

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name <b>BEAVER CREEK</b>		Waterbody ID Code 2129400	Sample ID (YYYYMMDD-CY-FD) <b>20161021-18-02</b>		
Sampling Location <b>0.15 m DS 0140<sup>th</sup></b>			Database Key 133642264		
SWIMS Station ID 183079		SWIMS Station Name <b>BEAVER CREEK AT 140TH AVE BDGE</b>			
Latitude 44.814518	Longitude -91.24745	Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83	
Basin (WMU) <b>LOWER CHIPPEWA</b>		Watershed Name <b>LOWER EAU CLAIRE RIVER</b>		County <b>EAU CLAIRE</b>	
Sample and Site Descriptors					
Sample Collector (Last Name, First) <b>Horvath</b>			Project Name <b>WCR LONG-TERM TREND WADEABLE REFERENCE STREAMS</b>		
Sampling Device					
<input checked="" type="checkbox"/> 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)	Estimated Area Sampled (m <sup>2</sup> )	Number of Samples in Composite		Replicate No. <u>1</u> of <u>1</u>	
Reason For Sampling					
<input checked="" type="checkbox"/> Least Impacted Reference <input 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)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
Water Color			Estimated Stream Velocity (m/s)		
<input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained			<input type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" type="checkbox"/> Fast (> 0.5 m/s)		
Measured Velocity		Average Stream Depth of reach (m)		Average Stream Width of reach (m)	
circle units m/s or f/s		<u>0.3</u>		<u>4.5</u>	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____	Rubble (tennisball to basketball): <u>30</u>	Gravel (ladybug to tennisball): <u>30</u>	
Sand: <u>40</u>		Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: _____	Other (____): _____	
Embeddedness of Substrate at Sample Site (%) <u>30</u>			Canopy Cover at Sample Site (%) <u>0</u>		

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

Comments

Heavy Rain 3 weeks prior caused significant scouring and channel alteration

Special Instructions for Laboratory

alteration

**For Lab Use Only**

Sample Sorter Taylor Hasz	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 8-22-17	Specimens Saved Subsample archived in ABC until Nov 2020	

D1 49  
 B1 58  
 C3 40



