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 Analytical Laboratory and Environmental Services
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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

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

NLS Project: 303798

NLS Customer: 107350

Phone: 815 219 9270

PO # 16-777

Project: 16-777

Hwy S Bridge NLS ID: 1068215

COC: 215337:1 Matrix: SW

Collected: 07/17/18 16:18 Received: 07/19/18

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	18	mg/L	1			07/19/18	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	0.13	mg/L	1	0.027	0.090	07/19/18	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	0.11	mg/L	1	0.025	0.075	07/20/18	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	4.6	mg/L	1	0.10	0.33	07/27/18	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.43	mg/L	1	0.0070*		07/20/18	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	100	mg/L	1	1.0*		07/20/18	2540 D-1997	721026460

Hustisford Dam NLS ID: 1068216

COC: 215337:2 Matrix: SW

Collected: 07/17/18 16:18 Received: 07/19/18

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	14	mg/L	1			07/19/18	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	0.15	mg/L	1	0.027	0.090	07/19/18	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	0.22	mg/L	1	0.025	0.075	07/20/18	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	5.0	mg/L	1	0.10	0.33	07/24/18	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.35	mg/L	1	0.0070*		07/20/18	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	70	mg/L	1	1.0*		07/20/18	2540 D-1997	721026460

Dead Creek NLS ID: 1068217

COC: 215337:3 Matrix: SW

Collected: 07/17/18 16:18 Received: 07/19/18

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	13	mg/L	1			07/19/18	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	[0.069]	mg/L	1	0.027	0.090	07/19/18	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	0.094	mg/L	1	0.025	0.075	07/20/18	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	3.9	mg/L	1	0.10	0.33	07/24/18	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.43	mg/L	1	0.0070*		07/20/18	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	90	mg/L	1	1.0*		07/20/18	2540 D-1997	721026460

Hwy S Springs NLS ID: 1068218

COC: 215337:4 Matrix: SW

Collected: 07/17/18 16:18 Received: 07/19/18

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
BOD-5 day	2.3	mg/L	1			07/19/18	5210 B-2001	721026460
Nitrogen, ammonia as N (unfiltered)	0.14	mg/L	1	0.027	0.090	07/19/18	4500-NH3 G-1997	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	0.59	mg/L	1	0.025	0.075	07/20/18	4500-NO3 F-2000	721026460
Nitrogen, Kjeldahl as N (unfiltered)	1.7	mg/L	1	0.10	0.33	07/24/18	EPA 351.2, Rev 2	721026460
Phosphorus, tot. as P	0.46	mg/L	1	0.0070*		07/20/18	4500-P E-1999	721026460
Solids, tot. susp. (TSS)	12	mg/L	1	1.0*		07/20/18	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:



Authorize
 R. T. Krueger
 President