

# ANALYTICAL REPORT

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

**NLS Project:** 372177

**NLS Customer:** 107350

**Phone:** 815 219 9270

**PO #** 16-777

**Project:** 16-777

**Hwy S Bridge NLS ID: 1274351**

COC: 215337:1 Matrix: SW

Collected: 08/30/21 16:38 Received: 08/31/21

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	13	mg/L	1			08/31/21	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	ND	mg/L	1	0.027	0.090	09/02/21	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	ND	mg/L	1	0.033	0.20	09/01/21	EPA 300.0, Rev 2.1	721026460
Nitrogen, Kjeldahl as N (unfiltered)	3.7	mg/L	5	1.0	3.4	09/02/21	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.40	mg/L	5	0.030	0.10	09/03/21	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	61	mg/L	2.5	5.0*		09/01/21	2540 D-1997	721026460

**Hustisford Dam NLS ID: 1274352**

COC: 215337:2 Matrix: SW

Collected: 08/30/21 16:38 Received: 08/31/21

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	15	mg/L	1			08/31/21	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	0.35	mg/L	1	0.027	0.090	09/02/21	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	ND	mg/L	1	0.033	0.20	09/01/21	EPA 300.0, Rev 2.1	721026460
Nitrogen, Kjeldahl as N (unfiltered)	3.7	mg/L	5	1.0	3.4	09/02/21	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.29	mg/L	5	0.030	0.10	09/03/21	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	55	mg/L	5	10*		09/01/21	2540 D-1997	721026460

**Dead Creek NLS ID: 1274353**

COC: 215337:3 Matrix: SW

Collected: 08/30/21 16:38 Received: 08/31/21

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	11	mg/L	1			08/31/21	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	[0.067]	mg/L	1	0.027	0.090	09/02/21	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	0.41	mg/L	1	0.033	0.20	09/01/21	EPA 300.0, Rev 2.1	721026460
Nitrogen, Kjeldahl as N (unfiltered)	3.5	mg/L	2	0.40	1.4	09/08/21	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.43	mg/L	5	0.030	0.10	09/03/21	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	30	mg/L	5	10*		09/01/21	2540 D-1997	721026460

**Hwy S Springs NLS ID: 1274354**

COC: 215337:4 Matrix: SW

Collected: 08/30/21 16:38 Received: 08/31/21

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	10	mg/L	1			08/31/21	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	[0.047]	mg/L	1	0.027	0.090	09/02/21	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	ND	mg/L	1	0.033	0.20	09/01/21	EPA 300.0, Rev 2.1	721026460
Nitrogen, Kjeldahl as N (unfiltered)	2.4	mg/L	1	0.20	0.68	09/08/21	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.39	mg/L	5	0.030	0.10	09/03/21	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	28	mg/L	1.667	3.3*		09/01/21	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

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**NLS Project:** 372177  
**NLS Customer:** 107350  
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**PO #** 16-777

**Project:** 16-777

Horicon Golf NLS ID: 1274355

COC: 215337:5 Matrix: SW

Collected: 08/30/21 16:38 Received: 08/31/21

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	<4	mg/L	1			08/31/21	5210 B-2001	721026460
A "less than" result is given due to under-depletion in all sample dilutions.								
Nitrogen, ammonia as N (unfiltered)	[0.082]	mg/L	1	0.027	0.090	09/02/21	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	0.70	mg/L	1	0.033	0.20	09/01/21	EPA 300.0, Rev 2.1	721026460
Nitrogen, Kjeldahl as N (unfiltered)	1.0	mg/L	1	0.20	0.68	09/08/21	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.22	mg/L	5	0.030	0.10	09/03/21	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	34	mg/L	.649	1.3*		09/01/21	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