

ANALYTICAL REPORT

Client: Lake Sinissippi Improvement District
 Attn: Dave Behl
 N586 Hwy R
 Watertown, WI 53098

NLS Project: 390873
NLS Customer: 107350
 Phone: 920 285 4091

Project: 16-777

Hwy S Bridge NLS ID: 1331686

COC: 215337:1 Matrix: SW
 Collected: 08/23/22 15:55 Received: 08/24/22

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	14	mg/L	1			08/24/22	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	[0.065]	mg/L	1	0.039	0.13	08/29/22	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	[0.056]	mg/L	1	0.052	0.17	08/30/22	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	3.0	mg/L	1	0.20	0.68	09/02/22	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.24	mg/L	1	0.0090	0.030	08/26/22	4500-P F-1999	721026460
Solids, tot. susp. (TSS)	63	mg/L	3.333	6.7*		08/26/22	2540 D-1997	721026460

Hustisford Dam NLS ID: 1331687

COC: 215337:2 Matrix: SW
 Collected: 08/23/22 15:55 Received: 08/24/22

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	16	mg/L	1			08/24/22	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	ND	mg/L	1	0.039	0.13	08/29/22	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	ND	mg/L	1	0.052	0.17	08/30/22	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	3.7	mg/L	1	0.20	0.68	09/02/22	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.28	mg/L	1	0.0090	0.030	08/26/22	4500-P F-1999	721026460
Solids, tot. susp. (TSS)	66	mg/L	3.333	6.7*		08/26/22	2540 D-1997	721026460

Dead Creek NLS ID: 1331688

COC: 215337:3 Matrix: SW
 Collected: 08/23/22 15:55 Received: 08/24/22

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	6.2	mg/L	1			08/24/22	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	ND	mg/L	1	0.039	0.13	08/29/22	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	8.2	mg/L	2	0.10	0.34	08/30/22	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	2.0	mg/L	1	0.20	0.68	09/02/22	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.15	mg/L	1	0.0090	0.030	08/26/22	4500-P F-1999	721026460
Solids, tot. susp. (TSS)	23	mg/L	1.429	2.9*		08/26/22	2540 D-1997	721026460

Hwy Springs NLS ID: 1331689

COC: 215337:4 Matrix: SW
 Collected: 08/23/22 15:55 Received: 08/24/22

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	33	mg/L	1			08/24/22	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	ND	mg/L	1	0.039	0.13	08/29/22	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	0.68	mg/L	1	0.052	0.17	08/30/22	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	4.9	mg/L	1	0.20	0.68	09/02/22	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.59	mg/L	1	0.0090	0.030	08/26/22	4500-P F-1999	721026460
Solids, tot. susp. (TSS)	51	mg/L	3.333	6.7*		08/26/22	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: 09/06/22 Page 2 of 2

Client: Lake Sinissippi Improvement District
 Attn: Dave Behl
 N586 Hwy R
 Watertown, WI 53098

NLS Project: 390873
NLS Customer: 107350
Phone: 920 285 4091

Project: 16-777

Horicon Gulf NLS ID: 1331690

COC: 215337:5 Matrix: SW

Collected: 08/23/22 15:55 Received: 08/24/22

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	6.2	mg/L	1			08/24/22	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	ND	mg/L	1	0.039	0.13	08/29/22	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	1.8	mg/L	1	0.052	0.17	08/30/22	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	1.6	mg/L	1	0.20	0.68	09/02/22	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.18	mg/L	1	0.0090	0.030	08/26/22	4500-P F-1999	721026460
Solids, tot. susp. (TSS)	21	mg/L	2	4.0*		08/26/22	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.nslslab.com