

PULL THERMISTOR

~ 200 ft DS of bridge; right bank, below giant white pine tree; rebar in bank near small diameter tree; thermistor on long wire ^{and} lashed to rock

State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
dnr.wi.gov

Wadeable Macroinvertebrate
Field Data Report
Form 3200-081 (R 8/14) Page 1 of 2

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name TOTAGATIC RIVER	Waterbody ID Code 2689800	Sample ID (YYYYMMDD-CY-FD) 2018 11 02 - 66-03
--	-------------------------------------	---

Sampling Location 50 m DS Nancy Lake Rd	Database Key 168634570
---	----------------------------------

SWIMS Station ID 10022312	SWIMS Station Name TOTAGATIC RIVER DOWNSTREAM OF NANCY LAKE ROAD
-------------------------------------	--

Latitude 46.09908	Longitude 91.94488	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS WGS84 or NAD83
-----------------------------	------------------------------	--	---

Basin (WMU) ST. CROIX	Watershed Name LOWER NAMEKAGON RIVER	County WASHBURN
---------------------------------	--	---------------------------

Sample and Site Descriptors

Sample Collector (Last Name, First) CRAIG ROESLER	Project Name NOR LONG-TERM TREND WADEABLE REFERENCE STREAM
---	--

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	Estimated Area Sampled (m²) 1.5	Number of Samples in Composite 3-20s K.2ts	Replicate No. 1 of 1
---------------------------------------	--	--	------------------------------------

Reason For Sampling

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

Water Temp. (C) 5.7	D.O. (mg/l) 11.1	D.O. (% sat.) 91.5	pH (su) 7.44	Conductivity (umhos/cm) 68.8	Transparency (cm) 7121
-------------------------------	----------------------------	------------------------------	------------------------	--	----------------------------------

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) 1.5	Average Stream Width of reach (m) 10
--	---	--

Composition of Substrate Sampled (Percent):

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

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

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

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