

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name <b>UNNAMED TRIBUTARY TO POKEGAMA BAY</b>		Waterbody ID Code <b>2844200</b>	Sample ID (YYYYMMDD-CY-FD) 20171013-16-05
Sampling Location <b>35 m DS STH 105 CULVERT OUTFALL</b>		Database Key 149840248	
SWIMS Station ID 10049172		SWIMS Station Name <b>BAY</b> UNNAMED TRIBUTARY TO POKEGAMA 182M DS OF STH 105	
Latitude <b>46.66652</b>	Longitude <b>-92.13254</b>	Lat/Long Determination Method (circle) SWIMS SWDV <b>GPS</b>	Datum Used if using GPS <b>WGS84</b> or NAD83
Basin (WMU) LAKE SUPERIOR		Watershed Name ST. LOUIS AND LOWER NEMADJI RIVER	County DOUGLAS

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

**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) <b>2</b>	Estimated Area Sampled (m <sup>2</sup> ) <b>2</b>	Number of Samples in Composite <b>3</b>	Replicate No. <b>1</b> of <b>1</b>
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**Reason For Sampling**

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

Water Temp. (C) <b>10.2</b>	D.O. (mg/l) <b>10.8</b>	D.O. (% sat.) <b>98</b>	pH (su) <b>7.7</b>	Conductivity (umhos/cm) <b>142</b>	Transparency (cm) <b>27</b>
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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) <b>0.25</b>	Average Stream Width of reach (m) <b>2</b>
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**Composition of Substrate Sampled (Percent):**

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

Sand: \_\_\_\_\_ Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_

Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other (\_\_\_\_): \_\_\_\_\_

Embeddedness of Substrate at Sample Site (%) **20**      Canopy Cover at Sample Site (%) **20**