

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name MIDDLE BR EMBARRASS RIVER	Waterbody ID Code 310700	Sample ID (YYYYMMDD-CY-FD) 20191010-59-01
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Sampling Location	Database Key 209699384
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SWIMS Station ID 593163	SWIMS Station Name EMBARRASS RIVER MIDDLE BRANCH - CTH Q
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Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) WOLF RIVER	Watershed Name MIDDLE AND SOUTH BRANCHES EMBARRASS	County SHAWANO
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Sample and Site Descriptors

Sample Collector (Last Name, First) ANDREW HUDAK	Project Name EAST DISTRICT NC STREAM STRATIFIED SITES 2019
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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

Total Sampling Time (min) 3	Estimated Area Sampled (m²) 5	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

Least Impacted Reference Baseline Impact / Treatment Site
 Control Site Trend Other: Natural Community stratified Random

Water Temp. (C) 10.9	D.O. (mg/l) 10.3	D.O. (% sat.) 94.4	pH (su) 7.4	Conductivity (umhos/cm) .344	Transparency (cm) 7122
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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 type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.5	Average Stream Width of reach (m) 16
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 70 Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____
 Sand: 30 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 60 **Canopy Cover at Sample Site (%)** 80