

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name THREEMILE CREEK	Waterbody ID Code 94600	Sample ID (YYYYMMDD-CY-FD) 201910173123
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Sampling Location	Database Key 210341865
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SWIMS Station ID 10038230	SWIMS Station Name THREEMILE CREEK AT HWY 42
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Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) TWIN - DOOR - KEWAUNEE	Watershed Name AHNAPEE RIVER	County KEWAUNEE
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Sample and Site Descriptors

Sample Collector (Last Name, First) MARY GANSBERG	Project Name EAST DISTRICT NC STREAM STRATIFIED SITES 2019
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Sampling Device

☒ D-Frame Kick Net	☐ Surber Sampler	☐ Eckman
☐ Ponar	☐ Artificial Substrate	☐ Hess Sampler ☐ Other: _____

Habitat Sampled

☒ Riffle	☐ Run	☐ Pool
☐ Other	☐ Shoreline Composite	☐ Proportionally-Sampled Habitat
☐ Littoral Zone	☐ Profundal Zone	☐ Wetland

Total Sampling Time (min) 5	Estimated Area Sampled (m²) 1	Number of Samples in Composite 1	Replicate No. _____ of _____
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Reason For Sampling

☐ Least Impacted Reference	☒ Baseline	☐ Impact / Treatment Site
☐ Control Site	☐ Trend	☐ Other: _____

Water Temp. (C) 8.7	D.O. (mg/l) 11.0	D.O. (% sat.) 95.0	pH (su) 8.1	Conductivity (umhos/cm) 607	Transparency (cm)
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Water Color ☐ Clear ☐ Turbid ☒ Stained	Estimated Stream Velocity (m/s) ☐ Slow (< 0.15 m/s) ☐ Moderate (0.15 m/s - 0.5 m/s) ☒ Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.5	Average Stream Width of reach (m) 4.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): 10	Rubble (tennisball to basketball): 50	Gravel (ladybug to tennisball): 30
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Sand: 10	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
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Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____
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Embeddedness of Substrate at Sample Site (%) 20	Canopy Cover at Sample Site (%) 50
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Stream and Watershed Descriptors

N = Not a problem
U = Uncertain

PL = Present, Low Impact
PH = Present, High Impact

Factors that may be influencing Water Resource Integrity	Local	Water- shed	Factors that may be influencing Water Resource Integrity	Local	Water- shed
Biological			Chemical		
Algae: - Diatoms / Periphyton			Chlorine		
- Filamentous Algae			Dissolved Oxygen		
- Planktonic Algae			Nutrients (P, N...)		
Iron Bacteria			Toxics: - Inorganic (Metals)		
Macrophytes			- Organic (PCBs, pesticides...)		
Slimes			Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion		
			Point Source - Specify:		
Physical			Pasturing of Livestock		
Bank Erosion			Runoff: - Barnyard		
Channelization: - Upstream			- Construction		
- Downstream			- Cropland		
Hydraulic Scour / Channel Incision			- Urban		
Impoundment: - Upstream			Septic Systems		
- Downstream			Tile Drainage - Organic Soils		
Low Flow			- Mineral Soils		
Sedimentation			Springs		
Sludge			Tributary(s)		
Thermal			Wetland		
Turbidity			Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Logan Cutler	Taxonomist Dimick, Jeffery	Estimated Percent of Sample Sorted 23%
Date Processed 9/11/2020	Specimens Saved 135 subsample archived in ABC unit 1 Oct 2023	

13 12 24 35 24 S 11 11
A1Q4 C2Q1 A1Q1,2,3 C2Q2,3,4 D2Q2,3,4 D2Q1 B3Q1 B3Q4

Wisconsin Department of Natural Resources

ABL SampleNum: 20191017-31-23

Taxonomist: Dimick, Jeffrey

 Waterbody: Threemile Creek
 SWIMS Database Key: 210341865

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Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis bannicolus</i>	L	11	2	Klüh 2016		
<i>Maccaffertium vicarium</i>	L	1	1	"		
<i>Leptophlebia</i>	L	111	3	Merritt 1983	imm	
<i>Taeniopteryx</i>	L	1111	6	"	imm	
<i>Hydropsychidae</i>	L	1	1	"	imm	N
<i>Ceratopsyche alhedra</i>	L	1	1	Schmitt 1986		
<i>C. glossanae</i>	L	81111	34	"		
<i>Chironomus</i>	L	X	10	Merritt 1983		
<i>Hydropsyche</i>	L	1111	4	Hols 1995	imm	N
<i>H. betteni</i>	L	1111	8	Schmitt 1986		
<i>Psychomyia flava</i>	L	X1111	19	Hols 1995		
<i>Neophylax</i>	L	1	1	Merritt 1983	imm	
<i>Baetis flavistriga</i> species complex	L	1	1	Klüh 2016		
<i>Optodromus</i>	L	111	3	Merritt 1983	imm	N
<i>O. fastidius</i> L, 1 A, 2	L, A	111	3	Hols 1992		
<i>Staphylinidae</i>	A	1	1	Merritt 1983	dam	
<i>Neoplasia</i>	L	1	1	"		
<i>Dicranota</i>	L	111	7	"		
<i>Tipula</i>	L	1	1	"		
<i>Gammarus pseudolimnaeus</i>	L	X111	13	Hols 1972		
<i>Naididae</i>	A	1111	4	Brinfield 1991		
<i>Enchytraeidae</i>	A	11	2	Thorp 2016		
Split A2 Chironomidae	L	01111				
<i>Brillia</i>	L	111	3	And et al 2013		
<i>Parametrisia</i>	L	1	1	"		
<i>Tritonia bavaria</i> group	L	11	2	Bode 1983		
<i>Cladotanytarsus</i>	L	1	1	And et al 2013		
<i>Thiermannimyia</i> group	L	1	1	"	imm	
<i>Orthocladus</i>	L	1111	4	"		
<i>Tritonia bavaria</i> group	L	1	1	P-JJ		
<i>Paratanytarsus longistylus</i>	L	1	1	And et al 2013		
<i>Polypedium (Polypedium) fallax</i> group	L	11	2	Bolton 2012		
<i>P. (P.) laetum</i> group	L	11	2	"		
<i>P. (Urespedium) aviceps</i>	L	1111	4	"		