

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED Trib to Moose Ear Creek		Waterbody ID Code 2089800	Sample ID (YYYYMMDD-CY-FD) 20161004-03-02
Sampling Location @ 10 1/2 Avenue - upstream			Database Key 139531217
SWIMS Station ID 10037221		SWIMS Station Name UNNAMED TRIB TO MOOSE EAR CREEK AT 10-1/2 AVE	
Latitude 45.35740	Longitude -91.57862	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS WGS84 or <u>NAD83</u>
Basin (WMU) LOWER CHIPPEWA		Watershed Name LAKE CHETEK	County BARRON

Sample and Site Descriptors

Sample Collector (Last Name, First) JOSEPH CUNNINGHAM	Project Name NORTH DISTRICT NC STREAM STRATIFIED SITES 2016
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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 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

Total Sampling Time (min) 1 min	Estimated Area Sampled (m²) 1 m ²	Number of Samples in Composite 3 - 20 second kicks	Replicate No. _____ of _____
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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 type="checkbox"/> Other: <u>Natural Comm Stratified</u>

Water Temp. (C) 15.9	D.O. (mg/l) 8.4	D.O. (% sat.) 84.5	pH (su) probe issue	Conductivity (umhos/cm) 26	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) 0.25 m	Average Stream Width of reach (m) 2.0 m
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): <u>20</u>	Gravel (ladybug to tennisball): <u>45</u>
Sand: <u>20</u>	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: <u>15</u>	Coarse Woody Debris: _____	Other (_____): _____
Embeddedness of Substrate at Sample Site (%) <u>25</u>		Canopy Cover at Sample Site (%) <u>50</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	Water-shed	Factors that may be influencing Water Resource Integrity		Local	Water-shed
Biological				Chemical			
Algae: - Diatoms / Periphyton				Chlorine			
- Filamentous Algae				Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)			
Iron Bacteria				Toxics: - Inorganic (Metals)			
Macrophytes		U		- Organic (PCBs, pesticides...)			
Slimes				Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		U	U
				Point Source - Specify:			
Physical							
Bank Erosion		U	U	Pasturing of Livestock		U	U
Channelization: - Upstream				Runoff: - Barnyard		U	U
- Downstream				- Construction			
Hydraulic Scour / Channel Incision				- Cropland		U	U
Impoundment: - Upstream				- Urban			
- Downstream				Septic Systems			
Low Flow				Tile Drainage - Organic Soils			
Sedimentation				- Mineral Soils			
Sludge				Springs			
Thermal				Tributary(s)			
Turbidity				Wetland		U	U
Other - Specify:				Other - Specify:			

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Andrew Kohlmann	Taxonomist Dimitri Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 5/1/17	Specimens Saved Subsample archived in ABE inks) def 2020	

B1-218

