

**Station Summary**

<b>Waterbody Name</b> WISCONSIN RIVER	<b>WBIC</b> 1179900	<b>Field Seq no.</b> generated by SWIMS 163446586
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<b>SWIMS Station ID</b> 353068	<b>SWIMS Station Name</b> WISCONSIN RIVER - BELOW MERRILL DAM		
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<b>Field Sample ID</b> (retrieval date) 20180817-35-01	<b>Basin (WMU)</b> CENTRAL WISCONSIN	<b>Watershed Name</b> PINE CREEK	<b>County</b> LINCOLN
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**Project Name** LARGE RIVER MACROINVERTEBRATE SAMPLING

<b>Latitude</b> 45.1782263	<b>Longitude</b> -89.6861027	<b>Determination Method</b>	<b>Datum Used</b>
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Site Access Details: Approx 1 mile d/s From dam

**Sample and Site Descriptors**

**Sampling Device**

- Standard Non-wadeable Hester Dendy      Hester Dendy Area Calculation = Plate Size (cm) \_\_\_\_\_  
 Number of Plates 24
- Other Device: \_\_\_\_\_      Device Area Calculation = Plate Size (cm) \_\_\_\_\_

**Habitat Sampled**

- Suspended       River Bed

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

Riparian Land Use, Vegetation, and Condition: \_\_\_\_\_

**Substrate Composition**

Bedrock \_\_\_\_\_%      Boulder \_\_\_\_\_%      Cobble 20%      Gravel 60%  
 Sand 20%      Silt \_\_\_\_\_%      Clay \_\_\_\_\_%      Muck \_\_\_\_\_%  
 Aquatic Macrophytes \_\_\_\_\_%      CWD \_\_\_\_\_%      Other ( \_\_\_\_\_ ): \_\_\_\_\_%

**Field Measurements**

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7/5/18	8/17/2018	43
Time:	1305	1005	
Personnel:	Jim Klo, A. Wiat	A. Wiat, Jim Klo	
Water Depth at Location (m):	1 meter	.5 meter	
Sampler Height Above Substrate (m):			
Bank Placement: R L			
Distance From Bank:			
Water Temp (C):	26.2	25.1	
Water Color (clear, turbid, stained):	Tea Colored/clean	Stained/clean	
D.O. (mg/L):	7.51	8.6	
pH:	8.1	7.72	
Conductivity:	83.1	107.5	
Transparency Tube (cm):			
Turbidity (NTUs):			
Water Velocity (m/s):	.2-.4 mps	.2-.4 mps	