

**Wadeable Macroinvertebrate
Field Data Report**

Form 3200-081 (R 8/14)

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Instructions: Bold fields must be completed.

Station Summary

Waterbody Name

Waterbody ID Code

Sample ID (YYYYMMDD-CY-FD)

Sampling Location

Database Key

SWIMS Station ID

10049342

SWIMS Station Name

EMMONS CREEK - EXPERIMENTAL REACH NEAR STRATTON LAKE RD

Latitude

44.29626

Longitude

-89.24053

Lat/Long Determination Method (circle)

SWIMS

SWDV

GPS

Datum Used if using GPS

WGS84 or NAD83

Basin (WMU)

WOLF RIVER

Watershed Name

WAUPACA RIVER

County

PORTAGE

Sample and Site Descriptors

Sample Collector (Last Name, First)

DAVID A BOLHA, MICHAEL P SHUPRYT

Project Name

EMMONS CREEK DISCHARGE REDUCTION MI FY18

Sampling Device

☐ D-Frame Kick Net

☐ Surber Sampler

☐ Eckman

☐ Ponar

☐ Artificial Substrate

☐ Hess Sampler

☒ Other:

Core

Habitat Sampled

☐ Riffle

☐ Run

☐ Pool

☐ Other

☐ Shoreline Composite

☐ Proportionally-Sampled Habitat

☐ Littoral Zone

☐ Profundal Zone

☐ Wetland

Total Sampling Time (min)

Estimated Area Sampled (m²)

Number of Samples in Composite

Replicate No. _____ **of** _____

Reason For Sampling

☐ Least Impacted Reference

☐ Baseline

☐ Impact / Treatment Site

☐ Control Site

☐ Trend

☒ Other:

Special Project

Water Temp. (C)

D.O. (mg/l)

D.O. (% sat.)

pH (su)

Conductivity (umhos/cm)

Transparency (cm)

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)

Average Stream Width of reach (m)

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 (%)** _____

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Stream and Watershed Descriptors

N = Not a problem
U = Uncertain

PL = Present, Low Impact
PH = Present, High Impact

Factors that may be influencing Water Resource Integrity	Local	Water- shed	Factors that may be influencing Water Resource Integrity	Local	Water- shed
Biological			Chemical		
Algae: - Diatoms / Periphyton			Chlorine		
- Filamentous Algae			Dissolved Oxygen		
- Planktonic Algae			Nutrients (P, N...)		
Iron Bacteria			Toxics: - Inorganic (Metals)		
Macrophytes			- Organic (PCBs, pesticides...)		
Slimes			Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion		
			Point Source - Specify:		
Physical			Pasturing of Livestock		
Bank Erosion			Runoff: - Barnyard		
Channelization: - Upstream			- Construction		
- Downstream			- Cropland		
Hydraulic Scour / Channel Incision			- Urban		
Impoundment: - Upstream			Septic Systems		
- Downstream			Tile Drainage - Organic Soils		
Low Flow			- Mineral Soils		
Sedimentation			Springs		
Sludge			Tributary(s)		
Thermal			Wetland		
Turbidity			Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist <i>Dimeck, Jeffrey</i>	Estimated Percent of Sample Sorted
Date Processed	Specimens Saved <i>Sample archived in ABL until Sept 2027</i>	

ABL SampleNum: 20180820-50-12

Waterbody: **Emmons Creek**
SWIMS Database Key: **164643119**
Taxonomist: **Dimick, Jeffrey**

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