

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name LITTLE DRYWOOD CREEK	Waterbody ID Code 2155100	Sample ID (YYYYMMDD-CY-FD) 20181023-09-2
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Sampling Location US bridge ~ 10m	Database Key 169413415
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SWIMS Station ID 10008667	SWIMS Station Name LITTLE DRYWOOD CREEK - HWY O [1]
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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) LOWER CHIPPEWA	Watershed Name LOWER YELLOW (CHIPPEWA CO.) RIVER	County CHIPPEWA
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Sample and Site Descriptors

Sample Collector (Last Name, First) ANDERSON, T. WILLIAM CHRISTOPHER J WILLGER, MYAL RALPH	Project Name BIG DRYWOOD/LITTLE DRYWOOD TWA 2018
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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) 1	Estimated Area Sampled (m ²) 2	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

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

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	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) 2	Average Stream Width of reach (m) 6
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): 20	Rubble (tennisball to basketball): 80	Gravel (ladybug to tennisball): _____
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Sand: _____	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 (%) 0	Canopy Cover at Sample Site (%) 70
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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	U	U	Chlorine	U	U
- Filamentous Algae	U	U	Dissolved Oxygen	N	N
- Planktonic Algae	U	U	Nutrients (P, N...)	U	U
Iron Bacteria	U	U	Toxics: - Inorganic (Metals)	U	U
Macrophytes	N	N	- Organic (PCBs, pesticides...)	U	U
Slimes	N	N	Other - Specify:		
Other - Specify:	N	N	Sources of Stream Impacts		
			Bank Erosion	U	U
			Point Source - Specify:	N	N
			Pasturing of Livestock	N	PH
			Runoff: - Barnyard	N	PH
			- Construction	N	PL
			- Cropland	N	PH
			- Urban	N	N
			Septic Systems		
			Tile Drainage - Organic Soils	N	U
			- Mineral Soils	N	U
			Springs	U	U
			Tributary(s)	N	N
			Wetland	U	U
			Other - Specify:		
Physical					
Bank Erosion	N	U			
Channelization: - Upstream	N	N			
- Downstream	N	N			
Hydraulic Scour / Channel Incision	N	N			
Impoundment: - Upstream	N	N			
- Downstream	N	N			
Low Flow	U	U			
Sedimentation	U	U			
Sludge	N	N			
Thermal	U	U			
Turbidity	U	U			
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Kayla Wilcox</i>	Taxonomist <i>Dimick, Jeffery</i>	Estimated Percent of Sample Sorted <i>40%</i>
Date Processed <i>5/10/19</i>	Specimens Saved <i>subsample archived in ABC until Jul 2022</i>	

AI = 748
CI = 748
DI =
BA = 27
L2 = 35
D3 = 20
110
130

Wisconsin Department of Natural Resources

ABL SampleNum: 20181023-09-02

Taxonomist: Dimick, Jeffrey

Waterbody: Little Drywood Creek

SWIMS Database Key: 169413415

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Allocaenia</i>	L	x1	11	Hils 1995		
<i>Haploperla</i>	L	1	1	"	imm	
<i>Pragnetina medra</i>	L	1	1	"		
<i>Isoperla signata</i>	L	1	6	Hils 1992		
<i>Theraptyx</i>	L	x-111	18	Hils 1995	imm	N
<i>T. nivalis</i>	L	111	3	Full Stew 1980		
<i>Acerpenna pygmaea</i>	L	1	1	Klob 2016		
<i>Heptageniidae</i>	L	111	3	"	imm	N
<i>Stenacron</i>	L	1	6	"	imm	
<i>Maccaffertium</i>	L	x-111	18	"	imm	n=4, Y
<i>M. vicarium</i>	L	1111	9	"		
<i>Leptophlebia cupida</i>	L	1	1	"		
<i>Paraleptophlebia</i>	L	111	3	"	imm	
<i>Cheumatopsyche</i>	L	1	1	Hils 1995		
<i>Ceratopsyche</i>	L	1	1	"	imm	Y
<i>C. glossocera</i>	L	1	1	Schmitt 1966		
<i>Limnephilidae</i>	L	111	3	Hils 1995	imm	
<i>Polycentropus</i>	L	1	1	"		
<i>Neophylax</i>	L	111	3	"	imm	
<i>Nigronia semicornis</i>	L	11	2	Neunzig 1966		
<i>Optiservus</i>	L	111	3	Hils Schmitt 1992	imm	N
<i>O. fastidiosus</i>	L	111	3	"		
<i>Stenelmis</i>	L	111	3	"		N
<i>S. crenata</i>	A	1	1	"		
<i>Atherix variegata</i>	L	1	1	Hils 1995		
<i>Bezzia/Palpermyia</i>	L	111	3	"		
<i>Hemerodromia</i>	L	1	1	Gert Meir 2008		
Spitt A2 Chironomidae	L	111111				
<i>Pothostia longimana</i> group	L	1		Saeth And 2013	DDD eggs	
<i>Brillia</i>	L	1	1	And + 3 2013	imm	
<i>Parametrioctenurus</i>	L	111	3	"		
<i>Coelocleptia oostrogod</i>	L	1	1	Can EPI 2013		
<i>Zawrelimyia</i>	L	1	1	"		
<i>Thienemannella xena</i>	L	1	1	Bolton 2012		
<i>Nanocladius (Plecopteracluthus)</i>	L	1	1	And + 3 2013	imm	N
<i>N. (P.) species #5</i> Jacobsen	L	111	4	Epler 2001		
<i>Chironominae</i> 08330000	L	1	1	Cranston 2013	mt mdat	N

Taxonomist: Dimick, Jeffrey

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