

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name NORTH BRANCH HONEY CREEK	Waterbody ID Code 1255600	Sample ID (YYYYMMDD-CY-FD) 20221008-57-02
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Sampling Location DS Alder Road bridge	Database Key 327255721
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SWIMS Station ID 533078	SWIMS Station Name NORTH BRANCH HONEY CREEK AT ALDER DR
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Latitude 43.35143	Longitude -89.98129	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS <u>WGS84</u> or NAD83
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Basin (WMU) LOWER WISCONSIN	Watershed Name HONEY CREEK	County SAUK
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Sample and Site Descriptors

Sample Collector (Last Name, First) KIMBERLY KUBER	Project Name EAST & NORTH BRANCH HONEY CREEK TWA 2022
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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 (m²) 5	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: Nd E Br. Honey TWA

Water Temp. (C) 7.5	D.O. (mg/l) 11.34	D.O. (% sat.) 94.6	pH (su) 7.92	Conductivity (umhos/cm) 371	Transparency (cm) 105
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.4	Average Stream Width of reach (m) 3
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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

* Sampled rip rap (boulder/cobble) below bridge, overhanging vegetation, and beaver dam w/ woody debris.
 I'm really sorry this jar is so full.

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

A4 D2 B2 D4
 q2=15 q2=13 q4=10 q1=17
 q3=24 q4=15 q3=12 q3=16 = 255 +49
 q4=27 q3=13 q2=16 q4=18
 q1=21 q1=14 q1=4 q2=20

For Lab Use Only		
Sample Sorter Mary Joy Relagio	Taxonomist Derrick Jeffrey	Estimated Percent of Sample Sorted 25%
Date Processed 2/9/2023	Specimens Saved Subsample archived in ABZ until May 2026	

Wisconsin Department of Natural Resources

ABL SampleNum: 20221108-57-02

Taxonomist: Dimick, Jeffrey

Waterbody: North Branch Honey Creek

SWIMS Database Key: 327255721

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Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneicolor</i>	L	8-III	48	Klwb 2016		
<i>Aeshna umbrosa</i>	L	I	1	Tennessen 2019		
<i>Belostomatidae</i>	A	I	1	Hils 1986		
<i>Brachycentrus occidentalis</i>	L	-I	6	Hils 1985		
<i>Ceratopsyche slossonae</i>	L	II	2	Schm Hils 1986		
<i>Chironomidae</i>	L	II	2	MCB 2019		
<i>Hydropsyche betteni</i>	L	XI	11	Schm Hils 1986		
<i>Lepidostoma</i>	L	X	10	MCB 2019		
<i>Limnephilidae</i>	L	II	2	"	imm	
<i>Helichus striatus</i>	A	I	1	Hils Schm 1992		
<i>Dubiraphia</i>	L	III	3	MCB 2019		N
<i>D. quadrinata</i>	A	I	1	Hils Schm 1992		
<i>Optipsectus</i>	L	-III	9	MCB 2019	imm	N
<i>O. fastiditus</i> L.7 A.7	L/A	XIII	14	Hils Schm 1992		
<i>Liodessus affinis</i>	A	II	2	Hils 1994		
<i>Problezia</i>	L	III	4	Hils 1995		
<i>Bezzia/Palpomysia</i>	L	I	1	"		
<i>Ephydriidae</i>	L	I	1	MCB 2019		
<i>Simulium jenningsi</i> species group	L	I	1	Adler et al 2004	imm	
<i>Odontomyia</i>	L	-	5	MCB 2019		
<i>Antocha</i>	L	-III	9	"		
<i>Dicranota</i>	L	-I	6	"		
<i>Gammarus pseudolimnaeus</i>	A	BBIII	84	Holsinger 1972		
<i>Caecidotea</i>	A	-I	6	Thorp et al 2016	imm	
<i>Dugesidae</i>	A	I	1	"		
<i>Fossaria</i>	A	II	2	Burch 1989		
<i>Physa</i>	A	Dim	34	Thorp et al 2016		
<i>Pisidium</i>	A	X	10	"		
<i>Enchytraeidae</i>	A	-	5	"		
<i>Naididae</i>	A	-I	6	Kath B. in 1999		
<i>Tubificinae (with hairs)</i>	A	III	3	"		Y
<i>Tubificinae (without hairs)</i>	A	0-I	26	"		Y
<i>Glossiphonia complanata</i> = <i>G. elegans</i>	A	I	1	Thorp et al 2016		
<i>Megadrili</i> = <i>Metasynophora</i>	A	I	1	"		
<i>Lebertia</i>	A	-II	7	Peck et al 1990		
<i>Sphaeriidae</i>	A	I	1	"		
<i>Culicoides</i>	L	I	1	Hils 1995		

