

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

Station Summary			
Waterbody Name Unnamed Trib. of Mill Cr.		Waterbody ID Code 1242800	Sample ID (YYYYMMDD-CY-FD) 20180911-25-03
Sampling Location US Amacher Hollow Rd.		Database Key 168762193	
SWIMS Station ID 10051103		SWIMS Station Name UNNAMED TRIB. WBIC: 1242800 OF MILL CR. DS AMACHER HOLLOW RD.	
Latitude 43.11093	Longitude -89.98484	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

D-Frame Kick Net
 Surber Sampler
 Eckman
 Ponar
 Artificial Substrate
 Hess Sampler
 Other: _____

Habitat Sampled

Riffle
 Run
 Pool
 Other
 Shoreline Composite
 Proportionally-Sampled Habitat
 Littoral Zone
 Profundal Zone
 Wetland

Total Sampling Time (min) 4.0	Estimated Area Sampled (m²) 1.0	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: _____

Water Temp. (C) 13.0	D.O. (mg/l) 10.0	D.O. (% sat.) 110	pH (su) 7.8	Conductivity (umhos/cm) .	Transparency (cm) 120
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Water Color <input checked="" type="checkbox"/> Clear <input 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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.10	Average Stream Width of reach (m) 0.40
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 80 Gravel (ladybug to tennisball): 10
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____
 Embeddedness of Substrate at Sample Site (%) 10 Canopy Cover at Sample Site (%) 10

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

Comments: Only 2 cows in pasture, good vegetated buffer in entire Corridor

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Abby Adams	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 33%
Date Processed 4-12-19	Specimens Saved Subsample archived in ABL until Jun 2022	

A3 A1 E1 D1 B2 C1 Total = 165
 44 29 28 21 43