

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name BIG HAY MEADOW CREEK		Waterbody ID Code 1484000	Sample ID (YYYYMMDD-CY-FD) 20171102-34-D1
Sampling Location 20m. Down Stream from Bridge on County Line Road.			Database Key 149851991
SWIMS Station ID 10049122		SWIMS Station Name BIG HAYMEADOW CREEK 15M US COUNTYLINE RD	
Latitude 45.3767194	Longitude -89.4241113	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) UPPER WISCONSIN		Watershed Name PRAIRIE RIVER	County LANGLADE

Sample and Site Descriptors

Sample Collector (Last Name, First) JAMES KLOSIEWSKI	Project Name NORTH DISTRICT NC STREAM STRATIFIED SITES 2017
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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 (overhanging vege)	☐ Shoreline Composite	☐ Proportionally-Sampled Habitat
☐ Littoral Zone	☐ Profundal Zone	☐ Wetland

Total Sampling Time (min) 8 min	Estimated Area Sampled (m²) 3 m 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: _____

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): ☒	Gravel (ladybug to tennisball): _____
Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: ☒
Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____			

Embeddedness of Substrate at Sample Site (%) 0	Canopy Cover at Sample Site (%) 0
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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		
Physical			Runoff: - Barnyard		
Bank Erosion			- Construction		
Channelization: - Upstream			- Cropland		
- Downstream			- Urban		
Hydraulic Scour / Channel Incision			Septic Systems		
Impoundment: - Upstream			Tile Drainage - Organic Soils		
- Downstream			- Mineral Soils		
Low Flow			Springs		
Sedimentation			Tributary(s)		
Sludge			Wetland		
Thermal			Other - Specify:		
Turbidity					
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Kylea Wilcox	Dimick, Jeffrey	7%
Date Processed	Specimens Saved	
6/20/18	Subsample archived in ABL until Oct 2021	

E3=166

Wisconsin Department of Natural Resources

ABL SampleNum: 20171102-34-01

Taxonomist: Dimick, Jeffrey

Waterbody: Big Hay Meadow Creek

SWIMS Database Key: 149851991

Page 1 of 2

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Paracappia angulata</i>	L	-II	7	Hitch 1974		
<i>Acanoniscia lycurias</i>	L	I	1	"		
<i>Isoperla</i>	L	I	1	Hils 1995	imm	N
<i>I. transmarina</i>	L	I	1	Hils 1992		
<i>Taeniopteryx burksi</i>	L	I	1	Full, Stew 1980		
<i>T. nivalis</i>	L	I	1	"		
<i>Haploperla</i>	L	I	1	Hils 1995		
<i>Caenis</i>	L	I	1	Klub 2016	imm	
<i>Ephemerella invaria</i>	L	III	23	"		
<i>E. subvaria</i>	L	X-I	16	"		
<i>Euryphella temporalis</i>	L	I	1	"		
<i>Ephemerella</i>	L	II	2	"	imm	
<i>Stenonema</i>	L	I	1	"	imm	
<i>Maccaffertium</i>	L	III	4	"	imm	N
<i>M. vicarium</i>	L	-I	6	"		
<i>Leptophlebia</i>	L	II	2	"	imm	N
<i>L. apicalis</i>	L	X-III	18	"		
<i>Paraleptophlebia</i>	L	III-III	209	"	dam/imm	
<i>Brachycentrus numerosus</i>	L	I	1	Hils 1985		
<i>Hydropsyche betteni</i>	L	II	2	Schm Hils 1986		
<i>Ceratopsyche glossanae</i>	L	I	1	"		
<i>Mystacides</i>	L	I	1	Hils 1995	imm	
<i>Zygia diversa</i>	L	I	1	"		
<i>Stenelmis</i>	L	I	1	Hils Schm 1992		
<i>Antocha</i>	L	I	1	Hils 1995		
<i>Tinella</i>	L	I	1	"		
<i>Paraleptophlebia adaptiva</i>	L	I	1	Klub 2016		
<i>Dugesidae</i>	A	I	1	Thorp Fos 2016		
<i>Hesperocorixa minorella</i>	A	I	1	Hils 1984a		
<i>Lumbriculiidae</i>	A	I	1	Thorp Fos 2016	post frag	
Split A's Chironomidae	L	-II	1			
<i>Tanyptera</i> 08270000	L	III	4	Granston 2013	imm	N
<i>Conchapelopia</i> 08270700	L	I	1	Gran Epl 2013		
<i>Nilotanyptus</i>	L	I	1	"		
<i>Thienemannimyia</i> group	L	I	1	"	imm	N
<i>Orthocladinae</i> 08300000	L	-III	8	Granston 2013	not indeb/imm	n=1,4
<i>Brillia</i>	L	II	2	Anderson 2013	imm	

Taxonomist: Dimick, Jeffrey

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[illegible]