

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name HONEY CREEK		Waterbody ID Code 1253900		Sample ID (YYYYMMDD-CY-FD) 20181018-57-02	
Sampling Location				Database Key 169627542	
SWIMS Station ID 10011540		SWIMS Station Name HONEY CREEK (MAIN BRANCH)-HICKORY RD UPSTREAM TO DISCHLER LINE FE			
Latitude 43.332977	Longitude -90.06129		Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER WISCONSIN			Watershed Name HONEY CREEK		County SAUK
Sample and Site Descriptors					
Sample Collector (Last Name, First) JEAN UNMUTH			Project Name SOUTH DISTRICT NC STREAM STRATIFIED SITES 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) 2.0		Number of Samples in Composite 1		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) 16.1	D.O. (mg/l) 9.1	D.O. (% sat.) 95.0	pH (su) 7.9	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 0.120 m/s or f/s		Average Stream Depth of reach (m) 0.30		Average Stream Width of reach (m) 1.5	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): 20		Rubble (tennisball to basketball): 50	
Sand: 10		Clay: _____		Silt/Muck: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____	
Embeddedness of Substrate at Sample Site (%) 10		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		N		Dissolved Oxygen		N	
- Planktonic Algae				Nutrients (P, N...)		PL	
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:			
Physical				Pasturing of Livestock		N	PL
Bank Erosion		PH	PH	Runoff: - Barnyard		N	
Channelization: - Upstream		PH		- Construction		N	
- Downstream				- Cropland		PH	PH
Hydraulic Scour / Channel Incision		PH	PH	- Urban		N	
Impoundment: - Upstream				Septic Systems			
- Downstream				Tile Drainage - Organic Soils			
Low Flow		N		- Mineral Soils			
Sedimentation		PH	PH	Springs			
Sludge		N		Tributary(s)			
Thermal		N		Wetland			
Turbidity		N		Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Abby Adams	Taxonomist Derrick Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 9-7-19	Specimens Saved Subsample archived in ABL until Nov 2022	

D3 42
 E1 39

D1 48

Total Specs = 129

