

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name NORTH BRANCH LITTLE RIVER		Waterbody ID Code 442800	Sample ID (YYYYMMDD-CY-FD) 20181003-43-05
Sampling Location 10 m DS			Database Key 168363653
SWIMS Station ID 10051378		SWIMS Station Name UNT TO NORTH BRANCH LITTLE RIVER 110M DS STEFFER RD	
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) GREEN BAY		Watershed Name LITTLE RIVER	County OCONTO

Sample and Site Descriptors	
Sample Collector (Last Name, First) ANDREW HUDAK	Project Name LITTLE RIVER TWA ASSESSMENT 2018

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) 3	Estimated Area Sampled (m²) 4	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

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

Water Temp. (C) 12.31	D.O. (mg/l) 10.05	D.O. (% sat.) 96.7	pH (su) 8.11	Conductivity (umhos/cm) 632	Transparency (cm) 7122
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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) 0.15	Average Stream Width of reach (m) 2
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Composition of Substrate Sampled (Percent):

Bedrock: _____
 Boulders (basketball or larger): _____
 Rubble (tennisball to basketball): 20
 Gravel (ladybug to tennisball): 40
 Sand: 40
 Clay: _____
 Silt/Muck: _____
 Overhanging Vegetation: 20
 Aquatic Macrophytes: _____
 Leaf Snags: _____
 Coarse Woody Debris: _____
 Other (____): _____
 Embeddedness of Substrate at Sample Site (%) 40
 Canopy Cover at Sample Site (%) 10

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		N	N	Chlorine		N	N
- Filamentous Algae		U	U	Dissolved Oxygen		N	U
- Planktonic Algae		N	N	Nutrients (P, N...)		PL	PL
Iron Bacteria		N	N	Toxics: - Inorganic (Metals)		N	N
Macrophytes		N	U	- Organic (PCBs, pesticides...)		U	U
Slimes		N	N	Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		N	N
				Point Source - Specify:		N	N
				Pasturing of Livestock		N	U
Physical				Runoff: - Barnyard		N	U
Bank Erosion		N	N	- Construction		N	N
Channelization: - Upstream		U	U	- Cropland		PL	PL
- Downstream		U	U	- Urban		N	N
Hydraulic Scour / Channel Incision		N	N	Septic Systems		N	U
Impoundment: - Upstream		N	N	Tile Drainage - Organic Soils		N	U
- Downstream		N	N	- Mineral Soils		N	U
Low Flow		U	U	Springs		U	U
Sedimentation		N	N	Tributary(s)		U	U
Sludge		N	N	Wetland		U	U
Thermal		N	N	Other - Specify:			
Turbidity		N	N				
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Jim Lamarche</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>790</i>
Date Processed <i>2/27/19</i>	Specimens Saved <i>Subsample archived in ABC until May 2022</i>	

B2
 178 specs