

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name LITTLE CREEK	Waterbody ID Code 280700	Sample ID (YYYYMMDD-CY-FD) 20211005-69-05
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Sampling Location	Database Key 286575521
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SWIMS Station ID 693145	SWIMS Station Name LITTLE CREEK AT CTH O
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Latitude 44.4970052	Longitude -88.8796412	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) WOLF RIVER	Watershed Name LOWER LITTLE WOLF RIVER	County WAUPACA
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Sample and Site Descriptors

Sample Collector (Last Name, First) DAVID BOLHA	Project Name BEAR LAKE TWA 319
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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) 2	Estimated Area Sampled (m²) 1	Number of Samples in Composite 1	Replicate No. _____ of _____
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: _____

Water Temp. (C) 17.1	D.O. (mg/l) 7.25	D.O. (% sat.) 75.2	pH (su) 7.87	Conductivity (umhos/cm) 606	Transparency (cm) 102
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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 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) 1.2	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): _____ Gravel (ladybug to tennisball): _____
 Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: 80 Other (_____): _____

Embeddedness of Substrate at Sample Site (%) N/A
Canopy Cover at Sample Site (%) 80

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

Comments

Total sample sort WD 20220526

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Katherine McClurt	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 100%
Date Processed 5/26/22	Specimens Saved Subsample archived in ABC until Jul 2025	

B393:3 C393:0
 B391:1 C394:1
 B394:0 C392:0
 B392:2 C391:1

56

116

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Stenacmon	L	I	1	MCB 2019	imm	
Calopteryx maculata	L	III	3	West May 2006		
Cheumatopsyche	L	III	4	MCB 2019		
Pycnopsyche	L	I	1	"		
Macroschelus glabratus	L	II	2	Hilschm 1992		
Optioservus	L	I	1	MCB 2019	imm	N
O. fastidiosus	L	I	1	Hilschm 1992		
Corynoptera	P	III	3	MCB 2019		N
Thienemannella	P	I	1	"		N
Gammarus pseudolimnaeus	A	B	40	Hols 1972		
Caecegotona racovitzai racovitzai	A	imm	9	Will 1972		
Tubificoides (with hairs)	A	I	1	Botham 1998		
Drepanetes rusticus	A	I	1	Hobbs 1985		
Az split Chironomidae	L	X-1	10			
Corynoptera	L	X-1	16	And et al 2013		
Tubificoides bavaria group	L	III	4	Pode 1983		
Cryptochironomus	L	I	1	And et al 2013		
Rhyacotarsus	L	VIII	9	"		
Conchopodops	L	III	3	"		
Thienemannimyia group	L	II	2	"	imm	N
Parakiefferella	L	I	1	"		
Thienemannella xena	L	II	2	Bolton 2012		
Micropsectra	L	II	2	And et al 2013		
Micromedius pedellus group	L	III	3	"		
Polypedium	L	I	1	"	imm	
Stictochironomus	L	I	1	"		