

20170921-44-02

State of Wisconsin

Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

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Station Summary

Waterbody Name: WISCONSIN RIVER WBIC: 1179900 Field Seq no. generated by SWIMS: 149841349

SWIMS Station ID: 10049291 SWIMS Station Name: WISCONSIN R APP .15 MILES DS FROM HAT RAPIDS DAM

Field Sample ID (retrieval date): 09/21/17 Basin (WMU): UPPER WISCONSIN Watershed Name: MOOSE AND PINE CREEK County: ONEIDA

Project Name: RELATIONSHIP BETWEEN MIBI SCORES AND DISTANCE DOWNSTREAM FROM DAMS

Latitude: 45.56926 Longitude: -89.48051 Determination Method: Datum Used:

Site Access Details: HAT RAPIDS RD + WALK D.S.

Sample and Site Descriptors

Sampling Device

Standard Non-wadeable Hester Dendy Hester Dendy Area Calculation = Plate Size (cm) 7.62 cm<sup>2</sup>  
 Number of Plates 8  
 Other Device: \_\_\_\_\_ Device Area Calculation = Plate Size (cm) \_\_\_\_\_

Habitat Sampled

Suspended  River Bed

Snags (no./100m) 1 Avg. size (dbh) \_\_\_\_\_ Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: undeveloped wild forested

Substrate Composition

Bedrock \_\_\_\_\_ % Boulder 30 % Cobble 40 % Gravel 30 %  
 Sand \_\_\_\_\_ % Silt \_\_\_\_\_ % Clay \_\_\_\_\_ % Muck \_\_\_\_\_ %  
 Aquatic Macrophytes \_\_\_\_\_ % CWD \_\_\_\_\_ % Other ( \_\_\_\_\_ ): \_\_\_\_\_ %

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	8/9/17	9/21/17	43
Time:	12:00	13:24	
Personnel:	Klosiewski, Kleist	same plus Schmitz	
Water Depth at Location (m):	0.6	1.0	
Sampler Height Above Substrate (m):	0.2	0.2	
Bank Placement: R L	L	same	
Distance From Bank:	25 m	same	
Water Temp (C):	21.2	18.6	
Water Color (clear, turbid, stained):	stained	same	
D.O. (mg/L):	7.1	6.1	
pH:	6.8	7.0	
Conductivity:	89	97	
Transparency Tube (cm):	>120	>120	
Turbidity (NTUs):			
Water Velocity (m/s):	1.2	0.5	