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)
STONY CREEK	28700	20171103-67-01

Sampling Location	Database Key
SUS	149356397

SWIMS Station ID	SWIMS Station Name
10008868	STONEY CREEK 3 -(MORAINE DR)

Latitude	Longitude	Lat/Long Determination Method (circle)	Datum Used if using GPS
43.5279	88.1479	SWIMS SWDV (GPS)	WGS84 or NAD83

Basin (WMU)	Watershed Name	County
MILWAUKEE RIVER	NORTH BRANCH MILWAUKEE RIVER	WASHINGTON

Sample and Site Descriptors

Sample Collector (Last Name, First)	Project Name
CRAIG HELKER	STONY CREEK BIOLOGICAL COMMUNITY ASSESSMENT

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		

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [ ] Trend
- [X] Other: Stony Creek Biological Assessment

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
7.2	11.15	94.3	7.32	727.7	+120

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)
1.4	.5	4.3

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): 30

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

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

Embeddedness of Substrate at Sample Site (%) 10 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
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

Sample poorly preserved

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter: Sam Lamarche	Taxonomist: Dimick Jeffrey	Estimated Percent of Sample Sorted: 70
Date Processed: 12/6/18	Specimens Saved: Subsample archived in ABL until Jan 2022	

IE
225

Wisconsin Department of Natural Resources
ABL SampleNum: **20171103-67-01**
Taxonomist: Dimick, Jeffrey

Waterbody: **Stony Creek**
SWIMS Database Key: **149356397**

	Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
3	Isoperla signata	L	III	3	Hils 1982		
	Baetis brunneicolor	L	I	1	Klub 2016		
	B. flavistriga species complex	L	I	1	"		
	Perlodidae	L	I	1	Hils 1995	dam	N
	Heptageniidae	L	IIII	4	Klub 2016	dam	N
	Stenacron	L	XIIII	14	"	imm	N
	S. interpunctatum	L	I	1	"		
22	Leucrocuta	L	XXVIIII	19	"		
63	Maccaffertium vicarium	L	8I	41	"		
	Leptophlebia	L	I	1	"	dam	
	Cheumatopsyche	L	XII	12	Hils 1995		
	Hydropsyche betteni	L	II	2	Schm Hils 1986		
	Pycnopsyche	L	I	1	Hils 1995		
	Chimarra	L	III	3	"	imm	N
	Ch. aterrima	L	8III	43	Hils 1982		
	Neophylax	L	I	1	Hils 1995	imm	
	Macronychus glabratus	L	I	1	Hils Schm 1992		
	Optioservus	L	-II	7	"	imm	N
	O. fastiditus L,34 A,1	L,A	3-	35	"		
	Stenelmis	L	-II	7	"		
	Ectopria	L	I	1	"	imm	
	Simulium vittatum species complex 08110218	L	I	1	Adl et al 2004		
	Dicranota	L	III	8	Hils 1995		
	Caecidotea intermedia	A	XIII	13	Will 1972		
	Dugesiidae	A	I	1	Thorp Rog 2016		
	~~Split A2 Chironomidae~~	~~L~~	~~XII~~ JJD				
	Thienemannimyia group	L	I	1	Cran Epl 2013	imm	
	Orthocladiinae 08300000	L	I	1	Cranston 2013	imm	N
	Parakiefferiella	L	I	1	Ander + 3 2013		
	Parametriocnemus	L	III	3	"		
	Chironominae 08330000	L	I	1	Cranston 2013	not indd	N
	Micropsectra	L	II	2	Epl et al 2013		
	Polypedilum (Uresipedilum) aviceps	L	I	1	Bolton 2012		
	Rheotanytarsus	L	I	1	Epl et al 2013		

3 taxa, TVAL ≤ 2.0
63 > (0.1 x 205)