

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name WHITE HOLLOW CREEK			Waterbody ID Code 1242600		Sample ID (YYYYMMDD-CY-FD) 20180925-25-02
Sampling Location US CTH HH				Database Key 168762866	
SWIMS Station ID 253073		SWIMS Station Name WHITE HOLLOW CR. US OF CTH HH			
Latitude 43.1125011	Longitude -89.933953		Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER WISCONSIN			Watershed Name MILL AND BLUE MOUNDS CREEK		County IOWA
Sample and Site Descriptors					
Sample Collector (Last Name, First) JEAN UNMUTH			Project Name MEUDT-MILL CREEK & KNIGHT HOLLOW-MILL CR. WATEI		
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 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) 11.8	D.O. (mg/l) 10.8	D.O. (% sat.) 103	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 0.04		circle units m/s or f/s	Average Stream Depth of reach (m) 0.10		Average Stream Width of reach (m) 1.0
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 70		Gravel (ladybug to tennisball): 10
Sand: _____		Clay: _____	Silt/Muck: _____		Overhanging Vegetation: _____
Aquatic Macrophytes: _____		Leaf Snags: 20	Coarse Woody Debris: _____		Other (_____): _____
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...)		N	
Iron Bacteria		N		Toxics: - Inorganic (Metals)			
Macrophytes		N		- Organic (PCBs, pesticides...)			
Slimes		N		Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		N	
				Point Source - Specify:			
				Pasturing of Livestock		N	
				Runoff: - Barnyard		N	
				- Construction		N	
				- Cropland		N	
				- Urban		N	
				Septic Systems			
				Tile Drainage - Organic Soils			
				- Mineral Soils			
				Springs			
				Tributary(s)			
				Wetland			
				Other - Specify:			
Physical							
Bank Erosion		N					
Channelization: - Upstream							
- Downstream							
Hydraulic Scour / Channel Incision		N					
Impoundment: - Upstream							
- Downstream							
Low Flow		N					
Sedimentation		N					
Sludge		N					
Thermal		N					
Turbidity		N					
Other - Specify:							

Comments

2 hr NZMS examination on unsorted remnant JFD
 0.6 hr image capturing - not NZMS

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Sam Lamarche	Taxonomist Dimitri Jeffrey	Estimated Percent of Sample Sorted 27%
Date Processed 4/20/19	Specimens Saved Subsample archived in JBL until Jun 2022	

B3 C3 A1 D3
 37 32 41 36

146 total specs