

Instructions: Bold fields must be completed.

Station Summary		
<b>Waterbody Name</b> UNNAMED	<b>Waterbody ID Code</b> 128000	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20161004-45-01

<b>Sampling Location</b>	<b>Database Key</b> 133775357
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<b>SWIMS Station ID</b> 10044824	<b>SWIMS Station Name</b> UNT TO FOX RIVER 50M US MAIN ST (USH 96)
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<b>Latitude</b> 44.2820422	<b>Longitude</b> -88.328577	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
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<b>Basin (WMU)</b> LOWER FOX	<b>Watershed Name</b> FOX RIVER - APPLETON	<b>County</b> OUTAGAMIE
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Sample and Site Descriptors	
<b>Sample Collector (Last Name, First)</b> ANDREW HUDAK	<b>Project Name</b> GARNER'S CREEK TWA [HUC12] 2016

**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

<b>Total Sampling Time (min)</b> 6	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 8	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> 1 <b>of</b> 1
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**Reason For Sampling**

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

<b>Water Temp. (C)</b> 15.52	<b>D.O. (mg/l)</b> 7.20	<b>D.O. (% sat.)</b> 71.2	<b>pH (su)</b> 7.52	<b>Conductivity (umhos/cm)</b> 980	<b>Transparency (cm)</b> —
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<b>Water Color</b>	<b>Estimated Stream Velocity (m/s)</b>
<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	<input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)

<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 1	<b>Average Stream Width of reach (m)</b> 5
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_   
 Boulders (basketball or larger): 10   
 Rubble (tennisball to basketball): 40   
 Gravel (ladybug to tennisball): 20  
 Sand: \_\_\_\_\_   
 Clay: 10   
 Silt/Muck: \_\_\_\_\_   
 Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_   
 Leaf Snags: 20   
 Coarse Woody Debris: \_\_\_\_\_   
 Other (\_\_\_\_): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%) 60   
 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
<b>Biological</b>			<b>Chemical</b>		
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:			<b>Sources of Stream Impacts</b>		
			Bank Erosion		
<b>Physical</b>			Point Source - Specify:		
Bank Erosion			Pasturing of Livestock		
Channelization: - Upstream			Runoff: - Barnyard		
- Downstream			- Construction		
Hydraulic Scour / Channel Incision			- Cropland		
Impoundment: - Upstream			- Urban		
- Downstream			Septic Systems		
Low Flow			Tile Drainage - Organic Soils		
Sedimentation			- Mineral Soils		
Sludge			Springs		
Thermal			Tributary(s)		
Turbidity			Wetland		
Other - Specify:			Other - Specify:		

Comments

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Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Bonnie Richards</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>13</i>
Date Processed <i>10-30-16</i>	Specimens Saved <i>Subsample archived in ABL until Jan 2020</i>	

*C1: 28 DS: 105*  
*[183]*