

# ANALYTICAL REPORT

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

**NLS Project:** 386037  
**NLS Customer:** 107350  
**Phone:** 815 219 9270

**Project:** 16-777

Hwy S Bridge NLS ID: 1316328

COC: 215337:1 Matrix: SW  
 Collected: 06/06/22 15:02 Received: 06/07/22

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	13	mg/L	1			06/07/22	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	0.15	mg/L	1	0.039	0.13	06/09/22	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	ND	mg/L	1	0.052	0.17	06/08/22	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	4.4	mg/L	5	1.0	3.4	06/13/22	EPA 351.2, Rev 2	721026460
Matrix spike recovery was outside of 90-110% method control but within in-house 45-170% QC limits at 87%.								
Phosphorus, tot. as P	0.41	mg/L	1	0.0090	0.030	06/09/22	4500-P F-1999	721026460
Solids, tot. susp. (TSS)	71	mg/L	5	10*		06/08/22	2540 D-1997	721026460

Hustisford Dam NLS ID: 1316329

COC: 215337:2 Matrix: SW  
 Collected: 06/06/22 15:02 Received: 06/07/22

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	10	mg/L	1			06/07/22	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	[0.061]	mg/L	1	0.039	0.13	06/09/22	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	ND	mg/L	1	0.052	0.17	06/08/22	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	3.6	mg/L	1	0.20	0.68	06/13/22	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.31	mg/L	1	0.0090	0.030	06/09/22	4500-P F-1999	721026460
Solids, tot. susp. (TSS)	63	mg/L	5	10*		06/08/22	2540 D-1997	721026460

Dead Creek NLS ID: 1316330

COC: 215337:3 Matrix: SW  
 Collected: 06/06/22 15:02 Received: 06/07/22

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	2.8	mg/L	1			06/07/22	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	0.17	mg/L	1	0.039	0.13	06/09/22	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	3.6	mg/L	1	0.052	0.17	06/08/22	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	2.1	mg/L	1	0.20	0.68	06/13/22	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.18	mg/L	1	0.0090	0.030	06/09/22	4500-P F-1999	721026460
Solids, tot. susp. (TSS)	14	mg/L	2.5	5.0*		06/08/22	2540 D-1997	721026460

Hwy S Springs NLS ID: 1316331

COC: 215337:4 Matrix: SW  
 Collected: 06/06/22 15:02 Received: 06/07/22

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	<2	mg/L	1			06/07/22	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	[0.10]	mg/L	1	0.039	0.13	06/09/22	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	3.7	mg/L	1	0.052	0.17	06/08/22	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	1.3	mg/L	1	0.20	0.68	06/13/22	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.15	mg/L	1	0.0090	0.030	06/09/22	4500-P F-1999	721026460
Solids, tot. susp. (TSS)	18	mg/L	.769	1.5*		06/08/22	2540 D-1997	721026460

**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: 06/13/22 Page 2 of 2

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

**NLS Project:** 386037  
**NLS Customer:** 107350  
 Phone: 815 219 9270

**Project:** 16-777

Horicon Golf NLS ID: 1316332

COC: 215337:5 Matrix: SW

Collected: 06/06/22 15:02 Received: 06/07/22

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	3.4	mg/L	1			06/07/22	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	0.62	mg/L	1	0.039	0.13	06/09/22	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	15	mg/L	4	0.21	0.68	06/08/22	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	2.8	mg/L	1	0.20	0.68	06/13/22	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.20	mg/L	1	0.0090	0.030	06/09/22	4500-P F-1999	721026460
Solids, tot. susp. (TSS)	43	mg/L	.98	2.0*		06/08/22	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

For Terms and Conditions please see [www.nslab.com](http://www.nslab.com)