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)**
Unnamed	858800	20191009-14-02

Sampling Location	**Database Key**
50 m downstream of CTH S	212668271

SWIMS Station ID	**SWIMS Station Name**
10052608	UNNAMED TRIB (WBIC 858800) AT CTH S

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
43.41389	-88.58230	SWIMS SWDV (GPS)	~~WGS84~~ or NAD83

Basin (WMU)	**Watershed Name**	**County**
UPPER ROCK	SINISSIPPI LAKE	DODGE

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
AMRHEIN, JAMES	WILDCAT CREEK (DODGE CO) TWA 2019

Sampling Device

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

Habitat Sampled

- [X] Riffle
- [ ] Run
- [ ] Pool
- [ ] Other
- [ ] Shoreline Composite
- [ ] 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** ____
1	1	1	

Reason For Sampling

- [ ] Least Impacted Reference
- [X] 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)**
12.8	7.96	75.1			

Water Color

- [ ] Clear
- [ ] Turbid
- [X] 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)**

Composition of Substrate Sampled (Percent):

Bedrock:	Boulders (basketball or larger):	Rubble (tennisball to basketball):	Gravel (ladybug to tennisball): 50
Sand: 50	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 (%)** 100

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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	Taxonomist	Estimated Percent of Sample Sorted
Logan Cutler	Dimick, Jeffrey	100%
Date Processed	**Specimens Saved**	
2/10/2020	5 + 12 + 10 + 9 + 7 + 13 + 9 + 1 + 10 + 50 = 126	

A2 E3 C1 C2 C3 E1 A3 B3 A1 | all others Total
3.Shr | 1.Shr = Shr total

subsample archived on ABL untl Jul 2023

Wisconsin Department of Natural Resources
ABL SampleNum: **20191009-14-02**
Taxonomist: Dimick, Jeffrey

Waterbody: **Unnamed Tributary (858800)**
SWIMS Database Key: **212668271**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis brunneicolor	L	III	3	Klug 2016		
Hydropsyche betteni	L	I	1	Schm/Hils 1986		
Optioservus fastiditus	A	IIII	4	Hils Schm 1992		
Gammarus pseudolimnaeus	A	8884	112	Hols 1972		
Caecidotea	A	I	1	Will 1972	imm	
Mermithidae	A	I	1	Thorp Rog 2016	imm	
Tubificinae (without hairs)	A	-III	8	Klemm 1985		
Stictochironomus	L	III	3	Epl et al 2013		