

Instructions: Bold fields must be completed.

Station Summary			
<b>Waterbody Name</b> LITTLE CREEK		<b>Waterbody ID Code</b> 280700	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20211006-69-01
<b>Sampling Location</b>			<b>Database Key</b> 286575517
<b>SWIMS Station ID</b> 10048065		<b>SWIMS Station Name</b> LITTLE CREEK AT CATTLE CROSSING 3200M US COUNTY O	
<b>Latitude</b> 44.5021164	<b>Longitude</b> -88.851054	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>Basin (WMU)</b> WOLF RIVER		<b>Watershed Name</b> LOWER LITTLE WOLF RIVER	<b>County</b> WAUPACA
Sample and Site Descriptors			
<b>Sample Collector (Last Name, First)</b> DAVID BOLHA		<b>Project Name</b> BEAR LAKE TWA 319	
Sampling Device			
<input checked="" type="checkbox"/> D-Frame Kick Net	<input type="checkbox"/> Surber Sampler	<input type="checkbox"/> Eckman	
<input type="checkbox"/> Ponar	<input type="checkbox"/> Artificial Substrate	<input type="checkbox"/> Hess Sampler	<input type="checkbox"/> Other: _____
Habitat Sampled			
<input type="checkbox"/> Riffle	<input checked="" type="checkbox"/> Run	<input type="checkbox"/> Pool	
<input type="checkbox"/> Other	<input type="checkbox"/> Shoreline Composite	<input type="checkbox"/> Proportionally-Sampled Habitat	
<input type="checkbox"/> Littoral Zone	<input type="checkbox"/> Profundal Zone	<input type="checkbox"/> Wetland	
<b>Total Sampling Time (min)</b> 2	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 2.0	<b>Number of Samples in Composite</b> 1	<b>Replicate No. _____ of _____</b>
Reason For Sampling			
<input type="checkbox"/> Least Impacted Reference	<input type="checkbox"/> Baseline	<input type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site	<input type="checkbox"/> Trend	<input checked="" type="checkbox"/> Other: <u>Bear Lake TWA</u>	
<b>Water Temp. (C)</b> 14.4	<b>D.O. (mg/l)</b> 1.05	<b>D.O. (% sat.)</b> 10.4	<b>pH (su)</b> 7.31
<b>Conductivity (umhos/cm)</b> 527.3		<b>Transparency (cm)</b> 96	
Water Color			
<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Turbid	<input type="checkbox"/> Stained	
<b>Estimated Stream Velocity (m/s)</b> <input checked="" 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)
<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.15	<b>Average Stream Width of reach (m)</b> 5	
Composition of Substrate Sampled (Percent):			
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): _____
Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: <u>30</u>
Aquatic Macrophytes: <u>10</u>	Leaf Snags: _____	Coarse Woody Debris: <u>60</u>	Other ( _____ ): _____
<b>Embeddedness of Substrate at Sample Site (%)</b> <u>0</u>		<b>Canopy Cover at Sample Site (%)</b> <u>20</u>	

**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	Watershed	Factors that may be influencing Water Resource Integrity	Local	Watershed
<b>Biological</b>			<b>Chemical</b>		
Algae: - Diatoms / Periphyton	N	N	Chlorine	N	N
- Filamentous Algae	PL	<del>PL</del>	Dissolved Oxygen	PH	<del>PH</del>
- Planktonic Algae	N	N	Nutrients (P, N...)	PH	PH
Iron Bacteria	PL	<del>PL</del>	Toxics: - Inorganic (Metals)	N	N
Macrophytes	<del>PL</del>	<del>PL</del>	- Organic (PCBs, pesticides...)	N	N
Slimes	N	N	Other - Specify:	N	N
Other - Specify:	N	N	<b>Sources of Stream Impacts</b>		
			Bank Erosion	N	<del>PH</del> N
<b>Physical</b>			Point Source - Specify:	N	N
Bank Erosion	N	<del>PH</del> N	Pasturing of Livestock	N	<del>PH</del> N
Channelization: - Upstream	PH	PH	Runoff: - Barnyard	PL	PL
- Downstream	PL	<del>PL</del>	- Construction	N	N
Hydraulic Scour / Channel Incision	N	<del>PH</del> N	- Cropland	PL	PH
Impoundment: - Upstream	N	N	- Urban	N	N
- Downstream	N	N	Septic Systems	N	N
Low Flow	PH	PH	Tile Drainage - Organic Soils	N	<del>N</del>
Sedimentation	PH	PH	- Mineral Soils	N	PL
Sludge	N	N	Springs	N	N
Thermal	N	<del>N</del>	Tributary(s)	PL	<del>PL</del>
Turbidity	N	<del>PH</del> N	Wetland	PH	<del>PH</del>
Other - Specify:	N	N	Other - Specify:	N	N

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter Katherine McClure	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 56.3%
Date Processed 5/27/22	Specimens Saved Subsample archived in ABL lab 1 Jul 2023	

B393:6 A292:6 A1:16 8  
 B392:1 A293:3 A3:12 24  
 B394:1 A291:1 10 19  
 B391:1 A294:0 2

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