

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name POKEGAMA RIVER		Waterbody ID Code 2844000	Sample ID (YYYYMMDD-CY-FD) 20171013-16-04
Sampling Location 4 m US Irondale Rd		Database Key 149840099	
SWIMS Station ID 163208		SWIMS Station Name POKEGAMA RIVER - SEC 25 T48N R15W	
Latitude 46.60733	Longitude -92.19366	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 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) CRAIG P ROESLER, CHANG VANG	Project Name 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

Total Sampling Time (min) 1.5	Estimated Area Sampled (m ²) 1.5	Number of Samples in Composite 3	Replicate No. <u>1</u> of <u>1</u>
----------------------------------	---	-------------------------------------	------------------------------------

Reason for Sampling

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

Water Temp. (C) 9.8	D.O. (mg/l) 9.9	D.O. (%sat.) 89	pH (su) 7.6	Conductivity (umhos/cm) 192	Transparency (cm) 16
------------------------	--------------------	--------------------	----------------	--------------------------------	-------------------------

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) 0.3	Average Stream Width of reach (m) 4
---	--	--

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 (%) 10 Canopy Cover at Sample Site (%) 20