

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name UNNAMED		Waterbody ID Code 442400	Sample ID (YYYYMMDD-CY-FD) 20181001-43-07
Sampling Location 20 m us CTH J			Database Key 168363605
SWIMS Station ID 433056		SWIMS Station Name JONES CREEK - CTH J BRIDGE	
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 (m <sup>2</sup> ) 3	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

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

Water Temp. (C) 10.52	D.O. (mg/l) 9.67	D.O. (% sat.) 88.0	pH (su) 8.18	Conductivity (umhos/cm) 2.00	Transparency (cm) 7122
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Water Color      Estimated Stream Velocity (m/s)

Clear       Turbid       Stained       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) 0.15	Average Stream Width of reach (m) 3
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Composition of Substrate Sampled (Percent):

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 30 Gravel (ladybug to tennisball): 30  
Sand: 20 Clay: \_\_\_\_\_ Silt/Muck: 10 Overhanging Vegetation: \_\_\_\_\_  
Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: 10 Coarse Woody Debris: \_\_\_\_\_ Other ( \_\_\_\_\_ ): \_\_\_\_\_  
Embeddedness of Substrate at Sample Site (%) 50 Canopy Cover at Sample Site (%) 70

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

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter <i>Sam Lamore</i>	Taxonomist <i>Dimock, Jeffrey</i>	Estimated Percent of Sample Sorted <i>7%</i>
Date Processed <i>1/19/19</i>	Specimens Saved <i>Subsample archived in ABC until May 2022</i>	

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