State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
dnr.wi.gov

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

Instructions: **Bold** fields must be completed.

Station Summary

Waterbody Name	**Waterbody ID Code**	**Sample ID (YYYYMMDD-CY-FD)**
NORTH BRANCH HONEY CREEK	1255600	20221128-57-01

Sampling Location: 10m above confluence upstream to GPS point

Database Key: 327255713

SWIMS Station ID	**SWIMS Station Name**
10056300	N BRANCH HONEY CREEK AT CTH C

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
43.33121	-89.94987	SWIMS SWDV (GPS)	(WGS84) or NAD83

Basin (WMU)	**Watershed Name**	**County**
LOWER WISCONSIN	HONEY CREEK	SAUK

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
KIMBERLY KUBER	EAST & NORTH BRANCH HONEY CREEK TWA 2022

Sampling Device

- [X] D-Frame Kick Net
- [ ] Surber Sampler
- [ ] Eckman
- [ ] Ponar
- [ ] Artificial Substrate
- [ ] Hess Sampler
- [ ] Other: _____

Habitat Sampled

- [ ] Riffle
- [ ] Run
- [ ] Pool
- [ ] Other
- [ ] Shoreline Composite
- [X] Proportionally-Sampled Habitat
- [ ] Littoral Zone
- [ ] Profundal Zone
- [ ] Wetland

Total Sampling Time (min)	**Estimated Area Sampled (m^2)**	**Number of Samples in Composite**	**Replicate No.** / **of**
10	10	1	1 / 1

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [ ] Trend
- [X] Other: NF EBr. Honey Creek TWA

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
5.0	13.28	104.1	8.17	310	>120

Water Color

- [X] Clear
- [ ] Turbid
- [ ] Stained

Estimated Stream Velocity (m/s)

- [ ] Slow (< 0.15 m/s)
- [X] 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)**	**Average Stream Width of reach (m)**
	~~4~~ 0.4	~~0.4~~ 4.0

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 25 Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 5

Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 20

Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: 50 Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 70 **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
Biological		
Algae: - Diatoms / Periphyton		
- Filamentous Algae		
- Planktonic Algae		
Iron Bacteria		
Macrophytes		
Slimes		
Other - Specify:		
Physical		
Bank Erosion		
Channelization: - Upstream		
- Downstream		
Hydraulic Scour / Channel Incision		
Impoundment: - Upstream		
- Downstream		
Low Flow		
Sedimentation		
Sludge		
Thermal		
Turbidity		
Other - Specify:		

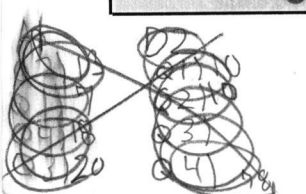
Factors that may be influencing Water Resource Integrity	Local	Water-shed
Chemical		
Chlorine		
Dissolved Oxygen		
Nutrients (P, N...)		
Toxics: - Inorganic (Metals)		
- Organic (PCBs, pesticides...)		
Other - Specify:		
Sources of Stream Impacts		
Bank Erosion		
Point Source - Specify:		
Pasturing of Livestock		
Runoff: - Barnyard		
- Construction		
- Cropland		
- Urban		
Septic Systems		
Tile Drainage - Organic Soils		
- Mineral Soils		
Springs		
Tributary(s)		
Wetland		
Other - Specify:		

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter: Walters, Selina	Taxonomist: Dimick, Jeffrey	Estimated Percent of Sample Sorted: 12.5%
Date Processed: 2/9/2023	Specimens Saved: 274 Subsample archived in WSL until May 2026	



B3
Q1: 27
Q3: 46
Q2: 40
Q4: 42

D1
Q2: 23
Q4: 25+11=36
Q1: 18+10=28
Q3: 32

Wisconsin Department of Natural Resources
ABL SampleNum: **20221128-57-01**
Taxonomist: Dimick, Jeffrey

Waterbody: **North Branch Honey Creek**
SWIMS Database Key: **327255713**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis brunneicolor	L	I	1	Klub 2016		
Sigara mathesoni	A	IIII	4	Hils 1984a		
S. trilineata	A	-I	6	"		
4e Brachycentrus occidentalis	L	-I	6	Hils 1985		
Ceratopsyche slossonae	L	X	10	Schm Hils 1986		
Cheumatopsyche	L	XIIII	19	MCB 2019		
Hydropsyche betteni	L	-IIII	9	Schm Hils 1986		
Limnephilidae	L	I	1	MCB 2019		
29 Psychomyia flavida	L	III	3	Hils 1995		
Dubiraphia	L	II	2	MCB 2019		
Optioservus fastiditus	A	I	1	Hils Schm 1992		
Probezzia	L	I	1	Hils 1995		
Hemerodromia	L	III	3	MCB 2019		
Neoplasta	L	IIII	4	"		
Ephydridae	L	II	2	"		
Simulium vittatum species complex 09110217	L	8III	33	Adler et al 2013		
Antocha	L	I	1	MCB 2019		
Limnophila	L	I	1	"		
Gammarus pseudolimnaeus	A	XIIII	~~19~~ 14	Holsinger 1972		
Caecidotea intermedia	A	X-I	16	Williams 1972		
Pisidium	A	II	2	Thorp Rog 2016		
Naidinae	A	-IIII	9	Kath Brin 1999		Y
Ophidonais serpentina	A	II	2	"		
Tubificinae (without hairs)	A	I	1	"		
Glossiphonia complanata = G. elegans	A	I	1	Thorp Rog 2016		
Enchytraeidae	A	I	1	"		
Lebertia	A	III	3	Peck et al 1990		
~~Split to Chironomidae~~	A	8+				
Diamesa	L	0-II	27	Ander et al 2013		
Parakiefferiella	L	II	2	"		
Parametriocnemus	L	II	2	"		
Tvetenia bavarica group	L	II	2	Bode 1983		
Dicrotendipes	L	IIII	4	Ander et al 2013		
Microtendipes pedellus group	L	XII	12	"		
Rheotanytarsus	L	8oXIII	73	"		
Stenochironomus	L	I	1	"		

<3 taxa, TVAL ≤ 2.0

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Orthocladiinae 08300000	L	III	3	Anderetal 2013		N
Diplocladius	L	III	3	"		
Orthocladius (Orthocladius)	L	XV	15	"		
Thienemanniella flavocapita	L	I	1	Bolton 2012		
Micropsectra	L	I	1	Anderetal 2013		