

Monitoring Point 5 - Casino Site

EPL No. 1461

Licensee: Northern Co-operative Meat Company

Year 2012		Monitoring Results			Dates		
Pollutant	Unit	Minimum	Mean	Maximum	Sampled	Obtained	Published
pH	pH units	10.2	10.4	10.6	10/05/2012	08/06/2012	10/12/2012
BOD	(mg/L)	5200	5900	6600	10/05/2012	08/06/2012	10/12/2012
Chromium 6	(mg/L)	<0.05	<0.05	<0.05	10/05/2012	08/06/2012	10/12/2012
Conductivity	(mS / cm)	9.4	10.5	11.7	10/05/2012	08/06/2012	10/12/2012
Nitrogen (total)	(mg/L)	440	653	790	10/05/2012	08/06/2012	10/12/2012
Oil & Grease	(mg/L)	42	73	120	10/05/2012	08/06/2012	10/12/2012
Phosphorus (total)	(mg/L)	9.9	12	14	10/05/2012	08/06/2012	10/12/2012
Total Dissolved Solids	(mg/L)	8100	9233	10000	10/05/2012	08/06/2012	10/12/2012
Total Suspended Solids	(mg/L)	3700	4500	5300	10/05/2012	08/06/2012	10/12/2012

Year 2012		Monitoring Results			Dates		
Pollutant	Unit	Minimum	Mean	Maximum	Sampled	Obtained	Published
pH	pH units	11.2	11.3	11.4	01/11/2012	03/12/2012	10/12/2012
BOD	(mg/L)	8300	9567	11000	01/11/2012	03/12/2012	10/12/2012
Chromium 6	(mg/L)	< 0.01	< 0.01	< 0.01	01/11/2012	03/12/2012	10/12/2012
Conductivity	(mS / cm)	11.5	11.6	11.7	01/11/2012	03/12/2012	10/12/2012
Nitrogen (total)	(mg/L)	780	830	930	01/11/2012	03/12/2012	10/12/2012
Oil & Grease	(mg/L)	240	460	620	01/11/2012	03/12/2012	10/12/2012
Phosphorus (total)	(mg/L)	13	15	17	01/11/2012	03/12/2012	10/12/2012
Total Dissolved Solids	(mg/L)	12000	12667	13000	01/11/2012	03/12/2012	10/12/2012
Total Suspended Solids	(mg/L)	4900	5600	6700	01/11/2012	03/12/2012	10/12/2012

Year 2013		Monitoring Results			Dates		
Pollutant	Unit	Minimum	Mean	Maximum	Sampled	Obtained	Published
pH	pH units	10.1	10.5	10.9	11/04/2013	20/06/2013	21/06/2013
BOD	(mg/L)	4100	7533	9900	11/04/2013	20/06/2013	21/06/2013
Chromium 6	(mg/L)	< 0.005	< 0.005	< 0.005	11/04/2013	20/06/2013	21/06/2013
Conductivity	(mS / cm)	8.7	9.1	9.6	11/04/2013	20/06/2013	21/06/2013
Nitrogen (total)	(mg/L)	740	870	1000	11/04/2013	20/06/2013	21/06/2013
Oil & Grease	(mg/L)	98	176	220	11/04/2013	20/06/2013	21/06/2013
Phosphorus (total)	(mg/L)	13	15	16	11/04/2013	20/06/2013	21/06/2013
Total Dissolved Solids	(mg/L)	10000	11000	12000	11/04/2013	20/06/2013	21/06/2013
Total Suspended Solids	(mg/L)	4400	4867	5500	11/04/2013	20/06/2013	21/06/2013

Year 2013		Monitoring Results			Dates		
Pollutant	Unit	Minimum	Mean	Maximum	Sampled	Obtained	Published
pH	pH units	9.5	10.4	11.8	10/10/2013	07/11/2013	13/11/2013
BOD	(mg/L)	1700	1833	1900	10/10/2013	07/11/2013	13/11/2013
Chromium 6	(mg/L)	< 0.5	< 0.5	< 0.5	10/10/2013	13/11/2013	13/11/2013
Conductivity	(mS / cm)	6.6	9.7	11.8	10/10/2013	07/11/2013	13/11/2013
Nitrogen (total)	(mg/L)	550	833	1100	10/10/2013	07/11/2013	13/11/2013
Oil & Grease	(mg/L)	980	1193	1600	10/10/2013	07/11/2013	13/11/2013
Phosphorus (total)	(mg/L)	14	15	16	10/10/2013	07/11/2013	13/11/2013
Total Dissolved Solids	(mg/L)	10000	10667	11000	10/10/2013	07/11/2013	13/11/2013
Total Suspended Solids	(mg/L)	3300	4333	5200	10/10/2013	07/11/2013	13/11/2013

Year 2014		Monitoring Results			Dates		
Pollutant	Unit	Minimum	Mean	Maximum	Sampled	Obtained	Published
pH	pH units	9.3	10	10.6	13/03/2014	13/03/2014	11/04/2014
BOD	(mg/L)	4300	4967	5800	13/03/2014	03/04/2014	11/04/2014
Chromium 6	(mg/L)	< 0.05	0.2	0.28	13/03/2014	16/04/2014	02/05/2014
Conductivity	(microS / cm)	4900	5100	5300	13/03/2014	03/04/2014	11/04/2014
Nitrogen (total)	(mg/L)	420	757	940	13/03/2014	03/04/2014	11/04/2014
Oil & Grease	(mg/L)	1500	1933	2700	13/03/2014	03/04/2014	11/04/2014
Phosphorus (total)	(mg/L)	14	15.7	17	13/03/2014	11/04/2014	11/04/2014
Total Dissolved Solids	(mg/L)	11000	11000	11000	13/03/2014	03/04/2014	11/04/2014
Total Suspended Solids	(mg/L)	4300	6400	9000	13/03/2014	03/04/2014	11/04/2014

Year 2014		Monitoring Results			Dates		
Pollutant	Unit	Minimum	Mean	Maximum	Sampled	Obtained	Published
pH	pH units	11.7	12	12.3	06/11/2014	06/11/2014	20/11/2014
BOD	(mg/L)	1700	1733	1800	06/11/2014	18/11/2014	20/11/2014
Chromium 6	(mg/L)	< 0.05	< 0.05	< 0.05	06/11/2014	18/11/2014	20/11/2014
Conductivity	(microS / cm)	8480	9230	9600	06/11/2014	06/11/2014	20/11/2014
Nitrogen (total)	(mg/L)	780	960	1100	06/11/2014	18/11/2014	20/11/2014
Oil & Grease	(mg/L)	120	393	610	06/11/2014	18/11/2014	20/11/2014
Phosphorus (total)	(mg/L)	13	15.3	19	06/11/2014	18/11/2014	20/11/2014
Total Dissolved Solids	(mg/L)	8100	10033	11000	06/11/2014	18/11/2014	20/11/2014
Total Suspended Solids	(mg/L)	2800	3700	5100	06/11/2014	18/11/2014	20/11/2014

Year 2015		Monitoring Results			Dates		
Pollutant	Unit	Minimum	Mean	Maximum	Sampled	Obtained	Published
pH	pH units	9.9	10.7	11.7	16/07/2015	23/07/2015	17/09/2015
BOD	(mg/L)	910	1047	1300	16/07/2015	23/07/2015	17/09/2015
Chromium 6	(mg/L)	<0.05	<0.05	<0.1	16/07/2015	23/07/2015	17/09/2015
Conductivity	(microS / cm)	8900	9267	10000	16/07/2015	23/07/2015	17/09/2015
Nitrogen (total)	(mg/L)	640	720	760	16/07/2015	23/07/2015	17/09/2015
Oil & Grease	(mg/L)	110	177	280	16/07/2015	23/07/2015	17/09/2015
Phosphorus (total)	(mg/L)	7.4	10.1	13	16/07/2015	23/07/2015	17/09/2015
Total Dissolved Solids	(mg/L)	8200	10000	12000	16/07/2015	23/07/2015	17/09/2015
Total Suspended Solids	(mg/L)	1300	1967	2500	16/07/2015	23/07/2015	17/09/2015

Year 2015		Monitoring Results			Dates		
Pollutant	Unit	Minimum	Mean	Maximum	Sampled	Obtained	Published
pH	pH units	9.9	10.1	10.4	11/05/2015	26/11/2015	12/03/2015
BOD	(mg/L)						
Chromium 6	(mg/L)	<0.05	<0.05	<0.05	11/05/2015	26/11/2015	12/03/2015
Conductivity	(microS / cm)	9000	10467	13000	11/05/2015	26/11/2015	12/03/2015
Nitrogen (total)	(mg/L)	630	907	1100	11/05/2015	26/11/2015	12/03/2015
Oil & Grease	(mg/L)	490	4163	8700	11/05/2015	26/11/2015	12/03/2015
Phosphorus (total)	(mg/L)	5.8	15.9	27	11/05/2015	26/11/2015	12/03/2015
Total Dissolved Solids	(mg/L)	12000	13667	16000	11/05/2015	26/11/2015	12/03/2015
Total Suspended Solids	(mg/L)	6500	11500	14000	11/05/2015	26/11/2015	12/03/2015

Year 2016		Monitoring Results	Dates		
Pollutant	Unit		Sampled	Obtained	Published
pH	pH units	8.54	11/04/2016	22/04/2016	27/01/2017
BOD	(mg/L)	4310	11/04/2016	22/04/2016	27/01/2017
Chromium 6	(mg/L)	0.055	11/04/2016	22/04/2016	27/01/2017
Conductivity	(microS / cm)	12330	11/04/2016	22/04/2016	27/01/2017
Nitrogen (total)	(mg/L)	670	11/04/2016	22/04/2016	27/01/2017
Oil & Grease	(mg/L)	194	11/04/2016	22/04/2016	27/01/2017
Phosphorus (total)	(mg/L)	4.97	11/04/2016	22/04/2016	27/01/2017
Total Dissolved Solids	(mg/L)	6833	11/04/2016	22/04/2016	27/01/2017
Total Suspended Solids	(mg/L)	960	11/04/2016	22/04/2016	27/01/2017

Year 2016		Monitoring Results	Dates		
Pollutant	Unit		Sampled	Obtained	Published
pH	pH units	9.35	21/10/2016	20/11/2016	27/01/2017
BOD	(mg/L)	5630	11/04/2016	20/11/2016	27/01/2017
Chromium 6	(mg/L)	<0.1	11/04/2016	20/11/2016	27/01/2017
Conductivity	(microS / cm)	11650	11/04/2016	20/11/2016	27/01/2017
Nitrogen (total)	(mg/L)	914	11/04/2016	20/11/2016	27/01/2017
Oil & Grease	(mg/L)	791	11/04/2016	20/11/2016	27/01/2017
Phosphorus (total)	(mg/L)	14.3	11/04/2016	20/11/2016	27/01/2017
Total Dissolved Solids	(mg/L)	10250	11/04/2016	20/11/2016	27/01/2017
Total Suspended Solids	(mg/L)	3440	11/04/2016	20/11/2016	27/01/2017