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)**
CRAWFISH RIVER	829700	20171010-11-05

Sampling Location: 3 m downstream of Hall Rd

Database Key: 151307030

SWIMS Station ID	**SWIMS Station Name**
113143	CRAWFISH RIVER - HALL RD

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
43.35808	89.05628	SWIMS SWDV (GPS)	WGS84 or NAD83

Basin (WMU)	**Watershed Name**	**County**
UPPER ROCK	UPPER CRAWFISH RIVER	COLUMBIA

Sample and Site Descriptors

Sample Collector (Last Name, First): AMRHEIN, JAMES

Project Name: SOUTH DISTRICT NC STREAM STRATIFIED SITES 2017

Sampling Device

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

Habitat Sampled

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

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

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Control Site
- [X] Baseline
- [ ] Trend
- [ ] Impact / Treatment Site
- [ ] Other: _____

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
13.9	8.82	85.3	8.0	660	

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)**

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): 20

Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

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

Embeddedness of Substrate at Sample Site (%) 20 **Canopy Cover at Sample Site (%)** 20

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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		
- Dow nstream		
Hydraulic Scour / Channel Incision		
Impoundment: - Upstream		
- Dow nstream		
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:		

omments

ecial Instructions for Laboratory

For Lab Use Only

mple Sorter: Kayla Wilcox
e Processed: 7/27/18
Taxonomist: Dimick, Jeffrey
Estimated Percent of Sample Sorted: 70%
Specimens Saved: Subsample archived in ABL until Nov 2021

e/18

Wisconsin Department of Natural Resources
ABL SampleNum: **20171010-11-05**
Taxonomist: Dimick, Jeffrey

Waterbody: **Crawfish River**
SWIMS Database Key: **151307030**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Taeniopteryx	L	II	2	Wis 1995	imm	
Baetis brunneicolor	L	I	1	Klub 2016		
B. intercalaris	L	IIII	4	"		
B. flavistriga species complex	L	I	1	"		
Maccaffertium	L	5III	33	"	imm	Y
M. mediopunctatum	L	5	30	"		
Isonychia	L	I	1	"	imm	
Cheumatopsyche	L	55-II	77	Wis 1995		
Hydropsyche betteni	L	II	2	Schm/Wis 1986		
ceratopsyche bronta	L	-II	7	"		
C. slossonae	L	III	3	"		
C. sparna	L	-III	8	"		
Dubiraphia	L	I	1	Wisschm 1992		
Optioservus	L	I	1	"	imm	N
O. fastidiosus L, 7 A, 1	L,A	-III	8	"		
Stenelmis	L	IIII	4	"		N
S. crenata	A	II	2	"		
Atherix variegata	L	I	1	Wis 1995		
Hemerodromia	L	II	2	~~Wis 1995~~ Coffman Merr 2008		
Simulium fibrinflatum	L	I	1	Adler et al 2004		
S. ~~jenningsi~~ jenningsi species group	L	I	1	"	imm	N
Caecidotea intermedia	A	III	3	Will 1972		
~~Split #3 Chironomidae~~	L	~~II~~				
Nilotanypus	L	I	1	CranEpl 2013		
Tvetenia bavarica group	L	II	2	Bode 1983		
Rheotanytarsus	L	I	1	Epler et al 2013		