

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name <u>Hobbles Creek</u>		Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD) 20190917-51-03
Sampling Location <u>80m US Hobbles Creek Rd</u>		Database Key 206243692	
SWIMS Station ID 10052911		SWIMS Station Name HOBBLES CREEK 35M US HOBBLES CR. RD.	
Latitude <u>45.46351</u>	Longitude <u>90.50334</u>	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) UPPER CHIPPEWA		Watershed Name MIDDLE JUMP RIVER	County PRICE

Sample and Site Descriptors	
Sample Collector (Last Name, First) JON KLEIST	Project Name NORTH DISTRICT NC STREAM STRATIFIED SITES 2019

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) <u>2</u>	Estimated Area Sampled (m ²) <u>1.5</u>	Number of Samples in Composite <u>3</u>	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: _____

Water Temp. (C) <u>18.4</u>	D.O. (mg/l) <u>6.5</u>	D.O. (% sat.) <u>72</u>	pH (su) <u>6.1</u>	Conductivity (umhos/cm) <u>35</u>	Transparency (cm) <u>>120</u>
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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)

Measured Velocity <u>3.0</u> circle units m/s or (f/s)	Average Stream Depth of reach (m) <u>0.5</u>	Average Stream Width of reach (m) <u>9</u>
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 90 Gravel (ladybug to tennisball): 10
 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 (%) 10

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 <i>Dunn, Isabel</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>7%</i>
Date Processed <i>10/8/2020</i>	Specimens Saved <i>Subsample archived in ABL lab 1 Nov 2023</i>	

(realized) was supposed to pick a grid at least one apart from D2, C05)

D2 E3
 Q1 24
 Q2 55
 Q3 36
 Q4] 191

7:30-10:30

Wisconsin Department of Natural Resources

ABL SampleNum: 20190917-51-03

Taxonomist: Dimick, Jeffrey

Waterbody: Hobbles Creek
SWIMS Database Key: 206243692

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Acerpenna	L	I	1	MerrLummB 2019	dam	
Ephemera subvaria	L	II	2	Klub 2016		
Heptageniidae	L	II	2	MerrLummB 2019	dam	N
Leucocysta	L	I	1	"		
Maccaffertium	L	I	1	Klub 2016	imm	N
M. vicarium	L	X	10	"		
Leptophlebiidae	L	III	4	MerrLummB 2019	dam/imm	N
Leptophlebia	L	II	2	"	imm	
Paraleptophlebia	L	O	20	Klub 2016		
Calamagasteridae	L	I	1	MerrLummB 2019	imm	
Paracapnia angulata	L	II	2	Hitch 1974		
Cheumatopsyche	L	II	2	MerrLummB 2019		
Hydropsyche	L	II	2	Hils 1995	imm	N
H. betteri	L	-	5	SchmHils 1986		
Chimarra obscura	L	I	1	Hils 1982		
Dixanoptia	L	I	1	MerrLummB 2019		N
D. minima	A	I	1	HilsSchm 1992		
Opiotervus	L	II	2	MerrLummB 2019	imm	N
O. fastidius	L	II	3	HilsSchm 1992		
Stenelmis	L	-III	8	MerrLummB 2019		N
S. crenata	A	I	1	HilsSchm 1992		
Atherix variegata	L	III	4	Hils 1995		
Orthocladiinae 0830001	P	I	1	MerrLummB 2019	dam	N
Hemendromia	L	II	2	"		
Tipula	L	III	3	"		
Pisidium	A	III	4	ThorpZag 2016		
Naididae	A	-I	6	KathBain 1988		
Split 12 Chironomidae	L	81111				
Corynoneura	L	II	2	And et al 2013		
Tretania discoloripes group	L	I	1	Bode 1983		
Plebotanytarsus	L	88x1	95	And et al 2013		
Thienemannimyia group	L	III	4	"	imm	
Orthocladiinae 0830000	L	III	3	"	imm	N
Eukiefferiella	L	I	1	"	dam	ASD
Tretania bavarica group	L	I	1	Bode 1983		
Chironominae 08330000	L	I	1	And et al 2013	imm	N
Paratanytarsus	L	I	1	"	mt indet	

