State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
dnr.w i.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 trib. of Hulburt Cr.	1298800	20170919-57-02

Sampling Location	**Database Key**
	150519162

SWIMS Station ID	**SWIMS Station Name**
10040528	UNNAMED TRIB (WBIC:1298800) OF HULBURT CREEK US LAGE RD (SITE 7)

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
43.637814	-89.83575	SWIMS SWDV GPS	WGS84 or NAD83

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

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
JEAN UNMUTH	DELL CREEK BMP EVALUATION TWA 2017

Sampling Device

- [X] 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)	**Estimated Area Sampled (m^2)**	**Number of Samples in Composite**	**Replicate No. ____ of ____**
5.0	4.0	0	

Reason For Sampling

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

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

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)**	**Average Stream Width of reach (m)**
	0.20	1.0

Composition of Substrate Sampled (Percent):

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

Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 25

Aquatic Macrophytes: 25 Leaf Snags: 30 Coarse Woody Debris: 20 Other (_____): _____

Embeddedness of Substrate at Sample Site (%) _____ **Canopy Cover at Sample Site (%)** 90

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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	Factors that may be influencing Water Resource Integrity	Local	Water-shed
Biological			**Chemical**		
Algae: - Diatoms / Periphyton	N		Chlorine	N	
- Filamentous Algae	N		Dissolved Oxygen	N	
- Planktonic Algae	N		Nutrients (P, N...)	N	
Iron Bacteria	N		Toxics: - Inorganic (Metals)		
Macrophytes	N		- Organic (PCBs, pesticides...)		
Slimes	N		Other - Specify:		
Other - Specify:	N		**Sources of Stream Impacts**		
			Bank Erosion	N	
Physical			Point Source - Specify:	N	
Bank Erosion	N		Pasturing of Livestock	N	
Channelization: - Upstream	N		Runoff: - Barnyard	N	
- Dow nstream	N		- Construction	N	
Hydraulic Scour / Channel Incision	N		- Cropland	N	
Impoundment: - Upstream			- Urban	N	
- Dow nstream			Septic Systems		
Low Flow	N		Tile Drainage - Organic Soils	N	
Sedimentation	PH		- Mineral Soils	N	
Sludge	N		Springs		
Thermal	N		Tributary(s)		
Turbidity	N		Wetland		
Other - Specify:			Other - Specify:		

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Sam Lamarche	Dimick, Jeffrey	13%
Date Processed	**Specimens Saved**	
4/16/18	Subsample archived in ABL until Jul ~~2020~~ 2021	

A1 E1
109 100
209

Wisconsin Department of Natural Resources erbody: **Unnamed Tributary (1298800) of Hulburt Creek**
ABL SampleNum: **20170919-57-02** SWIMS Database Key: **150519162**
Taxonomist: Dimick, Jeffrey

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Amphinemura linda	L	II	2	Hitchcock 1974		
Baetidae	L	I	1	Klubertanz 2016	dam	N
Baetis brunneicolor	L	II	2	"		
Eurylophella temporalis	L	III	3	"		
Maccaffertium (Iderum/viscorium)	L	III	3	"	imm	
Paraleptophlebia praepedita	L	-II	7	"		
Brachycentrus occidentalis	L	88x-II	97	Hilsenhoff 1985		
Diplectrona modesta	L	I	1	Hilsenhoff 1985		
Lepidostoma	L	8x-III	58	"		
Limnephilidae	L	II	2	"	imm	N
Hydatophylax argus	L	II	2	"		
Platycentropus	L	III	3	"		
Hydrobius	L	I	1	"		
Hemerodromia	L	I	1	Coffman, Merr. 2008		
Neoplasta	L	I	1	"		
Ephydridae	P	I	1	Merr., Webb 2008		
Simulium venustum species complex	L	I	1	Adler et al 2004		
Helius	L	I	1	Hilsenhoff 1995		
Tipula	L	I	1	"		
Parametriocnemus	P	I	1	Ferr. et al. 2008		
Caecidotea racovitzai racovitzai	A	X	10	Williams 1972		
Metacynophora	A	I	1	Brink, Cold. 1991		
Physa	A	I	1	Brown 1991		
~~Split A3 Chironomidae~~	L	~~+10~~				
Conchapelopia	L	I	1	Cran, Epler 2013		
Thienemanniella Group	L	I	1	"	imm	N
Orthocladiinae 08380000	L	I	1	Cranston 2013	imm	N
Brillia	L	I	1	Anderson 2013	not ident	
Metriocnemus	L	I	1	"		
Parametriocnemus	L	I	1	"		N
Chironominae 08330000	L	II	2	Cranston 2013	not ident imm	N
Micropsectra	L	I	1	Epler et al 2013		
Polypedilum (Polypedilum) illinoense group	L	I	1	Beltor 2012		
P. (Cresipedilum) aviceps	L	III	3	"		