

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name SOUTH BRANCH OCONTO RIVER		Waterbody ID Code 480900	Sample ID (YYYYMMDD-CY-FD) 20161005-34-08
Sampling Location @ STH 64 - downstream			Database Key 133642147
SWIMS Station ID 10021592	SWIMS Station Name SOUTH BRANCH OCONTO RIVER - 444M BELOW STH 64		
Latitude 45.19204	Longitude -88.67905	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS WGS84 or <u>NAD83</u>
Basin (WMU) GREEN BAY		Watershed Name SOUTH BRANCH OCONTO RIVER	County LANGLADE

Sample and Site Descriptors

Sample Collector (Last Name, First) JAMES KLOSIEWSKI <i>Cunningham, Joe</i>	Project Name NORTH DISTRICT NC STREAM STRATIFIED SITES 2016
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Sampling Device

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. 1 of 1
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Reason For Sampling

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

Water Temp. (C) 13.0	D.O. (mg/l) 10.9	D.O. (%sat.) 103.7	pH (su) <i>probe issue</i>	Conductivity (umhos/cm) 276	Transparency (cm) >120
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input 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) 0.3	Average Stream Width of reach (m) 7.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 30
 Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 10% **Canopy Cover at Sample Site (%)** 40%

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Taylor 1102	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 3-2-17	Specimens Saved Subsample archived in DRL until Oct 2020	

A3 190