

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name MAIN CREEK	Waterbody ID Code 2217100	Sample ID (YYYYMMDD-CY-FD) MC-02 20170928-55-02
Sampling Location @ Cloverland Road ≈ 70 m upstream		Database Key 148126947

SWIMS Station ID 10012963	SWIMS Station Name MAIN CREEK - (ATCLOVERLAND RD)
-------------------------------------	---

Latitude 45.39488	Longitude -91.02692	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
-----------------------------	-------------------------------	--	--

Basin (WMU) UPPER CHIPPEWA	Watershed Name MAIN CREEK	County RUSK
--------------------------------------	-------------------------------------	-----------------------

Sample and Site Descriptors

Sample Collector (Last Name, First) JOSEPH CUNNINGHAM	Project Name NORTH DISTRICT NC STREAM STRATIFIED SITES 2017
---	---

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) 1 min	Estimated Area Sampled (m²) 1 m ²	Number of Samples in Composite 3-20 second kicks	Replicate No. _____ of _____
---	---	--	--

Reason for Sampling

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

Water Temp. (C) 15.6	D.O. (mg/l) 10.1	D.O. (%sat) 101.8	pH (su) 7.9	Conductivity (umhos/cm) 148.0	Transparency (cm) >120
--------------------------------	----------------------------	-----------------------------	-----------------------	---	----------------------------------

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 checked="" type="checkbox"/> Fast (>0.5 m/s)
--	--

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.5	Average Stream Width of reach (m) 10 m
--	---	--

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 50% Gravel (ladybug to tennisball): 25%
 Sand: 20% Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: 5% Coarse Woody Debris: _____ Other (): _____
 Embeddedness of Substrate at Sample Site (%) 20% Canopy Cover at Sample Site (%) 0%

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		U	U	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			
Bank Erosion				Runoff: - Barnyard			
Channelization: - Upstream				- Construction			
- Downstream				- Cropland		U	U
Hydraulic Scour / Channel Incision				- Urban			
Impoundment: - Upstream				Septic Systems			
- Downstream				Tile Drainage - Organic Soils			
Low Flow				- Mineral Soils			
Sedimentation				Springs			
Sludge				Tributary(s)			
Thermal				Wetland			
Turbidity				Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Jesse J. Berg	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 9/14/18	Specimens Saved Subsample archived in ABC until Dec 2021	

AZ 263 3.25 hr

5 Identaronid inant