

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name UNNAMED		Waterbody ID Code 1256700		Sample ID (YYYYMMDD-CY-FD) 20221108-57-01	
Sampling Location See GPS - Upstream Skyview Pond				Database Key 327255709	
SWIMS Station ID 10015840		SWIMS Station Name HONEY CREEK - 0			
Latitude 43.35429	Longitude -89.97678	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>		Datum Used if using GPS <u>WGS84</u> or NAD83	
Basin (WMU) LOWER WISCONSIN		Watershed Name HONEY CREEK		County SAUK	
Sample and Site Descriptors					
Sample Collector (Last Name, First) KIMBERLY KUBER			Project Name EAST & NORTH BRANCH HONEY CREEK TWA 2022		
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) 1		Number of Samples in Composite 1		Replicate No. <u>1</u> of <u>1</u>
Reason For Sampling					
☐ Least Impacted Reference ☐ Baseline ☐ Impact / Treatment Site ☐ Control Site ☐ Trend ☒ Other: <u>N9 E Br. Honey TWA</u>					
Water Temp. (C) 7.1	D.O. (mg/l) 11.26	D.O. (% sat.) 93.2	pH (su) 7.95	Conductivity (umhos/cm) 313	Transparency (cm) > 120
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 circle units m/s or f/s		Average Stream Depth of reach (m) 0.2		Average Stream Width of reach (m) 2.0	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): <u>30</u>	
Sand: <u>25</u>		Clay: _____		Gravel (ladybug to tennisball): <u>40</u>	
Aquatic Macrophytes: _____		Silt/Muck: _____		Overhanging Vegetation: _____	
Leaf Snags: _____		Coarse Woody Debris: <u>5</u>		Other (____): _____	
Embeddedness of Substrate at Sample Site (%) <u>10</u>		Canopy Cover at Sample Site (%) <u>50</u>			

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		
Physical			Point Source - Specify:		
Bank Erosion			Pasturing of Livestock		
Channelization: - Upstream			Runoff: - Barnyard		
- Downstream			- Construction		
Hydraulic Scour / Channel Incision			- Cropland		
Impoundment: - Upstream			- Urban		
- Downstream			Septic Systems		
Low Flow			Tile Drainage - Organic Soils		
Sedimentation			- Mineral Soils		
Sludge			Springs		
Thermal			Tributary(s)		
Turbidity			Wetland		
Other - Specify:			Other - Specify:		

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Klopping, Trent</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>23.4%</i>
Date Processed <i>2/8/2023</i>	Specimens Saved <i>Subsample 264 archived in ABL until May 2026</i>	

A1
Q2) 13
Q1) 7
Q4) 18
Q3) 20
 D2
Q1) 10
Q2) 10
Q3) 25
Q4) 18
 A3
27, 63
15
 A3, B4, C1, B1, D4, D3, B2
B4
Q3) 19 Q1) 21
Q4) 16 Q2) 264

Wisconsin Department of Natural Resources

ABL SampleNum: 20221108-57-01

Taxonomist: Dimick, Jeffrey

Waterbody: Unnamed (1256700)

SWIMS Database Key: 327255709

Page 1 of 2

	Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
	<i>Baetis brunneator</i>	L	✓	5	Klob 2016		
	<i>Caenis</i>	L	1	1	MCB 2019	dam	N
	<i>C. punctata</i>	L	11	2	Klob 2016		
1/11	<i>Brachycentrus occidentalis</i>	L	x1	11	Hils 1985		
	<i>Ceratopsyche alhedra</i>	L	x1	16	Schmidt's 1986		
	<i>C. slosseriae</i>	L	1	6	"		
2/13	<i>C. sparna</i>	L	11	2	"		
	<i>Cheumatopsyche</i>	L	1111	4	MCB 2019		
	<i>Hydropsyche helteni</i>	L	011	22	Schmidt's 1986		
	<i>Hydroptila</i>	L	1	1	MCB 2019		
	<i>Pseudopsycha</i>	L	1	1	"		
	<i>Oligoneurus</i>	L	x11	12	"	imm	N
	<i>O. fastiditus</i> L47 A. 19	L/A	80-1	66	Hils Schm 1992		
	<i>Stenelmis crevata</i>	A	1	1	"		
3/14	<i>Atherix variegata</i>	L	1	1	Hils 1985		
	<i>Hemerodromia</i>	L	11	2	MCB 2019		
	<i>Neoplasia</i>	L	11	2	"		
	<i>Simulium vittatum</i> species complex 08110217	L	111	3	Ader et al 2004		
	<i>Chrysops</i>	L	11	2	MCB 2019		
	<i>Attocha</i>	L	11	2	"		
	<i>Typula</i>	L	1	1	"		
	<i>Gammarus pseudolimnaeus</i>	A	x1111	34	Hilsinger 1972		
	<i>Physa</i>	A	1	1	Thompson 2016		
	<i>Naididae</i>	A	x1111	40	Kath Bann 1998		
	<i>Tubificidae</i> (without hairs)	A	1111	4	"		
	<i>Megadrili</i> = <i>Metagynophora</i>	A	1	1	Thompson 2016		
	<i>Sperchonidae</i>	A	1	1	Peck et al 1967		
	<i>Daphniidae</i>	A	1	1	Thompson 2016		
	<i>Spil A2 Chironomidae</i>	L	81-111				
4/5	<i>Pagastia</i>	L	1	1	Ader et al 2013		
	<i>Brillia</i>	L	11	2	"	imm	
	<i>Parametopneumus</i>	L	1111	3	"		
	<i>Tuedenia bavarica</i> group	L	111	7	Bode 1983		
	<i>Rheotanytarsus</i>	L	x1111	14	Ader et al 2013		
	<i>Simuliidae</i> 000000	L	1	1	MCB 2019	imm	N
	<i>Theremanniomyia</i> group	L	1	1	Ader et al 2013		

> 3 taxa, TUAL ≤ 2.0

15 < (0.1 x 247)

Taxonomist: Dimick, Jeffrey

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Page 2 of 2

[illegible]