

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name LITTLE BARABOO RIVER			Waterbody ID Code 1282500		Sample ID (YYYYMMDD-CY-FD) 20180910-57-02	
Sampling Location DS Henderson Rd.					Database Key 168762924	
SWIMS Station ID 573068		SWIMS Station Name LITTLE BARABOO RIVER AT HENDERSON RD				
Latitude 43.5677193		Longitude -90.2905136		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) 4.0		Estimated Area Sampled (m²) 1.0		Number of Samples in Composite 1		Replicate No. 1 of 1
Reason For Sampling						
<input checked="" 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 0.005 <small>circle units</small> m/s or f/s		Average Stream Depth of reach (m) 0.20		Average Stream Width of reach (m) 3.0		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): 40		Gravel (ladybug to tennisball): 40
Sand: 10		Clay: _____		Silt/Muck: _____		Overhanging Vegetation: _____
Aquatic Macrophytes: _____		Leaf Snags: 10		Coarse Woody Debris: _____		Other (____): _____
Embeddedness of Substrate at Sample Site (%) 20				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
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		PL		- Organic (PCBs, pesticides...)			
Slimes		N		Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		PH	PH
				Point Source - Specify:			
				Pasturing of Livestock		PH	PH
Physical				Runoff: - Barnyard			
Bank Erosion		PH	PH	- Construction			
Channelization: - Upstream		N	N	- Cropland		N	N
- Downstream		N	N	- Urban			
Hydraulic Scour / Channel Incision		PH	PH	Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow				Springs			
Sedimentation		PH	PH	Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
Other - Specify:							

Comments *Far too many cattle + horses on small amount of pasture acreage.*

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Logan Cutler</i>	Taxonomist <i>Dimick LeMay</i>	Estimated Percent of Sample Sorted 47%
Date Processed 4-11-19	Specimens Saved 34 + 16 + 4 + 27 + 14 + 17 + 19 = 131	

B1 A3 D2 B3 C1 E1 C3 Total
 Subsample archived in disc until Jun 2022