

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

Station Summary					
Waterbody Name LITTLE BARABOO RIVER		Waterbody ID Code 1282500		Sample ID (YYYYMMDD-CY-FD) 20180910-57-03	
Sampling Location US Beier Rd.				Database Key 169211498	
SWIMS Station ID 10011056		SWIMS Station Name LITTLE BARABOO RIVER AT BEIER RD. UP TO WOOLEVER RD.			
Latitude 43.572914	Longitude -90.26764	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					
<input checked="" type="checkbox"/> D-Frame Kick Net <input type="checkbox"/> Surber Sampler <input type="checkbox"/> Eckman <input type="checkbox"/> Ponar <input type="checkbox"/> Artificial Substrate <input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____					
Habitat Sampled					
<input checked="" type="checkbox"/> Riffle <input type="checkbox"/> Run <input type="checkbox"/> Pool <input type="checkbox"/> Other <input type="checkbox"/> Shoreline Composite <input type="checkbox"/> Proportionally-Sampled Habitat <input type="checkbox"/> Littoral Zone <input type="checkbox"/> Profundal Zone <input type="checkbox"/> Wetland					
Total Sampling Time (min) 4:10	Estimated Area Sampled (m²) 1.0		Number of Samples in Composite		Replicate No. 1 of 1
Reason For Sampling					
<input type="checkbox"/> Least Impacted Reference <input checked="" type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input type="checkbox"/> Other: _____					
Water Temp. (C) 12.7	D.O. (mg/l) 10.3	D.O. (% sat.) 101	pH (su) 7.7	Conductivity (umhos/cm)	Transparency (cm) 120
Water Color			Estimated Stream Velocity (m/s)		
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained			<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)		
Measured Velocity circle units 0.01 <u>m/s</u> or f/s		Average Stream Depth of reach (m) 0.20		Average Stream Width of reach (m) 1.0	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): 40	
Sand: 10		Clay: _____		Silt/Muck: _____	
Aquatic Macrophytes: _____		Leaf Snags: 10		Coarse Woody Debris: _____	
Embeddedness of Substrate at Sample Site (%) 20		Canopy Cover at Sample Site (%) 60			

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

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Sam Lamarle	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 33%
Date Processed 4/11/19	Specimens Saved Subsample archived on ABL mbi 1 Jun 2022	

C3 D1 D3 C1 BZ
 24 31 23 34 23 -

135 total