

ANALYTICAL REPORT

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

NLS Project: 364418
NLS Customer: 107350
Phone: 815 219 9270

Project: 16-777

Hwy S Bridge NLS ID: 1248721

COC: 215337:1 Matrix: SW
 Collected: 04/13/21 16:15 Received: 04/14/21

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	8.5	mg/L	1			04/14/21	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	0.13	mg/L	1	0.027	0.090	04/16/21	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	0.53	mg/L	1	0.040	0.14	04/15/21	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	2.5	mg/L	1	0.20	0.68	04/26/21	EPA 351.2, Rev 2	721026460
Matrix spike recovery was outside of 90-110% method control but within in-house 142-80% QC limits at 126%.								
Phosphorus, tot. as P	0.23	mg/L	1	0.0060	0.020	04/15/21	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	42	mg/L	.962	1.9*		04/14/21	2540 D-1997	721026460

Hustisford Dam NLS ID: 1248722

COC: 215337:2 Matrix: SW
 Collected: 04/13/21 16:15 Received: 04/14/21

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	11	mg/L	1			04/14/21	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	[0.071]	mg/L	1	0.027	0.090	04/16/21	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	[0.059]	mg/L	1	0.040	0.14	04/15/21	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	2.8	mg/L	1	0.20	0.68	04/26/21	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.21	mg/L	1	0.0060	0.020	04/15/21	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	51	mg/L	1.316	2.6*		04/14/21	2540 D-1997	721026460

Dead Creek NLS ID: 1248723

COC: 215337:3 Matrix: SW
 Collected: 04/13/21 16:15 Received: 04/14/21

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	2.0	mg/L	1			04/14/21	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	[0.071]	mg/L	1	0.027	0.090	04/16/21	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	2.2	mg/L	1	0.040	0.14	04/15/21	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	2.0	mg/L	1	0.20	0.68	04/26/21	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.18	mg/L	1	0.0060	0.020	04/15/21	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	39	mg/L	.746	1.5*		04/14/21	2540 D-1997	721026460

HWY S Springs NLS ID: 1248724

COC: 215337:4 Matrix: SW
 Collected: 04/13/21 16:15 Received: 04/14/21

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	<2	mg/L	1			04/14/21	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	[0.044]	mg/L	1	0.027	0.090	04/16/21	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	3.9	mg/L	5	0.20	0.70	04/15/21	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	0.69	mg/L	1	0.20	0.68	04/26/21	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.069	mg/L	1	0.0060	0.020	04/15/21	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	2.2	mg/L	.781	1.6*		04/14/21	2540 D-1997	721026460

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
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WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

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 Attn: Dave Behl
 PO Box 89
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NLS Project: 364418
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 Phone: 815 219 9270

Project: 16-777

Horicon Golf NLS ID: 1248725

COC: 215337:5 Matrix: SW

Collected: 04/13/21 16:15 Received: 04/14/21

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	<2	mg/L	1			04/14/21	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	[0.044]	mg/L	1	0.027	0.090	04/16/21	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	1.7	mg/L	1	0.040	0.14	04/15/21	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	0.78	mg/L	1	0.20	0.68	04/26/21	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.076	mg/L	1	0.0060	0.020	04/15/21	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	3.6	mg/L	.758	1.5*		04/14/21	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