

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 SETH CREEK	Waterbody ID Code 2154900	Sample ID (YYYYMMDD-CY-FD) 20181023-09-3
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Sampling Location US Culvert ~ 5m	Database Key 169413419
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SWIMS Station ID 10008669	SWIMS Station Name SETH CREEK - 240TH ST. (MALISON RD.) [1]
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Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) LOWER CHIPPEWA	Watershed Name LOWER YELLOW (CHIPPEWA CO.) RIVER	County CHIPPEWA
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Sample and Site Descriptors

Sample Collector (Last Name, First) CHRISTOPHER J WILGER MYCAL RALPH CHRISTOPHER J WILGER, MYCAL RALPH	Project Name BIG DRYWOOD/LITTLE DRYWOOD TWA 2018
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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 (m ²) 1.5	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

☐ Least Impacted Reference	☐ Baseline	☐ Impact / Treatment Site
☐ Control Site	☐ Trend	☒ Other: TWA

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) .3	Average Stream Width of reach (m) 4
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 30	Gravel (ladybug to tennisball): 40
Sand: 30	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____

Embeddedness of Substrate at Sample Site (%) 30	Canopy Cover at Sample Site (%) 0
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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	U	Chlorine	U	U
- Filamentous Algae	N	U	Dissolved Oxygen	U	U
- Planktonic Algae	N	U	Nutrients (P, N...)	U	U
Iron Bacteria	N	U	Toxics: - Inorganic (Metals)	U	U
Macrophytes	N	U	- Organic (PCBs, pesticides...)	U	U
Slimes	N	U	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	N	U
			Point Source - Specify:		
Physical			Pasturing of Livestock	N	U
Bank Erosion	N	U	Runoff: - Barnyard	N	U
Channelization: - Upstream	N	U	- Construction	N	U
- Downstream	N	U	- Cropland	N	U
Hydraulic Scour / Channel Incision	PL	U	- Urban	N	U
Impoundment: - Upstream	N	U	Septic Systems	U	U
- Downstream	N	U	Tile Drainage - Organic Soils	U	U
Low Flow	N	U	- Mineral Soils	U	U
Sedimentation	N	U	Springs	U	U
Sludge	N	U	Tributary(s)	U	U
Thermal	N	U	Wetland	U	U
Turbidity	N	U	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Abby Adams</i>	Taxonomist <i>Dimick Jeffery</i>	Estimated Percent of Sample Sorted <i>73%</i>
Date Processed <i>5-12-19</i>	Specimens Saved <i>Subsample archived in ABC until Jul 2022</i>	

D1 15 E1 13 B1 7 A1 11 C1 15 B3 12 A3 18 E3 13 B2 6 C2 13 C3 6 total = 129 specs

Wisconsin Department of Natural Resources

ABL SampleNum: 20181023-09-03

Taxonomist: Dimick, Jeffrey

Waterbody: Seth Creek

SWIMS Database Key: 169413419

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Allocaenia</i>	L	20	20	Hils 1995		
<i>Isoperla signata</i>	L	4	4	Hils 1992		
<i>Acerpenna macdunnoughi</i>	L	1	1	Kub 2016		
<i>A. pygmaea</i>	L	1	1	"		
<i>Baetisca laurentina</i>	L	1	1	"		
<i>Caenis latipennis</i>	L	7	7	"		
<i>Neptageniidae</i>	L	2	2	"	imm	N
<i>Stenacron</i>	L	4	4	"	imm	N
<i>S. interpunctatum</i>	L	1	1	"		
<i>Maccaffertium vicarium</i>	L	6	6	"		
<i>Leptophlebia</i>	L	8	8	"	imm	
<i>Helicopsyche borealis</i>	L	3	3	Hils 1995		
<i>Cheumatopsyche</i>	L	1	1	"		
<i>Ceratopsyche alhedra</i>	L	1	1	Schmitt Hils 1996		
<i>C. branta</i>	L	1	1	"		
<i>Zinnephilidae</i>	L	3	3	Hils 1995	imm	
<i>Psychomyia flavida</i>	L	1	1	"		
<i>Neophylax</i>	L	2	2	"	imm	
<i>Dubioniphia</i>	L	3	3	Hils Schmitt 1992		N
<i>D. vittata</i>	A	1	1	"		
<i>O. fastidius</i>	L	2	2	"	imm	N
<i>O. fastidius</i>	A	3	3	"		
<i>Stenelmis crenata</i>	A	1	1	"		
<i>Atherix variegata</i>	L	2	2	Hils 1995		
<i>Mallochochelea</i>	L	1	1	"		
<i>Chrysops</i>	L	2	2	"		
<i>Antocha</i>	L	1	1	"		
<i>Lebertia</i>	A	1	1	Pluch 1991		
<i>Sperchenopsis</i>	A	1	1	"		
<i>Oreoretetes rusticus</i>	A	1	1	Hobbs-Jess 1999		
<i>Naidinae</i>	A	4	4	Born-Geld 1991		
<i>Tubificoides</i> (without hairs)	A	3	3	Klemon 1995		
<i>Megadrili = Metagynophora</i>	A	1	1	Thorp 2016		
<i>Mermithidae</i>	A	1	1	"	imm	
<i>Ferrissia rivularis</i>	A	3	3	"		
<i>Spilostethus</i>	L	1	1			

Taxonomist: Dimick, Jeffrey

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[illegible]