

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name Unnamed Trib. of Mill Creek		Waterbody ID Code 1242900		Sample ID (YYYYMMDD-CY-FD) 20180911-25-02	
Sampling Location US CTH H				Database Key 168762295	
SWIMS Station ID 10051101		SWIMS Station Name UNNAMED TRIB. WBIC: 1242900 OF MILL CR. US CTH H			
Latitude 43.09463	Longitude -89.96416		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 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) 4.0	Estimated Area Sampled (m²) 1.0		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) 14.7	D.O. (mg/l) 11.9	D.O. (% sat.) 117	pH (su) 8.0	Conductivity (umhos/cm) 354	Transparency (cm) 64.0
Water Color <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained			Estimated Stream Velocity (m/s) <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 0.02 m/s or f/s		Average Stream Depth of reach (m) 0.3		Average Stream Width of reach (m) 2.0	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 60	Gravel (ladybug to tennisball): 20	
Sand: 10		Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: _____	Other (____): _____	
Embeddedness of Substrate at Sample Site (%) 70			Canopy Cover at Sample Site (%) 80		

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	N
- Filamentous Algae		PL		Dissolved Oxygen		N	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		PL	PH
				Point Source - Specify:			
Physical							
Bank Erosion		PL	PL	Pasturing of Livestock			
Channelization: - Upstream		PH	PH	Runoff: - Barnyard		N	
- Downstream				- Construction		N	
Hydraulic Scour / Channel Incision		PH	PH	- Cropland		PH	PH
Impoundment: - Upstream				- Urban		N	N
- Downstream				Septic Systems			
Low Flow				Tile Drainage - Organic Soils			
Sedimentation		PH	PH	- Mineral Soils			
Sludge		N		Springs			
Thermal				Tributary(s)			
Turbidity				Wetland			
Other - Specify:				Other - Specify:			

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Sam Camarcho</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>47%</i>
Date Processed <i>4/12/19</i>	Specimens Saved <i>Subsample archived in ABL until Jan 2022</i>	

D1 C1 P2 B2 A3 E1 C3
 21 16 12 28 17 12 19

125 total

