

Instructions: **Bold** fields must be completed.

Station Summary			
Waterbody Name SPIDER CREEK		Waterbody ID Code 2918700	Sample ID (YYYYMMDD-CY-FD) 20180926-02-03
Sampling Location @ CTH GG US		Database Key 168311258	
SWIMS Station ID 10051355		SWIMS Station Name SPIDER CREEK 10M US CTH GG	
Latitude 46.23519	Longitude -90.83359	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LAKE SUPERIOR		Watershed Name MARENGO RIVER	County ASHLAND

Sample and Site Descriptors	
Sample Collector (Last Name, First) CRAIG ROSENBERG JON J KLEIST / JOSEPH	Project Name NORTH DISTRICT NC STREAM STRATIFIED SITES 2018

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) 2	Estimated Area Sampled (m ²) 1.5	Number of Samples in Composite 3	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

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

Water Temp. (C) 12.1	D.O. (mg/l) 5.6	D.O. (% sat.) 53.0	pH (su) 5.3	Conductivity (umhos/cm) 28	Transparency (cm) 80
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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) 0.5	Average Stream Width of reach (m) 5
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Composition of Substrate Sampled (Percent):

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

Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 30

Aquatic Macrophytes: 40 Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 60 Canopy Cover at Sample Site (%) 30 %