

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name MOOSE EAR CREEK		Waterbody ID Code 2089600		Sample ID (YYYYMMDD-CY-FD) 20190917-55-02	
Sampling Location 75 m VPSTREAM CTH W				Database Key 206243136	
SWIMS Station ID 10029349		SWIMS Station Name MOOSE EAR CREEK 10 M UPSTREAM OF CTH W CULVERT			
Latitude 45.45193	Longitude 91.49994	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>		Datum Used if using GPS <u>WGS84</u> or NAD83	
Basin (WMU) LOWER CHIPPEWA		Watershed Name LAKE CHETEK		County RUSK	
Sample and Site Descriptors					
Sample Collector (Last Name, First) JON KLEIST			Project Name NOR LONG-TERM TREND WADEABLE REFERENCE STREAM		
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) 2	Estimated Area Sampled (m²) 1.5	Number of Samples in Composite 3		Replicate No. 1 of 1	
Reason For Sampling					
<input type="checkbox"/> Least Impacted Reference		<input checked="" type="checkbox"/> Baseline		<input type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site		<input checked="" type="checkbox"/> Trend		<input type="checkbox"/> Other: _____	
Water Temp. (C) 16.0	D.O. (mg/l) 9.1	D.O. (% sat.) 97	pH (su) 7.4	Conductivity (umhos/cm) 58	Transparency (cm) >120
Water Color			Estimated Stream Velocity (m/s)		
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained			<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)		
Measured Velocity 1.5		Average Stream Depth of reach (m) 0.2		Average Stream Width of reach (m) 4	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): _____	
Sand: 20		Clay: _____		Gravel (ladybug to tennisball): 80	
Aquatic Macrophytes: _____		Silt/Muck: _____		Overhanging Vegetation: _____	
Leaf Snags: _____		Coarse Woody Debris: _____		Other (____): _____	
Embeddedness of Substrate at Sample Site (%) 30			Canopy Cover at Sample Site (%) 100		

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Couch, Natalie</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>11%</i>
Date Processed <i>11/31/2020</i>	Specimens Saved <i>Subsample archived in ABL until Dec 2023</i>	

E2-1: 21 B3: 67
A2-2: 16 E2-3: 40

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis tricaudatus</i>	L	11	2	Klub 2016		
<i>B. flavistriga</i> species complex	L	1	1	"		
<i>Ephemera</i>	L	1	1	Merritt 2019	imm	N
<i>E. subvaria</i>	L	1111	9	Klub 2016		
<i>Epeorus vitreus</i>	L	1	5	"		
<i>Leucocrota</i>	L	x1	11	Merritt 2019		
<i>Mallagma vicarium</i>	L	1	1	Klub 2016		
<i>Paraleptophlebia</i>	L	1	6	"	imm	
<i>Allocaonia</i>	L	11	2	Merritt 2019		
<i>Paracapnia angulata</i>	L	x11	17	Hatch 1974		
<i>Chironomidae</i>	L	1	1	Merritt 2019		
<i>Acanneura</i>	L	11	2	"	imm	
<i>Isoperla</i>	L	11	2	"	imm	N
<i>I. signata</i>	L	1	6	Hils 1982		
<i>Taeniopteryx</i>	L	1	1	Merritt 2019	imm	
<i>Glossosoma</i>	L	1	1	"	imm	N
<i>G. intermedium</i>	L	11	2	Wym Mes 2000		
<i>Helocopsyche borealis</i>	L	111	3	Hils 1982		
<i>Procladius</i>	L	1	1	Merritt 2019		
<i>Ceratopsyche glossonae</i>	L	1	1	Schmidt 1986		
<i>C. sparna</i>	L	111	3	"		
<i>Hydropsyche betteni</i>	L	1	1	"		
<i>Lepidostoma</i>	L	11	7	Merritt 2019		
<i>Coera stylata</i>	L	11	2	Hils 1995		
<i>Opius</i>	L	0-11	27	Merritt 2019	imm	N
<i>O. fastidius</i> L.2 A.2	L, A	111	4	Hils Sch 1992		
<i>Atherix variegata</i>	L	11	2	Hils 1995		
<i>Bezia/palomyia</i>	L	1	1	"		
<i>Nemotermia</i>	L	1	1	Merritt 2019		
<i>Diptera</i> 0800000	L	1	1	"		Y
<i>Simulium tuberosum</i> species complex	L	1111	4	Adl edal 2004		
<i>Chironomus</i>	L	11	2	Merritt 2019		
<i>Dicranota</i>	L	111	3	"		
<i>Limnephila</i>	L	1	1	"		
<i>Heptageniidae</i>	L	1	1	Merritt 2019	imm	N
<i>Split A2 Chironomidae</i>	L	111111				
<i>Neostempellina reissi</i>	L	1	1	Anders 2013		

