

PULL THERMISTOR

~100ft US of bridge; DS of large boulder on left bank

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 EIGHTEENMILE CREEK	Waterbody ID Code 2895900	Sample ID (YYYYMMDD-CY-FD) 2018101-04-04
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Sampling Location 40m US old Bridge old 63	Database Key 168634574
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SWIMS Station ID 043097	SWIMS Station Name EIGHTEEN MILE CREEK - 20 M UPSTREAM OLD HWY 63 - STATION #3
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Latitude 46.36005	Longitude -91.12532	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) LAKE SUPERIOR	Watershed Name WHITE RIVER	County BAYFIELD
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Sample and Site Descriptors

Sample Collector (Last Name, First) CRAIG ROESLER	Project Name NOR LONG-TERM TREND WADEABLE REFERENCE STREAM
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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) 1 min	Estimated Area Sampled (m²) 1.5 m ²	Number of Samples in Composite 3-20 sand kicks	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) 4.5	D.O. (mg/l) 12.5	D.O. (% sat.) 100.8	pH (su) 7.7	Conductivity (umhos/cm) 103	Transparency (cm) >120
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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 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) 0.4	Average Stream Width of reach (m) 5 m
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 50% Gravel (ladybug to tennisball): 40%
 Sand: 10% 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 (%) 20%