

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name NORTH BRANCH EMBARRASS RIVER	Waterbody ID Code 301300	Sample ID (YYYYMMDD-CY-FD) 20201026-59-03
Sampling Location		Database Key 258672026

SWIMS Station ID 10040447	SWIMS Station Name NB EMBARRASS RIVER 300 YDS DS DNR RANGER STATION DAM		
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	
Basin (WMU) WOLF RIVER			Watershed Name NORTH BRANCH AND MAINSTEM EMBARRA
County SHAWANO			Datum Used if using GPS WGS84 or NAD83

Sample and Site Descriptors	
Sample Collector (Last Name, First) ANDREW HUDAK	Project Name 2020 TWA STRASSBURG CREEK- NORTH BRANCH EMBARRA

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) 6	Estimated Area Sampled (m²) 4	Number of Samples in Composite 1	Replicate No. 1 of 1
---------------------------------------	--	--	------------------------------------

Reason For Sampling

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

Water Temp. (C) 2.3	D.O. (mg/l) 13.5	D.O. (% sat.) 98.6	pH (su)	Conductivity (umhos/cm) .211	Transparency (cm) >122
-------------------------------	----------------------------	------------------------------	----------------	--	----------------------------------

Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input 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)
--	--

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 4	Average Stream Width of reach (m) 10
--	---	--

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 30
 Rubble (tennisball to basketball): 40
 Gravel (ladybug to tennisball): 20
 Sand: 10
 Clay: _____
 Silt/Muck: _____
 Overhanging Vegetation: _____
 Aquatic Macrophytes: _____
 Leaf Snags: _____
 Coarse Woody Debris: _____
 Other (____): _____

Embeddedness of Substrate at Sample Site (%) 70
Canopy Cover at Sample Site (%) 90