

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name SETH CREEK	Waterbody ID Code 2154900	Sample ID (YYYYMMDD-CY-FD) 20181023-09-5
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Sampling Location DS bridge ~ 12m	Database Key 169413403
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SWIMS Station ID 10008674	SWIMS Station Name 2 - SETH CREEK - 250TH ST.
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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) ALLISON F. WILLMAN, CHRISTOPHER J. WILLIAMS, Myc...	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) 1.5 min	Estimated Area Sampled (m ²) 1.5	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>1</u>
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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) 1	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): 30
Sand: 40	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____

Embeddedness of Substrate at Sample Site (%) 50	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	N	U
- Filamentous Algae	N	U	Dissolved Oxygen	N	U
- Planktonic Algae	N	U	Nutrients (P, N...)	N	U
Iron Bacteria	N	U	Toxics: - Inorganic (Metals)	N	U
Macrophytes	N	U	- Organic (PCBs, pesticides...)	N	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	PL	U
Hydraulic Scour / Channel Incision	N	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 JACOB BULTZ	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 33
Date Processed 5/13/2019	Specimens Saved 153 subsample archived in ABL until Jul 2022	

Wisconsin Department of Natural Resources

ABL SampleNum: 20181023-09-05

Taxonomist: Dimick, Jeffrey

Waterbody: Seth Creek

SWIMS Database Key: 169413403

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Allocahna</i>	L	III	2	Hils 1995		
<i>Isoperla signata</i>	L	"	2	Hils 1992		
<i>Acerpenna</i>	L	III	3	Klob 2016		
<i>A. maddennoughi</i>	L	XIII	14	"		
<i>Placiditus punctiventris</i>	L	I	1	"		
<i>Caenis</i>	L	II	7	"	imm	N
<i>C. latipennis</i>	L	0-1	26	"		
<i>Eurylophella</i>	L	II	2	"	imm	
<i>Heptageniidae</i>	L	II	2	"	dam/imm	N
<i>Stenacron</i>	L	XIII	13	"	imm	
<i>Stenonema femoratum</i>	L	I	1	"		
<i>Maccaffertium vicarium</i>	L	III	4	"		
<i>Leptophlebia</i>	L	III	4	"	imm	
<i>ParaLeptophlebia</i>	L	I	1	"	imm	
<i>Cheumatopsyche</i>	L	II	2	Hils 1995		
<i>Mystacides</i>	L	I	1	"	imm	
<i>Limnephilidae</i>	L	II	2	"	imm	
<i>Psychomyia fluvialis</i>	L	III	3	"		
<i>Neophylax</i>	L	I	1	"		
<i>Helichus striatus</i>	A	I	1	Hils Schan 1992		
<i>Onicoservus</i>	L	II	2	"	imm	N
<i>O. fastidius</i> L.I A.I	L/A	4	2	"		
<i>Stenelmis</i>	L	I	1	"		
<i>Probezzia</i>	L	I	1	Hils 1995		
<i>Tipulidae</i>	L	I	1	"	dam	N
<i>Antocha</i>	L	I	1	"		
<i>Coerodonta</i>	A	I	1	Will 1972	imm	
<i>Snerehon</i>	A	I	1	Pluch 1984		
<i>Mermithidae</i>	A	I	1	Thorp Reg 2016	imm	
<i>Dugesiiidae</i>	A	I	1	"		
<i>Naisidae</i>	A	III	4	Brin Gel 1991		
<i>Tubificinae (without hairs)</i>	A	II	2	Klemm 1985		Y
<i>Tubificinae (with hairs)</i>	A	III	3	"		Y
<i>Viviparidae</i>	A	I	1	Thorp Reg 2016	dam	
<i>Unionidae</i>	A	I	1	"	imm	
<i>Split A2 Chironomidae</i>	L	8x III				
<i>Parametriocnemus</i>	L	II	2	And+3 2013		

[illegible]