

Instructions: **Bold** fields must be completed.

Station Summary			
Waterbody Name <b>WEST BRANCH SUGAR RIVER</b>		Waterbody ID Code 886100	Sample ID (YYYYMMDD-CY-FD) 20171003-13-01
Sampling Location <i>5 m upstream of Docken Rd</i>			Database Key 150693325
SWIMS Station ID 133216		SWIMS Station Name SUGAR RIVER WEST BRANCH - DOCKEN ROAD	
Latitude <i>42.99263</i>	Longitude <i>89.74502</i>	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) SUGAR - PECATONICA		Watershed Name WEST BRANCH SUGAR RIVER - MT. VERNON	County DANE

Sample and Site Descriptors	
Sample Collector (Last Name, First) AMRHEIN, JAMES	Project Name WEST BRANCH SUGAR RIVER 303(D) EVALUATION

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) <i>1</i>	Estimated Area Sampled (m <sup>2</sup> ) <i>2</i>	Number of Samples in Composite <i>1</i>	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) <i>15.0</i>	D.O. (mg/l) <i>8.90</i>	D.O. (% sat.) <i>88.5</i>	pH (su) <i>8.12</i>	Conductivity (umhos/cm) <i>1070</i>	Transparency (cm)
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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 checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input 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)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): \_\_\_\_\_ Gravel (ladybug to tennisball): *90*  
 Sand: \_\_\_\_\_ Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other (*leaves*): *10*  
 Embeddedness of Substrate at Sample Site (%) *0* Canopy Cover at Sample Site (%) *80*

**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
<b>Biological</b>				<b>Chemical</b>			
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:				<b>Sources of Stream Impacts</b>			
				Bank Erosion			
				Point Source - Specify:			
				Pasturing of Livestock			
<b>Physical</b>				Runoff: - Barnyard			
Bank Erosion				- Construction			
Channelization: - Upstream				- Cropland			
- Downstream				- Urban			
Hydraulic Scour / Channel Incision				Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow				Springs			
Sedimentation				Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
Other - Specify:							

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
	Macaula Greider Dimick, Jeffrey	13
Date Processed	Specimens Saved	
1/16/18	Subsample archived in ABL cabinet Apr 2021	

A2 73

A1 88

(161)

