

**Instructions:** Bold fields must be completed.

Station Summary					
<b>Waterbody Name</b> MOOSE EAR CREEK			<b>Waterbody ID Code</b> 2089600		<b>Sample ID (YYYYMMDD-CY-FD)</b> ██████████ 20200921-55-01
<b>Sampling Location</b> @ CTH W upstream				<b>Database Key</b> 249178937	
<b>SWIMS Station ID</b> 10029349		<b>SWIMS Station Name</b> MOOSE EAR CREEK 10 M UPSTREAM OF CTH W CULVERT			
<b>Latitude</b> 45.45221	<b>Longitude</b> -91.49912	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV <u>GPS</u>		<b>Datum Used if using GPS</b> <u>WGS84</u> or NAD83	
<b>Basin (WMU)</b> LOWER CHIPPEWA		<b>Watershed Name</b> LAKE CHETEK		<b>County</b> RUSK	
Sample and Site Descriptors					
<b>Sample Collector (Last Name, First)</b> JOSEPH CUNNINGHAM			<b>Project Name</b> NOR LONG-TERM TREND WADEABLE REFERENCE STREAM		
<b>Sampling Device</b>					
<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: _____	
<b>Habitat Sampled</b>					
<input checked="" type="checkbox"/> Riffle		<input 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> 1	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1		<b>Number of Samples in Composite</b> 2		<b>Replicate No.</b> 1 of 1
<b>Reason For Sampling</b>					
<input type="checkbox"/> Least Impacted Reference		<input type="checkbox"/> Baseline		<input type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site		<input checked="" type="checkbox"/> Trend		<input type="checkbox"/> Other: _____	
<b>Water Temp. (C)</b> 11.6	<b>D.O. (mg/l)</b> 11.6	<b>D.O. (% sat.)</b> 106.4	<b>pH (su)</b> 8.1	<b>Conductivity (umhos/cm)</b> 140	<b>Transparency (cm)</b> >120
<b>Water Color</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained			<b>Estimated Stream Velocity (m/s)</b> <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)		
<b>Measured Velocity</b> 0.4 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">circle units</span> m/s or f/s		<b>Average Stream Depth of reach (m)</b> 0.2		<b>Average Stream Width of reach (m)</b> 3	
<b>Composition of Substrate Sampled (Percent):</b>					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): 20	
Sand: 10		Clay: _____		Gravel (ladybug to tennisball): 70	
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____	
Other ( _____ ): _____		Silt/Muck: _____		Overhanging Vegetation: _____	
<b>Embeddedness of Substrate at Sample Site (%)</b> 10			<b>Canopy Cover at Sample Site (%)</b> 90		

**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	PL	PL	Chlorine	N	N
- Filamentous Algae	N	PL	Dissolved Oxygen	N	N
- Planktonic Algae	N	N	Nutrients (P, N...)	N	N
Iron Bacteria	PL	PL	Toxics: - Inorganic (Metals)	N	N
Macrophytes	N	N	- Organic (PCBs, pesticides...)	N	N
Slimes	N	N	Other - Specify:		
Other - Specify:	N	N	<b>Sources of Stream Impacts</b>		
			Bank Erosion	PL	PL
			Point Source - Specify:	N	N
<b>Physical</b>			Pasturing of Livestock	N	N
Bank Erosion	PL	PL	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	PL	Tile Drainage - Organic Soils	N	U
Low Flow	N	N	- Mineral Soils	N	U
Sedimentation	PL	PL	Springs	PL	PL
Sludge	N	N	Tributary(s)	N	PL
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>Elmer, Brenden</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>3.12%</i>
Date Processed <i>2-1-2022</i>	Specimens Saved <i>132 Subsample archived in BBL until Mar 2025</i>	

D1 C3  
 Q4-82 Q4-49  
 Q3 Q2  
 Q2 Q1  
 Q1 Q3 | 132

