

NORTHERN LAKE SERVICE, INC.  
 Analytical Laboratory and Environmental Services  
 400 North Lake Avenue - Crandon, WI 54520  
 Ph: (715)-478-2777 Fax: (715)-478-3060

# ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460  
 WDATCP Laboratory Certification No. 105-330  
 EPA Laboratory ID No. WI00034  
 Printed: 06/11/20 Page 1 of 2

Client: Lake Sinissippi Improvement District  
 Attn: Dave Behl  
 PO Box 89  
 Hustisford, WI 53034

NLS Project: 345418  
 NLS Customer: 107350  
 Phone: 815 219 9270

Project: 16-777

**Hwy S Bridge NLS ID: 1191149**

COC: 215337c:1 Matrix: SW  
 Collected: 06/02/20 16:16 Received: 06/03/20

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	8.7	mg/L	1			06/03/20	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	[0.060]	mg/L	1	0.027	0.090	06/05/20	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	0.17	mg/L	1	0.040	0.14	06/04/20	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	2.8	mg/L	2	0.20	0.70	06/04/20	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.25	mg/L	1	0.0060	0.020	06/10/20	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	50	mg/L	1.563	3.1*		06/04/20	2540 D-1997	721026460

**Hustisford Dam NLS ID: 1191150**

COC: 215337c:2 Matrix: SW  
 Collected: 06/02/20 16:16 Received: 06/03/20

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	8.3	mg/L	1			06/03/20	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	[0.064]	mg/L	1	0.027	0.090	06/05/20	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	[0.14]	mg/L	1	0.040	0.14	06/04/20	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	2.3	mg/L	2	0.20	0.70	06/04/20	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.21	mg/L	1	0.0060	0.020	06/10/20	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	36	mg/L	1.471	2.9*		06/04/20	2540 D-1997	721026460

**Dead Creek NLS ID: 1191151**

COC: 215337c:3 Matrix: SW  
 Collected: 06/02/20 16:16 Received: 06/03/20

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	3.1	mg/L	1			06/03/20	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	0.15	mg/L	1	0.027	0.090	06/05/20	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	2.8	mg/L	1	0.040	0.14	06/04/20	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	2.1	mg/L	1	0.10	0.35	06/04/20	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.23	mg/L	1	0.0060	0.020	06/10/20	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	26	mg/L	1.136	2.3*		06/04/20	2540 D-1997	721026460

**Hwy S Springs NLS ID: 1191152**

COC: 215337c:4 Matrix: SW  
 Collected: 06/02/20 16:16 Received: 06/03/20

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	<2	mg/L	1			06/03/20	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	[0.087]	mg/L	1	0.027	0.090	06/05/20	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	4.7	mg/L	5	0.20	0.70	06/04/20	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	1.6	mg/L	1	0.10	0.35	06/04/20	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.13	mg/L	1	0.0060	0.020	06/10/20	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	8.3	mg/L	.926	1.9*		06/04/20	2540 D-1997	721026460

State, 075

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**Horicon Golf NLS ID: 1191153**

COC: 215337c:5 Matrix: SW

Collected: 06/02/20 16:16 Received: 06/03/20

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	2.2	mg/L	1			06/03/20	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	[0.081]	mg/L	1	0.027	0.090	06/05/20	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	3.0	mg/L	1	0.040	0.14	06/04/20	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	1.1	mg/L	1	0.10	0.35	06/04/20	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.16	mg/L	1	0.0060	0.020	06/10/20	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	35	mg/L	.962	1.9*		06/04/20	2540 D-1997	721026460

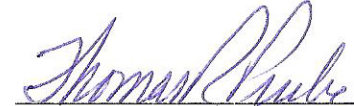
Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(\*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution and/or solids content.

ND = Not Detected (< LOD) LOD = Limit of Detection LOQ = Limit of Quantitation NA = Not Applicable

DWB = Dry Weight Basis %DWB = (mg/kg DWB) / 10000 1000 ug/L = 1 mg/L

MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by:



Authorized by:  
R. T. Krueger  
President