Monitoring Point 3 - Casino Site **EPL No. 1461**

Licensee: Northern Co-operative Meat Company

Sampled:	15/11/2012		**Obtained:**	06/12/2012		**Published:**	28/11/2013	
Sample Point	**pH**	**Calcium (mg/kg)**	**Chromium 6 (mg/kg)**	**Conductivity (microS/cm)**	**Magnesium (mg/kg)**	**Nitrogen (mg/kg)**	**Phosphorus (mg/kg)**	**Sodium (mg/kg)**
A1	6.1	1730	<2	235	240	2750	547	230
A1X	6	850	<2	73	320	1530	478	60
B1	5.6	3780	<4	429	270	9410	1860	90
B1X	5.7	860	<2	220	200	1010	261	180
B2	5.6	1710	<2	100	220	37700	10500	110
B2X	5.9	2290	<4	86	140	2130	347	120
C1	6.3	8020	<4	93	670	5860	4430	240
C1X	6.4	2730	3.4	50	400	2910	1580	100
D1	6.3	9120	<10	3430	1770	15500	1130	5100
D1X	5.5	1170	<2	293	300	3280	2780	290
E1	5	2960	<20	110	530	5210	1210	190
E1X	6.3	5920	<4	2170	790	8010	560	2190
E2	4.3	3190	<20	204	480	22800	4950	100
E2X	5.7	2480	<4	2020	480	35200	573	1580
PE1	4.9	560	4.9	98	160	3480	429	<50
F1	5.9	420	<2	42	360	1880	260	70
F1X	6	400	<2	21	170	900	109	<50

Sampled:	22/11/2013		**Obtained:**	27/11/2013		**Published:**	28/11/2013	
Sample Point	**pH**	**Calcium (mg/kg)**	**Chromium 6 (mg/kg)**	**Conductivity (microS/cm)**	**Magnesium (mg/kg)**	**Nitrogen (mg/kg)**	**Phosphorus (mg/kg)**	**Sodium (mg/kg)**
A1	5.6	1210	<2.5	256	190	1840	599	200
A1X	5.7	900	<2.5	86	280	1210	461	<50
B1	5.4	3180	<5	178	310	7950	1450	120
B1X	5.4	1090	<2.5	182	230	2870	838	160
B2	5.4	3210	<5	121	300	7290	2730	150
B2X	5.6	2430	<5	84	160	5840	981	90
C1	6	7810	<5	98	660	3300	3010	180
C1X	5.5	2160	<2.5	136	360	2070	1310	130
D1	6.2	7940	<5	2620	1400	12000	1230	2740
D1X	5.5	1400	<2.5	204	360	3360	441	240
E1	4.4	3550	<12.5	308	620	15300	3930	390
E1X	6.7	6110	<5	682	810	14000	1710	790
E2	4.1	2250	<5	153	320	8530	4170	70
E2X	6.4	3810	<2.5	647	590	9060	773	560
PE1	4.6	330	<2.5	234	100	3070	439	100
F1	5.4	460	<2.5	36	420	1520	284	70
F1X	5.5	480	<2.5	28	200	1070	141	50

Sampled:	06/11/2014		**Obtained:**	21/11/2014		**Published:**	25/11/2014	
Sample Point	**pH**	**Calcium (mg/kg)**	**Chromium 6 (mg/kg)**	**Conductivity (microS/cm)**	**Magnesium (mg/kg)**	**Nitrogen (mg/kg)**	**Phosphorus (mg/kg)**	**Sodium (mg/kg)**
A1	6.2	1790	< 4	86	240	3210	846	120
A1X	6.3	1050	< 4	91	220	1300	422	< 50
B1	5.6	3080	< 10	428	390	6640	1220	500
B1X	5.8	1160	< 4	124	260	3700	768	120
B2	5.2	2020	< 10	181	240	6280	1930	220
B2X	5.8	2930	< 10	94	220	6340	883	140
C1	6.2	5870	< 4	46	550	3750	2400	120
C1X	6.3	3930	< 4	73	500	3220	1890	240
D1	6.2	8450	< 10	1950	1300	12800	1050	2350
D1X	5.6	1260	< 4	559	380	2730	406	640
E1	4.6	4920	< 40	340	780	17600	3740	460
E1X	6.4	6580	< 20	1690	820	10400	946	1230
E2	4.3	3610	< 40	136	480	13300	4420	80
E2X	6.1	2740	< 10	1050	440	6840	812	640
PE1	4.9	300	< 10	119	100	1860	332	< 50
F1	5.9	390	< 4	61	260	1560	347	110
F1X	5.9	420	< 4	27	180	980	138	60

Sampled: 26/11/2015			**Obtained:** 22/01/2016			**Published:** 09/02/2016		
Sample Point	**pH**	**Calcium (mg/kg)**	**Chromium 6 (mg/kg)**	**Conductivity (microS/cm)**	**Magnesium (mg/kg)**	**Nitrogen (mg/kg)**	**Phosphorus (mg/kg)**	**Sodium (mg/kg)**
A1	5.5	485	<1	110	79	1200	136	35
A1X	6.2	321	<1	40	58	1180	109	14
B1	5.8	1860	<1	250	198	7030	148	291
B1X	6.2	681	<1	60	137	2150	1	73
B2	5.9	1090	<1	120	175	7410	235	201
B2X	5.7	1660	<1	140	121	6400	92	139
C1	6.1	1990	<1	90	329	2480	327	38
C1X	6.1	949	<1	60	207	2160	338	84
D1	5.9	1240	<1	240	270	2690	259	278
D1X	5.7	1090	<1	530	258	2970	29	545
E1	4.4	749	<1	100	120	6370	551	27
E1X	5.9	953	<1	40	93	1980	16	8
E2	4.9	837	<1	290	132	3830	87	225
E2X	6.6	1830	<1	360	216	5070	38	163
PE1	4.8	229	<1	50	53	2840	134	35
F1	5.5	263	<1	100	171	1620	35	115
F1X	6.0	242	<1	40	101	1020	8	55

Sampled: 01/11/2016	**Obtained:** 01/12/2016			**Published:** 20/02/2018		
Pollutant	**Unit of Measure**	**No. of Sampes required**	**No. of samples collected and analysed**	**Lowest Sample Value**	**Mean of Sample**	**Highest sampe value**
Calcium	milligrams per kilogram	17	17	56	621	2049
Chromium (hexavalent)	milligrams per kilogram	17	17	0	0	0
Conductivity	microsiemens per centimetre	17	17	13	240	1780
Magnesium	milligrams per kilogram	17	17	43.8	181.3	551
Nitrogen	milligrams per kilogram	17	17	906	1992	4460
pH	pH	17	17	4.97	5.78	6.9
Phosphorus(total)	milligrams per kilogram	17	17	2.2	82.5	297
Sodium	milligrams per kilogram	17	17	6.8	199	1167

Sampled: 12/12/2017	**Obtained:** 30/01/2018			**Published:** 20/02/2018		
Pollutant	**Unit of Measure**	**No. of Sampes required**	**No. of samples collected and analysed**	**Lowest Sample Value**	**Mean of Sample**	**Highest sampe value**
Calcium	milligrams per kilogram	17	17	146	781	2542
Chromium (hexavalent)	milligrams per kilogram	17	17	<0.5	<0.5	<0.5
Conductivity	microsiemens per centimetre	17	17	37	242	1821
Magnesium	milligrams per kilogram	17	17	37	156	527
Nitrogen	milligrams per kilogram	17	17	656	2118	4518
pH	pH	17	17	4.95	6.11	7.16
Phosphorus(total)	milligrams per kilogram	17	17	29	156	424
Sodium	milligrams per kilogram	17	17	9	270	1796

Sampled: 20/11/2018	**Obtained:** 03/12/2018			**Published:** 04/12/2018		
Pollutant	**Unit of Measure**	**No. of Sampes required**	**No. of samples collected and analysed**	**Lowest Sample Value**	**Mean of Sample**	**Highest sampe value**
Calcium	milligrams per kilogram	17	17	119	1183	4163
Chromium (hexavalent)	milligrams per kilogram	17	17	<0.5	<0.5	0.7
Conductivity	microsiemens per centimetre	17	17	34	209	1270
Magnesium	milligrams per kilogram	17	17	34	200	358
Nitrogen	milligrams per kilogram	17	17	980	6210	16900
pH	pH	17	17	4.32	5.64	7.64
Phosphorus(total)	milligrams per kilogram	17	17	48	335	1151

Sodium	milligrams per kilogram	17	17	16	181	1419

Sampled: 02/12/2019 **Obtained:** 16/12/2019 **Published:** 29/04/2020

Pollutant	Unit of Measure	No. of Sampes required	No. of samples collected and analysed	Lowest Sample Value	Mean of Sample	Highest sampe value
Calcium	milligrams per kilogram	23	23	15	636	6207
Chromium (hexavalent)	milligrams per kilogram	23	23	<0.5	<0.5	1
Conductivity	microsiemens per centimetre	23	23	21	273	3320
Magnesium	milligrams per kilogram	23	23	4	186	976
Nitrogen	milligrams per kilogram	23	23	200	1876	31400
pH	pH	23	23	4.04	5.66	7.79
Phosphorus(total)	milligrams per kilogram	23	23	6	148	1144
Sodium	milligrams per kilogram	23	23	16	293	3287

Sampled: 21/10/2020 **Obtained:** 17/11/2020 **Published:** 29/02/2021

Pollutant	Unit of Measure	No. of Sampes required	No. of samples collected and analysed	Lowest Sample Value	Mean of Sample	Highest sampe value
Calcium	milligrams per kilogram	23	23	17	701	6666
Chromium (hexavalent)	milligrams per kilogram	23	23	<0.5	<0.5	1.3
Conductivity	microsiemens per centimetre	23	23	10	230	3490
Magnesium	milligrams per kilogram	23	23	4	179	1197
Nitrogen	milligrams per kilogram	23	23	200	2214	22700
pH	pH	23	23	4.21	5.68	7.75
Phosphorus(total)	milligrams per kilogram	23	23	2	167	1058
Sodium	milligrams per kilogram	23	23	16	318	3598

Sampled: 20/12/2021 **Obtained:** 19/01/2022 **Published:** 07/02/2022

Pollutant	Unit of Measure	No. of Sampes required	No. of samples collected and analysed	Lowest Sample Value	Mean of Sample	Highest sampe value
Calcium	milligrams per kilogram	23	23	17	670	4987
Chromium (hexavalent)	milligrams per kilogram	23	23	<0.5	<0.5	2.4
Conductivity	microsiemens per centimetre	23	23	10	140	2080
Magnesium	milligrams per kilogram	23	23	1	188	1021
Nitrogen	milligrams per kilogram	23	23	210	1796	17100
pH	pH	23	23	4.13	5.84	8.26
Phosphorus(total)	milligrams per kilogram	23	23	51	477	3345
Sodium	milligrams per kilogram	23	23	15	187	2643

Sampled: 20/12/2022 **Obtained:** 18/01/2023 **Published:** 22/09/2023

Pollutant	Unit of Measure	No. of Sampes required	No. of samples collected and analysed	Lowest Sample Value	Mean of Sample	Highest sampe value
Calcium	milligrams per kilogram	23	23	28	667	4256
Chromium (hexavalent)	milligrams per kilogram	23	23	0.5	<0.5	1.6
Conductivity	microsiemens per centimetre	23	23	2	200	1980
Magnesium	milligrams per kilogram	23	23	20	173	1245
Nitrogen	milligrams per kilogram	23	23	213	1581	11500
pH	pH	23	23	4.42	6.05	7.84
Phosphorus(total)	milligrams per kilogram	23	23	1	109	622
Sodium	milligrams per kilogram	23	23	15	232	2353
