

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name SAWMILL CREEK		Waterbody ID Code 906000		Sample ID (YYYYMMDD-CY-FD) 20181022-33-02	
Sampling Location 3 m upstream of STH 78				Database Key 170070443	
SWIMS Station ID 10012081		SWIMS Station Name SAWMILL CREEK - UPSTREAM OF STH 78			
Latitude 42.76254	Longitude 89.85901		Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>		Datum Used if using GPS WGS84 or NAD83
Basin (WMU) SUGAR - PECATONICA		Watershed Name LOWER EAST BRANCH PECATONICA RIVER		County LAFAYETTE	
Sample and Site Descriptors					
Sample Collector (Last Name, First) AMRHEIN, JAMES			Project Name SAWMILL AND ERICKSON CREEKS 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 Other: _____					
Habitat Sampled					
<input type="checkbox"/> Riffle <input checked="" 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) 2	Estimated Area Sampled (m²) 2		Number of Samples in Composite 1		Replicate No. _____ of _____
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 Other: _____					
Water Temp. (C) 8.2	D.O. (mg/l) -	D.O. (% sat.) -	pH (su) -	Conductivity (umhos/cm) 608	Transparency (cm)
Water Color			Estimated Stream Velocity (m/s)		
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained			<input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m)		Average Stream Width of reach (m)	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): 30	Rubble (tennisball to basketball): 50	Gravel (ladybug to tennisball): 20	
Sand: _____		Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: _____	Other (_____): _____	
Embeddedness of Substrate at Sample Site (%) 0			Canopy Cover at Sample Site (%) 40		

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			
- Filamentous Algae				Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)			
Iron Bacteria				Toxics: - Inorganic (Metals)			
Macrophytes				- Organic (PCBs, pesticides...)			
Slimes				Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion			
				Point Source - Specify:			
				Pasturing of Livestock			
Physical				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

Handwritten notes in boxes:
 2A = 40
 2D = 24
 64
 1D = 7
 3B = 30
 2C = 26
 Total = 127

For Lab Use Only

Sample Sorter Murphy Steinhilber	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 35%
Date Processed 4/10/2019	Specimens Saved Sub sample archived in ABL until Jun 2022	