

Instructions: **Bold** fields must be completed.

Station Summary					
Waterbody Name Unnamed Trib. of Mill Creek		Waterbody ID Code 1244900		Sample ID (YYYYMMDD-CY-FD) 20180924-25-03	
Sampling Location US CTH Y				Database Key 168762318	
SWIMS Station ID 10051106		SWIMS Station Name UNNAMED TRIB. WBIC: 1244900 OF MILL CR. US CTH Y			
Latitude 43.0288112	Longitude -90.0296539	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) 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) 15.1	D.O. (mg/l) 10.8	D.O. (% sat.) 111	pH (su)	Conductivity (umhos/cm)	Transparency (cm) 8.2
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 0.05 <small>circle units</small> m/s or f/s		Average Stream Depth of reach (m) 0.10		Average Stream Width of reach (m) 0.80	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): 30	
Sand: 10		Clay: _____		Gravel (ladybug to tennisball): 30	
Aquatic Macrophytes: _____		Silt/Muck: _____		Overhanging Vegetation: _____	
Leaf Snags: 30		Coarse Woody Debris: _____		Other (____): _____	
Embeddedness of Substrate at Sample Site (%) 20		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	
- 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		PL	
				Point Source - Specify:		.	
Physical							
Bank Erosion		PL		Pasturing of Livestock		N	
Channelization: - Upstream		.		Runoff: - Barnyard		N	
- Downstream				- Construction		N	
Hydraulic Scour / Channel Incision		PH		- Cropland		N	
Impoundment: - Upstream		.		- Urban			
- Downstream				Septic Systems			
Low Flow		N		Tile Drainage - Organic Soils			
Sedimentation		PH		- Mineral Soils			
Sludge		N		Springs			
Thermal		N		Tributary(s)			
Turbidity		N		Wetland			
Other - Specify:				Other - Specify:			

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Logan Cutler	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 40%
Date Processed 4/14/2019	Specimens Saved 28+15+26+27+25+40 = 161	

B3 E1 A1 E2 E3 C3 Total
 3hr 3hr 3hr
 subsample archived in ABC until Jun 2022