

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name LITTLE BARABOO RIVER		Waterbody ID Code 1282500	Sample ID (YYYYMMDD-CY-FD) 20180910-57-01
Sampling Location US CTH EE		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 R	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) 4.0	Estimated Area Sampled (m <sup>2</sup> ) 1.0	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

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

Water Temp. (C) 12.3	D.O. (mg/l) 10.3	D.O. (% sat.) 101	pH (su) 7.7	Conductivity (umhos/cm)	Transparency (cm) 120
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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 checked="" type="checkbox"/> Slow (< 0.15 m/s) <input 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 0.004 m/s	Average Stream Depth of reach (m) 0.20	Average Stream Width of reach (m) 1.0
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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:		
<b>Physical</b>			Pasturing of Livestock	PL	PH
Bank Erosion	PH	PH	Runoff: - Barnyard	N	
Channelization: - Upstream	N		- Construction	N	
- Downstream	N		- Cropland	PL	PL
Hydraulic Scour / Channel Incision	N	PH	- Urban	N	N
Impoundment: - Upstream			Septic Systems		
- Downstream			Tile Drainage - Organic Soils		
Low Flow	N	N	- Mineral Soils		
Sedimentation	N	PH	Springs		
Sludge	N		Tributary(s)		
Thermal	N		Wetland		
Turbidity	N		Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

**For Lab Use Only**

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

A1 B2 D2 A2 C1  
 18 43 33 20 23

137 total

