

Instructions: Bold fields must be completed.

Station Summary		
<b>Waterbody Name</b> UNNAMED TRIBUTARY TO POKEGAMA R.	<b>Waterbody ID Code</b> 28 44 400	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20171013-16-03
<b>Sampling Location</b> 20 m DS IRONDALE RD		<b>Database Key</b> 149840370

<b>SWIMS Station ID</b> 10049173	<b>SWIMS Station Name</b> UNNAMED TRIBUTARY TO POKEGAMA R. 3M US IRONDALE RD		
<b>Latitude</b> 46.60516	<b>Longitude</b> 92.18636	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV <u>GPS</u>	<b>Datum Used if using GPS</b> <u>WGS84</u> or NAD83
<b>Basin (WMU)</b> LAKE SUPERIOR	<b>Watershed Name</b> ST. LOUIS AND LOWER NEMADJI RIVER		<b>County</b> DOUGLAS

Sample and Site Descriptors	
<b>Sample Collector (Last Name, First)</b> CRAIG P ROESLER, CHANG VANG	<b>Project Name</b> NORTHERN DISTRICT TWA 2017

**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

<b>Total Sampling Time (min)</b> 1.5	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1.5	<b>Number of Samples in Composite</b> 3	<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: \_\_\_\_\_

<b>Water Temp. (C)</b> 10.0	<b>D.O. (mg/l)</b> 9.5	<b>D.O. (% sat.)</b> 86	<b>pH (su)</b> 7.4	<b>Conductivity (umhos/cm)</b> 114	<b>Transparency (cm)</b> 24
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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)

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

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 90  
 Sand: \_\_\_\_\_ 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 (%)** 30