

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name <b>LITTLE BARABOO RIVER</b>		Waterbody ID Code 1282500	Sample ID (YYYYMMDD-CY-FD) 20180910-57-01
Sampling Location <b>US CTH EE</b>		Database Key 168762920	
SWIMS Station ID 10029046		SWIMS Station Name LITTLE BARABOO RIVER 215M US FROM CTH EE	
Latitude 43.57283	Longitude -90.3089	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER WISCONSIN		Watershed Name CROSSMAN CREEK AND LITTLE BARABOO RIVER	County SAUK

Sample and Site Descriptors	
Sample Collector (Last Name, First) JEAN UNMUTH	Project Name LITTLE BARABOO RIVER TWA 2018

**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) <b>4.0</b>	Estimated Area Sampled (m <sup>2</sup> ) <b>1.0</b>	Number of Samples in Composite <b>1</b>	Replicate No. <b>1</b> of <b>1</b>
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**Reason For Sampling**

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

Water Temp. (C) <b>12.3</b>	D.O. (mg/l) <b>10.3</b>	D.O. (% sat.) <b>101</b>	pH (su) <b>7.7</b>	Conductivity (umhos/cm)	Transparency (cm) <b>120</b>
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**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 <b>0.004</b> circle units m/s or f/s	Average Stream Depth of reach (m) <b>0.20</b>	Average Stream Width of reach (m) <b>1.0</b>
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): **50** Gravel (ladybug to tennisball): **40**  
 Sand: \_\_\_\_\_ Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: **10** Coarse Woody Debris: \_\_\_\_\_ Other ( \_\_\_\_\_ ): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%): **10** Canopy Cover at Sample Site (%): **0**

**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		N	
- Filamentous Algae		PL		Dissolved Oxygen		N	
- Planktonic Algae				Nutrients (P, N...)		N	
Iron Bacteria		N		Toxics: - Inorganic (Metals)			
Macrophytes		N		- Organic (PCBs, pesticides...)			
Slimes		N		Other - Specify:			
Other - Specify:				<b>Sources of Stream Impacts</b>			
				Bank Erosion		PL	PH
				Point Source - Specify:			
				Pasturing of Livestock		PL	PH
<b>Physical</b>				Runoff: - Barnyard		N	
Bank Erosion		PH	PH	- Construction		N	
Channelization: - Upstream		N		- Cropland		PL	PL
- Downstream		N		- Urban		N	N
Hydraulic Scour / Channel Incision		N	PH	Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow		N	N	Springs			
Sedimentation		N	PH	Tributary(s)			
Sludge		N		Wetland			
Thermal		N		Other - Specify:			
Turbidity		N					
Other - Specify:							

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter Sam Lamacche	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 33%
Date Processed 4/11/19	Specimens Saved Subsample archived in ABC vial Jun 2022	

A1 B2 D2 A2 C1  
 18 43 33 20 23

137 total