

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> POKEGAMA RIVER	<b>Waterbody ID Code</b> 2844000	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20171102-16-02
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<b>Sampling Location</b> US Village of Superior Wastewater Lagoons	<b>Database Key</b> 150692446
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<b>SWIMS Station ID</b> 10048396	<b>SWIMS Station Name</b> POKEGAMA RIVER UPSTREAM OF VILLAGE OF SUPERIOR WW OUTFALL
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<b>Latitude</b> 46.64391	<b>Longitude</b> -92.11157	<b>Lat/Long Determination Method (circle)</b> SWIMS <u>SWDV</u> GPS	<b>Datum Used if using GPS</b> <u>WGS84</u> or NAD83
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<b>Basin (WMU)</b> LAKE SUPERIOR	<b>Watershed Name</b> ST. LOUIS AND LOWER NEMADJI RIVER	<b>County</b> DOUGLAS
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> CRAIG P ROESLER, CHANG VANG	<b>Project Name</b> NORTHERN DISTRICT TWA 2017
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**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> 3	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 3	<b>Number of Samples in Composite</b> 5	<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> 1.8	<b>D.O. (mg/l)</b> 13.4	<b>D.O. (%sat.)</b> 97	<b>pH (su)</b> 7.7	<b>Conductivity (umhos/cm)</b> 142	<b>Transparency (cm)</b> 21
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<b>Water Color</b> <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <input type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" type="checkbox"/> Fast (> 0.5 m/s)
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<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.5	<b>Average Stream Width of reach (m)</b> 7
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 50

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 (%)** 0

**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		
			Point Source - Specify:		
			Pasturing of Livestock		
			Runoff: - Barnyard		
			- Construction		
			- Cropland		
			- Urban		
			Septic Systems		
			Tile Drainage - Organic Soils		
			- Mineral Soils		
			Springs		
			Tributary(s)		
			Wetland		
			Other - Specify:		
<b>Physical</b>					
Bank Erosion					
Channelization: - Upstream					
- Downstream					
Hydraulic Scour / Channel Incision					
Impoundment: - Upstream					
- Downstream					
Low Flow					
Sedimentation					
Sludge					
Thermal					
Turbidity					
Other - Specify:					

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter <i>Kayla Wilcox</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>13%</i>
Date Processed <i>4/11/16</i>	Specimens Saved <i>Subsample archived in ABC until <sup>May</sup> Apr 2025</i>	

*D2 = 79*

*A3 = 62*

*1211*

