

**Wadeable Macroinvertebrate
Field Data Report**

Form 3200-081 (R 8/14)

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Instructions: Bold fields must be completed.

Station Summary

Waterbody Name SAWMILL CREEK	Waterbody ID Code 906000	Sample ID (YYYYMMDD-CY-FD) 20181022-23-06
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Sampling Location

3 m upstream of Gould Hill Rd	Database Key 170070543
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SWIMS Station ID

10016792

SWIMS Station Name

SAWMILL CR. - GOULD HILL RD.

Latitude

42.78688

Longitude

89.83250

Lat/Long Determination Method (circle)

SWIMS SWDV GPS

Datum Used if using GPS

WGS84 or NAD83

Basin (WMU)

SUGAR - PECATONICA

Watershed Name

LOWER EAST BRANCH PECATONICA RIVER

County

GREEN

Sample and Site Descriptors

Sample Collector (Last Name, First)

AMRHEIN, JAMES

Project Name

SAWMILL AND ERICKSON CREEKS TWA - 2018

Sampling Device

☒ 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)

1

Estimated Area Sampled (m²)

1

Number of Samples in Composite

1

Replicate No. _____ of _____

Reason For Sampling

☐ Least Impacted Reference

☒ Baseline

☐ Impact / Treatment Site

☐ Control Site

☐ Trend

☐ Other: _____

Water Temp. (C)

8.0

D.O. (mg/l)

-

D.O. (% sat.)

-

pH (su)

8.35

Conductivity (umhos/cm)

962

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)

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 70

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 (%) 0

N = Not a problem
U = Uncertain

PL = Present, Low Impact
PH = Present, High Impact

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Kyle Wilcox</i>	Taxonomist <i>Dimick, Jeffray</i>	Estimated Percent of Sample Sorted <i>7%</i>
Date Processed <i>4/8/18</i>	Specimens Saved <i>subsample archived in ABC under Jun 2012</i>	

$$A3 = 219$$

Wisconsin Department of Natural Resources

ABL SampleNum: 20181022-23-06

Taxonomist: Dimick, Jeffrey

Waterbody: Sawmill Creek

SWIMS Database Key: 170070543

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneicolar</i>	L	III	4	Klich 2016		
<i>Ephemereids</i>	L	I	1	"	imm	
<i>Stenocranus</i>	L	X-III	19	"	imm	N
<i>S. interquadratum</i>	L	I	1	"		
¹⁴ <i>Brachycentrus occidentalis</i>	L	III	4	Hils 1985		
<i>Hydropsychidae</i>	L	I	1	Hils 1995	imm	N
<i>Ceratomyza</i>	L	0-1	26	"		
<i>Hydropsyche</i>	L	"	2	"	imm	N
<i>H. boltoni</i>	L	-II	7	Schm Hils 1986		
<i>Ceratomyza strossneri</i>	L	-III	9	"		
²⁵ <i>C. spina</i>	L	I	1	"		
<i>Hydrophila</i>	L	I	1	Hils 1995		
<i>Optoservus</i>	L	X-IV	15	Hils Schm 1992	imm	N
<i>O. fastiditus</i> L, 6 A, 7	L, A	X-III	13	"		
³⁶ <i>Atherix variegata</i>	L	I	1	Hils 1995		
<i>Neoplasia</i>	L	I	1	Court Men 2008		
<i>Simulium vittatum</i> species complex 08110217	L	II	2	Adl et al 2014		
<i>Chrysops</i>	L	-	5	Hils 1995		
<i>Antocha</i>	L	I	1	"		
<i>Taeniaria</i>	P	I	1	Fendal 2008		N
<i>Gammarus pseudoimaneus</i>	A	B-III	48	Hils 1972		
<i>Trematodiformes</i>	A	I	1	Thorp 1995 2016	imm	N
<i>Hydrobates</i>	A	III	3	Pluch 1984		
<i>Dugesidae</i>	A	II	2	Thorp Reg 2016		
<i>Basemmatophora</i>	A	01	3	Burch 1989	dam	N
<i>Physa</i>	A	X-III	19	Thorp Reg 2016		
<i>Gossardia</i>	A	I	1	"		
<i>Pisidium</i>	A	X-I	11	Burch 1972		
<i>Spitaz Chironomidae</i>	L	III-IV				
<i>Orthocladinae</i> 08300000	L	II	2	Cranston 2013	imm	n=1, Y
<i>Brillia</i>	L	I	1	And + 3 2013	imm	
<i>Parametrioicremus</i>	L	II	2	"		
<i>Thienemannella</i>	L	I	1	"	imm	N
<i>Th-xena</i>	L	I	1	Bolton 2012		
<i>Taeniaria bavarica</i> group	L	III	4	Bode 1983		
<i>Chironominae</i> 08330000	L	I	1	Cranston 2013	imm	N

3 taxa, TVAL ≤ 2.0

6 L (0.1 x 202)

Taxonomist: Dimick, Jeffrey

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[illegible]