1.5		0.26
16/07/2018	26/07/2018	30/07/2018	7.3	0.9	656	<10	0.1		0.12
16/07/2019	25/07/2019	27/08/2019	7.5	2	469	60	2.0	0.093	0.3
07/02/2020	20/02/2020	21/02/2020	6.3	2.6	85	2500	1.3	0.675	0.25
09/04/2020	20/04/2020	21/01/2021	7.4	2.2	315	20	1.6	<0.5	0.52
19/01/2021	29/01/2021	05/02/2021	6.3	3.2	53	6000	1.0	0.070	0.1
27/01/2021	10/02/2021	16/02/2021	7.2	1.9	228	280	1.2	0.108	0.14
19/02/2021	26/02/2021	26/02/2021	6.2	3.8	60	13600	1.4	0.024	0.18
04/03/2021	15/03/2021	09/04/2021	6.3	3.2	81	760	1.8	0.166	0.11
07/04/2021	23/04/2021	27/04/2021	6.5	1	47	1960	1.12	0.134	0.12

**Monitoring Point 9 - Casino Site**

Date Sampled	Date Obtained	Date Published	pH	BOD (mg/L)	Conductivity (microS/cm)	Faecal Coliforms (cfu / 100 mL)	Nitrogen (mg/L)	Ammonia (mg/L)	Phosphorus (mg/L)
19/06/2012	09/07/2012	09/07/2012	7.7	3	600	180	3.1		0.2
27/11/2012	07/12/2012	14/12/2012	7.5	2	1980	740	0.8		0.02
31/07/2013	12/08/2013	14/08/2013	7.9	7	970	350	6.9		0.44
13/11/2013	26/11/2013	27/11/2013	8.3	8	2200	1000	4.2		0.03
24/07/2014	07/08/2014	08/08/2014	5.6	< 2	2940	190	7.5		0.03
13/11/2014	27/11/2014	02/12/2014	7.8	< 2	2280	90	5.2		1.6
13/07/2015	20/07/2015	18/09/2015	7.6	4	1690	60	9.8		0.14
30/10/2015	09/11/2015	27/11/2015	7.4	3	1370	180	5.2		0.05
23/02/2016	14/03/2016	15/03/2016	4.7	9	170	300	1.2		0.3
24/06/2016	05/07/2016	06/07/2016	6.5	4	429	80	2.0		0.36
21/09/2016	07/10/2016	07/04/2017	6.7	15	850	590	5.4		4.73
29/03/2017	06/04/2017	07/04/2017	6.9	11.6	1085	<10	4.0		2.15
20/09/2017	04/10/2017	12/10/2017	7.0	8.4	1385	<10	2.2		1.78
11/01/2018	23/01/2018	30/01/2018	7.1	4.5	940	<10	1.8		0.51
16/07/2018	26/07/2018	30/07/2018	7.6	15.6	2583	40	3.1		0.38
16/07/2019	25/07/2019	27/08/2019	7.1	2.2	2890	100	1.7	0.341	0.08
07/02/2020	20/02/2020	21/02/2020	6.7	6.7	1420	1500	4.1	1.5500	0.84
09/04/2020	20/04/2020	21/01/2021	7.0	3.4	1990	90	1.9	<0.5	0.22
20/07/2020	03/08/2020	27/08/2020	7.3	<1	2449	102	2.4	<0.5	0.41
26/10/2020	11/11/2020	25/11/2020	7.2	3.8	501	520	1.7	0.1230	1.49
19/01/2021	29/01/2021	05/02/2021	6.6	4.5	499	6000	2.6	0.1610	0.3
27/01/2021	10/02/2021	16/02/2021	6.8	2.3	381	300	2.2	0.3050	0.62
19/02/2021	26/02/2021	26/02/2021	6.6	4	1079	1700	5.5	0.2510	0.23
04/03/2021	15/03/2021	09/04/2021	6.7	2.8	558	5700	4.1	0.5000	0.56
07/04/2021	23/04/2021	27/04/2021	6.7	2.8	311	7600	1.87	0.181	0.27

**Monitoring Point 10 - Casino Site**

Date Sampled	Date Obtained	Date Published	pH	BOD (mg/L)	Conductivity (microS/cm)	Faecal Coliforms (cfu / 100 mL)	Nitrogen (mg/L)	Ammonia (mg/L)	Phosphorus (mg/L)
19/06/2012	09/07/2012	09/07/2012	7	3	530	180	2.2		0.27
27/11/2012	07/12/2012	14/12/2012	6.9	< 2	720	480	1.9		0.14
31/07/2013	12/08/2013	14/08/2013	7.3	4	672	1200	8		0.77
13/11/2013	26/11/2013	27/11/2013	7.3	12	970	14000	6.7		0.11
24/07/2014	07/08/2014	08/08/2014	6.4	3	1220	28000	2.5		0.24
13/07/2015	20/07/2015	18/09/2015	7.2	2	705	200	2.1		0.3
30/10/2015	09/11/2015	27/11/2015	7.1	4	438	900	1.3		0.92
23/02/2016	14/03/2016	15/03/2016	6.3	3	483	300	1.9		0.35
24/06/2016	05/07/2016	06/07/2016	6.3	3	589	80	2.0		0.87
21/09/2016	07/10/2016	07/04/2017	6.8	4	641	3900	2.7		0.72
29/03/2017	06/04/2017	07/04/2017	6.7	8.6	691	100	5.0		2.26
20/09/2017	04/10/2017	12/10/2017	6.4	12.7	397	20	3.2		0.9
11/01/2018	23/01/2018	30/01/2018	6.3	5.3	554	40	6.9		0.28
16/07/2018	26/07/2018	30/07/2018	6.5	4.4	914	40	2.3		0.63
16/07/2019	25/27/2019	27/08/2019	6.8	1.5	746	130	1.8	0.061	0.66
07/02/2020	20/02/2020	21/02/2020	6.3	3.8	541	800	1.8	1.6	0.75
09/04/2020	20/04/2020	21/01/2021	6.5	4	864	210	3.3	<0.5	1.43
20/07/2020	03/08/2020	27/08/2020	6.6	17	692	110	2.5	<0.5	7.96
19/01/2021	29/01/2021	05/02/2021	6.4	4.5	181	7000	1.8	0.2	0.83
27/01/2021	10/02/2021	16/02/2021	6.6	5.4	331	560	2.8	0.1	2.25
19/02/2021	26/02/2021	26/02/2021	6.8	5.2	424	3000	3.5	0.5	2.37
04/03/2021	15/03/2021	09/04/2021	6.6	3	263	4360	3.5	0.2	0.85
07/04/2021	23/04/2021	27/04/2021	6.6	2.1	184	3800	2.51	0.143	0.79

**Monitoring Point 11 - Casino Site**

Date Sampled	Date Obtained	Date Published	pH	BOD (mg/L)	Conductivity (microS/cm)	Faecal Coliforms (cfu / 100 mL)	Nitrogen (mg/L)	Ammonia (mg/L)	Phosphorus (mg/L)
31/10/2019	14/11/2019	14/01/2020	7.1	35	428	90	7.81	0.189	3.42
07/02/2020	20/02/2020	21/02/2020	7.1	11.9	564	390000	5.7	2.0	2.46
09/04/2020	20/04/2020	21/01/2021	7.4	2.6	507	240	0.6	<0.5	0.08
20/07/2020	03/08/2020	27/08/2020	7.8	<1	364	33	1.1	<0.5	0.2
26/10/2020	11/11/2020	25/11/2020	7.4	2.6	446	113	0.2	0.1	0.09
19/01/2021	29/01/2021	05/02/2021	6.8	2.7	327	6200	1.6	0.2	0.91
27/01/2021	10/02/2021	16/02/2021	7.1	1.2	596	350	1.5	0.2	0.91
19/02/2021	26/02/2021	26/02/2021	6.5	4.4	270	18000	2.2	0.1	0.54
04/03/2021	15/03/2021	09/04/2021	6.8	3.4	282	14800	5.0	0.6	2.57
07/04/2021	23/04/2021	27/04/2021	6.8	3.2	153	9500	2.44	0.364	1.91

**Monitoring Point 12 - Casino Site**

Date Sampled	Date Obtained	Date Published	pH	BOD (mg/L)	Conductivity (microS/cm)	Faecal Coliforms (cfu / 100 mL)	Nitrogen (mg/L)	Ammonia (mg/L)	Phosphorus (mg/L)
07/02/2020	20/02/2020	21/02/2020	6.4	5.1	302	2000	5.0	1.5	0.75
09/04/2020	20/04/2020	21/01/2021	6.6	3	501	310	1.3	<0.5	0.12
20/07/2020	03/08/2020	27/08/2020	6.7	5.7	1702	170	3.1	0.6	0.46
19/01/2021	29/01/2021	05/02/2021	5.9	3.9	116	7200	1.5	0.1	0.15
27/01/2021	10/02/2021	16/02/2021	6.3	4.4	328	2320	1.8	0.1	0.25
19/02/2021	26/02/2021	26/02/2021	5.7	4.6	157	7800	2.2	0.0	0.16
04/03/2021	15/03/2021	09/04/2021	6.9	5.2	300	11400	2.9	0.2	0.3
07/04/2021	23/04/2021	27/04/2021	6.8	2.3	78	5700	1.42	0.137	0.11

**Monitoring Point 13 - Casino Site**

Date Sampled	Date Obtained	Date Published	pH	BOD (mg/L)	Conductivity (microS/cm)	Faecal Coliforms (cfu / 100 mL)	Nitrogen (mg/L)	Ammonia (mg/L)	Phosphorus (mg/L)
31/10/2019	14/11/2019	14/01/2020	6.6	82	253	150	33.6	0.178	26.7
07/02/2020	20/02/2020	21/02/2020	6.4	10.5	649	200	13.0	2.0	3.14
09/04/2020	20/04/2020	21/01/2021	6.9	4.8	1120	30	2.6	<0.5	0.73
20/07/2020	03/08/2020	27/08/2020	7.1	4.4	1385	720	2.2	<0.5	4.4
26/10/2020	11/11/2020	25/11/2020	7.6	1.3	1270	3900	0.9	0.1	0.08
19/01/2021	29/01/2021	05/02/2021	6.6	13.2	382	7000	2.3	0.1	0.38
27/01/2021	10/02/2021	16/02/2021	6.6	4.7	0.339	2120	2.0	0.1	0.32
19/02/2021	26/02/2021	26/02/2021	6.6	15.2	454	36400	3.3	0.0	0.41
04/03/2021	15/03/2021	09/04/2021	6.7	4.8	253	720	2.3	0.1	0.12
07/04/2021	23/04/2021	27/04/2021	6.6	4.3	262	5700	5.63	2.11	0.92

**Monitoring Point 14 - Casino Site**

Date Sampled	Date Obtained	Date Published	pH	BOD (mg/L)	Conductivity (microS/cm)	Faecal Coliforms (cfu / 100 mL)	Nitrogen (mg/L)	Ammonia (mg/L)	Phosphorus (mg/L)
12/08/2019	20/08/2019	27/08/2019	7.5	2.7	301	30	1.18	0.098	0.07
31/10/2019	14/11/2019	14/01/2020	8.7	<1	5000	10	1.3	0.069	0.32
07/02/2020	20/02/2020	21/02/2020	7.2	2.8	2130	1100	3.4	1.6	0.51
09/04/2020	20/04/2020	21/01/2021	7.6	3.4	2560	10	15.3	<0.5	0.12
20/07/2020	03/08/2020	27/08/2020	8.4	2.6	4049	12	21.1	<0.5	2.6
26/10/2020	11/11/2020	25/11/2020	8.3	6.8	3860	47	1.5	0.1	0.18
19/01/2021	29/01/2021	05/02/2021	6.6	5.7	134	4000	1.1	0.1	0.29
27/01/2021	10/02/2021	16/02/2021	6.8	3.3	0.38	250	2.7	0.2	0.37
19/02/2021	26/02/2021	26/02/2021	6.8	5.9	1074	600	6.4	0.4	0.24
04/03/2021	15/03/2021	09/04/2021	6.9	2.5	915	7600	7.6	0.4	0.22
07/04/2021	23/04/2021	27/04/2021	6.9	1.8	244	2880	1.47	0.21	0.17