

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name Black River		Waterbody ID Code 2836900	Sample ID (YYYYMMDD-CY-FD) 20161010-16-03
Sampling Location 110m US STH 35			Database Key 134667103
SWIMS Station ID 10046991		SWIMS Station Name BLACK RIVER 410 M DS OF STH 35	
Latitude 46.44787	Longitude -92.16588	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LAKE SUPERIOR		Watershed Name BLACK AND UPPER NEMADJI RIVER	County DOUGLAS

Sample and Site Descriptors

Sample Collector (Last Name, First) CRAIG P ROESLER, MADELINE E ROBERTS	Project Name BLACK RIVER TWA TALU 2016
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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

Total Sampling Time (min) 15	Estimated Area Sampled (m²) 1.5	Number of Samples in Composite 3	Replicate No. 1 of 1
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Reason For Sampling

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

Water Temp. (C) 11.1	D.O. (mg/l) 9.8	D.O. (%sat.)	pH (su) 7.1	Conductivity (umhos/cm) 56	Transparency (cm) 100
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Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity 1 circle units m/s or f/s	Average Stream Depth of reach (m) 0.4	Average Stream Width of reach (m) 8
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 60
 Sand: 30 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

