

Instructions: **Bold** fields must be completed.

Station Summary			
Waterbody Name UNNAMED <i>15.</i>		Waterbody ID Code 442600	Sample ID (YYYYMMDD-CY-FD) <i>20180927-43-08</i>
Sampling Location <i>15m us Hogback</i>			Database Key 168363641
SWIMS Station ID 10051349		SWIMS Station Name UNT LITTLE RIVER 10M US HOGSBACK ROAD	
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) <i>6</i>	Estimated Area Sampled (m ²) <i>6</i>	Number of Samples in Composite <i>1</i>	Replicate No. <i>1</i> of <i>1</i>
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Reason For Sampling

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

Water Temp. (C) <i>12.4</i>	D.O. (mg/l) <i>8.9</i>	D.O. (% sat.) <i>83.7</i>	pH (su) <i>7.94</i>	Conductivity (umhos/cm) <i>432.1</i>	Transparency (cm) <i>7122</i>
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Water Color

Clear
 Turbid
 Stained

Estimated Stream Velocity (m/s)

Slow (< 0.15 m/s)
 Moderate (0.15 m/s - 0.5 m/s)
 Fast (> 0.5 m/s)

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) <i>0.1</i>	Average Stream Width of reach (m) <i>3</i>
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): *10* Rubble (tennisball to basketball): *50* Gravel (ladybug to tennisball): *20*
 Sand: *20* Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____
 Embeddedness of Substrate at Sample Site (%) *60* Canopy Cover at Sample Site (%) *50*

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Sam Lamarche</i>	Taxonomist <i>Derrick Jeffrey</i>	Estimated Percent of Sample Sorted <i>33%</i>
Date Processed <i>2/15/19</i>	Specimens Saved <i>subsample archived in APL vials May 2022</i>	

C2 C1 E2 B1 D2
 27 20 46 28 23 138 total