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)**
ERICKSON CREEK	906200	20181022-23-07

Sampling Location: 70 m upstream of Gould Hill Rd

Database Key: 170070528

SWIMS Station ID	**SWIMS Station Name**
10034792	ERICKSON CREEK- EAST OF GOULD HILL RD

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
42.77250	89.83804	SWIMS SWDV (GPS)	WGS84 or NAD83

Basin (WMU)	**Watershed Name**	**County**
SUGAR - PECATONICA	LOWER EAST BRANCH PECATONICA RIVER	GREEN

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
AMRHEIN, JAMES	SAWMILL AND ERICKSON CREEKS TWA - 2018

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** ____
2	2	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)**
8.6	-	-	-	670	

Water Color

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

Estimated Stream Velocity (m/s)

- [ ] Slow (< 0.15 m/s)
- [ ] Moderate (0.15 m/s - 0.5 m/s)
- [X] 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): 20 Rubble (tennisball to basketball): 50 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 (%) 0 **Canopy Cover at Sample Site (%)** 70

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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: Kaylin Wicor	Taxonomist: Dimick, Jeffrey	Estimated Percent of Sample Sorted: 13%
Date Processed: 7/18/18	Specimens Saved: subsample archived in ABL until 1 Jun 2022	

D3=77
B2=55
132

Wisconsin Department of Natural Resources
ABL SampleNum: **20181022-23-07**
Taxonomist: Dimick, Jeffrey

Waterbody: **Erickson Creek**
SWIMS Database Key: **170070528**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis brunneicolor	L	I	1	Klch 2016		
Stenacron	L	-II	7	"	imm	
2/1 Brachycentrus occidentalis	L	I	1	Wils 1985		
Cheumatopsyche	L	0111	23	Wils 1995		
Hydropsyche betteni	L	XIIII	14	Schm Wils 1986		
Ceratopsyche slossonae	L	IIII	4	"		
Diplectrona	L	III	3	Wils Schm 1992		
Optioservus	L	IIII	4	"	imm	N
O. fastiditus	L	IIII	4	"		
Lampyridae	L	I	1	Wils 1995		
Hemerodromia	L	I	1	Coffman 2008		
Chelifera	L	I	1	"		
Simulium tuberosum species complex	L	I	1	Adler et al 2004		
S. vittatum species complex 08110217	L	I	1	"		
Chrysops	L	I	1	Wils 1995		
Antocha	L	I	1	"		
Tipula	L	I	1	"		
Gammarus pseudolimnaeus	A	X-II	17	Nels 1972		
Dugesiidae	A	III	4	Thorp Rog 2016		
Tubificinae (without hairs)	A	I	1	Klemm 1985		
Physa	A	XI	11	Thorp Rog 2016		
Pisidium	A	III	3	Burch 1972		
~~Subfam. Chironomidae~~	~~L~~	~~++ JSM~~				
Meropelopia	L	I	1	Cran Epl 2013		
Thienemanniella group	L	I	1	"	imm	N
Parametriocnemus	L	II	2	And+3 2013		
Thienemanniella	L	I	1	"	imm	
Tvetenia bavarica group	L	II	2	Bode 1983		
Paratanytarsus species A	L	I	1	Wils unpubl		
P. longistilus	L	I	1	Epl et al 2013		
Paratendipes	L	III	3	"		
Polypedilum	L	I	1	"	mt indet	N
P. (Polypedilum) illinoense group	L	I	1	Beck 2012		
P. (Tripodura) scalaenum group	L	I	1	"		
P. (Uresipedilum) aviceps	L	-II	7	"		
P. (U.) flavum	L	I	1	"		

<3 taxa, TVAL≤2.0

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Rheotanytarsus	L	xviiii	19	Epl et al 2013		