

Instructions: Bold fields must be completed.

Station Summary			
<b>Waterbody Name</b> EAST BRANCH PECATONICA RIVER		<b>Waterbody ID Code</b> 897800	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20201028-33-01
<b>Sampling Location</b> ~20 m downstream of dam		<b>Database Key</b> 252512585	
<b>SWIMS Station ID</b> 333249	<b>SWIMS Station Name</b> PECATONICA R EAST BRANCH - FOOT BRIDGE OFF WATER ST (CTH H) BLANCHA		
<b>Latitude</b> 42.81127	<b>Longitude</b> -89.86165	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV <u>GPS</u>	<b>Datum Used if using GPS</b> <u>WGS84</u> or NAD83
<b>Basin (WMU)</b> SUGAR - PECATONICA		<b>Watershed Name</b> UPPER EAST BRANCH PECATONICA RIVER	<b>County</b> LAFAYETTE
Sample and Site Descriptors			
<b>Sample Collector (Last Name, First)</b> CAMILLE BRUHN		<b>Project Name</b> 2020 -RIDGWAY BRANCH- EAST BRANCH PECATONICA RIV	
<b>Sampling Device</b>			
<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: _____			
<b>Habitat Sampled</b>			
<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			
<b>Total Sampling Time (min)</b> 1	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1	<b>Number of Samples in Composite</b>	<b>Replicate No.</b> _____ <b>of</b> _____
<b>Reason For Sampling</b>			
<input type="checkbox"/> Least Impacted Reference <input type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <i>Ridgway Branch -</i> <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input checked="" type="checkbox"/> Other: <i>E. Branch Pecatonica TWA</i>			
<b>Water Temp. (C)</b> 4.5	<b>D.O. (mg/l)</b> 12.4	<b>D.O. (% sat.)</b> 99	<b>pH (su)</b> 8.56
<b>Water Color</b>		<b>Conductivity (umhos/cm)</b> 627.6	
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained		<b>Estimated Stream Velocity (m/s)</b> <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)	
<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.	<b>Average Stream Width of reach (m)</b> 18	
<b>Composition of Substrate Sampled (Percent):</b>			
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): <u>100</u>	Gravel (ladybug to tennisball): _____
Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other ( _____ ): _____
<b>Embeddedness of Substrate at Sample Site (%)</b> <u>N/A</u>		<b>Canopy Cover at Sample Site (%)</b> <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	Watershed	Factors that may be influencing Water Resource Integrity	Local	Watershed
<b>Biological</b>			<b>Chemical</b>		
Algae: - Diatoms / Periphyton			Chlorine		
- Filamentous Algae			Dissolved Oxygen		
- Planktonic Algae			Nutrients (P, N...)		
Iron Bacteria			Toxics: - Inorganic (Metals)		
Macrophytes			- Organic (PCBs, pesticides...)		
Slimes			Other - Specify:		
Other - Specify:			<b>Sources of Stream Impacts</b>		
			Bank Erosion		
			Point Source - Specify:		
			Pasturing of Livestock		
<b>Physical</b>			Runoff: - Barnyard		
Bank Erosion			- Construction		
Channelization: - Upstream			- Cropland		
- Downstream			- Urban		
Hydraulic Scour / Channel Incision			Septic Systems		
Impoundment: - Upstream			Tile Drainage - Organic Soils		
- Downstream			- Mineral Soils		
Low Flow			Springs		
Sedimentation			Tributary(s)		
Sludge			Wetland		
Thermal			Other - Specify:		
Turbidity					
Other - Specify:					

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter Dunn, Isabel	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 14.1%
Date Processed 7/21/2021	Specimens Saved Subsample archived in ABC until Sept 2024	

5:40-7:30

DJ  
 C3  
 AB  
 1 2 3 4  
 3 2 1 4  
 2-16  
 4  
 3  
 1

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