

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name LITTLE SILVER CREEK		Waterbody ID Code 248600	Sample ID (YYYYMMDD-CY-FD) 20181012-70-07
Sampling Location			Database Key 168360440
SWIMS Station ID 10007905		SWIMS Station Name LITTLE SILVER CREEK 13	
Latitude 44.136024	Longitude -89.09269	Lat/Long Determination Method (circle) <u>SWIMS</u> SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) WOLF RIVER		Watershed Name PINE AND WILLOW RIVERS	County WAUSHARA

Sample and Site Descriptors

Sample Collector (Last Name, First) DAVID BOLHA	Project Name PINE RIVER 319 PROJECT-FUNDED 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) 5	Estimated Area Sampled (m²) 2.5	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: Targeted Watershed Assessment

Water Temp. (C) 8.5	D.O. (mg/l) 9.0	D.O. (% sat.) 79.3	pH (su) 7.6	Conductivity (umhos/cm) 266.8	Transparency (cm) 120
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Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.6	Average Stream Width of reach (m) 2.5
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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

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Sam Lamarle</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>27</i>
Date Processed <i>3/2/19</i>	Specimens Saved <i>Subsample archived in ABL until May 2022</i>	

A2 A3 C2 E3 D
 43 36 34 55 168 total specs

Wisconsin Department of Natural Resources

ABL SampleNum: 20181012-70-07

Taxonomist: Dimick, Jeffrey

Waterbody: Little Silver Creek

SWIMS Database Key: 168360440

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Trematopteryx	L	III	3	Hils 1995	imm	
Baetidae	L	III	3	Klub 2016	dam	N
Baetis brunneicolor	L	I	5	"		
B. flavistriga species complex	L	III	3	"		
Maccaffertium	L	III	4	"	dam/imm	N
M. vicarium	L	III	3	"		
Coculegaster maculata	L	I	1	Need et al 2000		
Brachycentrus americanus	L	XIII	14	Hils 1995		
B. occidentalis	L	"	2	"		
Hydropsychidae	L	I	1	Hils 1995	imm	N
Cheumatopsyche	L	0II	22	"		
Ceratopsyche glassonae	L	I	1	Schm Hils 1996		
Lepidosterna	L	III	3	Hils 1995		
Oecetis	L	I	1	"		
Limnephilidae	L	I	1	"		
Nicronia semicomis	L	I	1	Meunzig 1966		
D. fastidius	L	III	33	Hils Schm 1992	imm	N
D. fastidius L, 40 A.1	L A	B1	41	"		
Nemerodromia	L	III	3	Coat Meir 2008		
Chrysops	L	I	1	Hils 1995		
Antocha	L	I	1	"		
Orthocladius (orthocladius)	P	I	1	CoR et al 1986		
Gammarus pseudolimnaceus	A	III	32	Hils 1972		
Nicrobates	A	I	1	Pluch 1964		
Lebertia	A	I	1	"		
Limnesia	A	I	1	"		
Naidinae	A	I	1	Brimble 1991		
Ferrissia singularis	A	II	2	Thompson 2016		
Physa	A	I	1	"		
Orthocladius (orthocladius)	L	II	2	Ad + 3 2013		N
Cricotopus	L	I	1	"		
Chironomidae 08330000	L	I	1	Cranston 2013	imm	