

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name LITTLE DRYWOOD CREEK	Waterbody ID Code 2155100	Sample ID (YYYYMMDD-CY-FD) 20181114-09-04
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Sampling Location DS 1-10m	Database Key 169417050
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SWIMS Station ID 10008675	SWIMS Station Name 7 - LITTLE DRYWOOD CREEK - 260TH ST.
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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) CHRISTOPHER J WILLGER, MYCAL C RALEIGH	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) 5	Estimated Area Sampled (m ²) 4	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

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

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)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): <u>40</u>	Gravel (ladybug to tennisball): <u>30</u>
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Sand: <u>10</u>	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: <u>10</u>
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Aquatic Macrophytes: _____	Leaf Snags: <u>10</u>	Coarse Woody Debris: _____	Other (): _____
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Embeddedness of Substrate at Sample Site (%) <u>10</u>	Canopy Cover at Sample Site (%) <u>30</u>
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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:		
			Pasturing of Livestock	PH	
Bank Erosion			Runoff: - Barnyard		
Channelization: - Upstream			- Construction		
- Downstream			- Cropland	PL	
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 *Frozen*

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Kayla Wilcox</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>13%</i>
Date Processed <i>5/28/19</i>	Specimens Saved <i>Subsample archived in ABC until Jul 2022</i>	

*B1= 89 (131)
D3= 42 13%*

Wisconsin Department of Natural Resources

ABL SampleNum: 20181114-09-04

Taxonomist: Dimick, Jeffrey

Waterbody: Little Drywood Creek

SWIMS Database Key: 169417050

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Allocapnia</i>	L	III	4	Hils 1995		
<i>Amphinemura detrita</i> var. <i>varshawi</i> SPD	L	I	1	Dimick 1995 Hils 1995	imm	Hils 1995
<i>Acris</i> <i>macdonnoughi</i>	L	I	1	Klob 2016		
<i>Ephemerella subvaria</i>	L	I	1	"		
<i>Leucocrota</i>	L	I	1	"		
<i>Maccaffertium vicarium</i>	L	I	1	"		
<i>Paraleptophlebia</i>	L	I	1	"		
<i>Cheumatopsyche</i>	L	I	1	Hils 1995		
<i>Chimarra aterrima</i>	L	II	2	Hils 1992		
<i>Dubiraphia</i>	L	I	1	Hils Schm 1992		
<i>Optioservus</i>	L	I	6	"		
<i>Stenelmis</i>	L	I	1	"		
<i>Bezzia</i> / <i>Palpomyia</i>	L	III	4	Hils 1995		
<i>Nemerodromia</i>	L	I	1	Court Merr 2008		
<i>Pericoma</i>	L	I	1	Hils 1995		
<i>Simuliidae</i>	L	IV	5	Court Merr 2008	imm	
<i>Prosimulium</i>	L	I	1	Adl et al 2004	imm	
<i>Stegopterna</i>	L	I	5	"	imm	
<i>Dicranota</i>	L	III	3	Hils 1995		
<i>Tipula</i>	L	I	1	"		
<i>Pixella</i>	L	I	1	"		
<i>Naidinae</i>	A	-I	6	Brin Geld 1991		
<i>Tubificinae</i> (without hairs)	A	I	1	Klemm 1985		
<i>Pisidium</i>	A	I	1	Burch 1972		
Split A2a Chironomidae	L	8 x III				
Split A2b Chironomidae	L	8 II SPD				
<i>Corynoneura</i>	L	I	1	Andt 3 2013		
<i>Neostempellina reissi</i>	L	I	1	Epl et al 2013		
<i>Conchapelonia</i> 08270700	L	I	1	Cran Epl 2013		
<i>Merocelonia</i>	L	II	2	"		
<i>Nilotanyptus</i>	L	I	1	"		
<i>Orthocladius</i> 08300000 2 n=2, 1 n=1	L	III	3	Cranston 2013	mt in det/imm	n=2, Y
<i>Diplocladius</i>	L	-III	9	Andt 3 2013		
<i>Eukiefferiella elaspennisi</i> group	L	I	1	"		
<i>Limnophyes</i>	L	I	1	"		
<i>Parametriocnemus</i>	L	-I	6	"		

Taxonomist: Dimick, Jeffrey

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