

20170919-64-01

Station Summary

Waterbody Name WISCONSIN RIVER	WBIC 1179900	Field Seq no. generated by SWIMS 149841381
--	------------------------	--

SWIMS Station ID 10021065	SWIMS Station Name WISCONSIN RIVER D.S. OTTER RAPIDS DAM
-------------------------------------	--

Field Sample ID (retrieval date) 9/19/17	Basin (WMU) UPPER WISCONSIN	Watershed Name SUGAR CAMP CREEK	County VILAS
--	---------------------------------------	---	------------------------

Project Name RELATIONSHIP BETWEEN MIBI SCORES AND DISTANCE DOWNSTREAM FROM DAMS

Latitude 45.9036	Longitude -89.32153	Determination Method GPS	Datum Used WGS 84
----------------------------	-------------------------------	------------------------------------	-----------------------------

Site Access Details: Accessed river from canoe put-in on Cloverland Rd

Sample and Site Descriptors

Sampling Device

- Standard Non-wadeable Hester Dendy Hester Dendy Area Calculation = Plate Size (cm) 7162 (square)
Number of Plates 8
- Other Device: _____ Device Area Calculation = Plate Size (cm) _____

Habitat Sampled

- Suspended River Bed

Snags (no./100m) 1 Avg. size (dbh) 12" Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: wooded / brushy

Substrate Composition

Bedrock _____ % Boulder 10 % Cobble 90 % Gravel _____ %
Sand _____ % Silt _____ % Clay _____ % Muck _____ %
Aquatic Macrophytes _____ % CWD _____ % Other (_____): _____ %

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date: <u>8/8/17</u>	<u>8/8/17</u>	<u>9/19/17</u>	<u>42</u>
Time:	<u>12:00</u>	<u>12:00</u>	
Personnel:	<u>J. Kosciowski, J. Kleist, J. Kosciowski, J. Kleist, A. Schmitz</u>		
Water Depth at Location (m):	<u>0.6</u>	<u>0.6</u>	
Sampler Height Above Substrate (m):	<u>0.2</u>	<u>0.2</u>	
Bank Placement: R L	<u>Mid R</u>	<u>Mid R</u>	
Distance From Bank:	<u>40m</u>	<u>same</u>	
Water Temp (C):	<u>19.4°C</u>	<u>18.5°C</u>	
Water Color (clear, turbid, stained):	<u>stained</u>	<u>same</u>	
D.O. (mg/L):	<u>7.1</u>	<u>6.83</u>	
pH:	<u>7.1</u>	<u>7.12</u>	
Conductivity:	<u>86</u>	<u>92</u>	
Transparency Tube (cm):	<u>>120</u>	<u>>120</u>	
Turbidity (NTUs):			
Water Velocity (m/s):	<u>0.3</u>	<u>0.3</u>	