

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name MUD CREEK		Waterbody ID Code 810300	Sample ID (YYYYMMDD-CY-FD) 20161024-13-08
Sampling Location 50 m upstream of STH 73			Database Key 135920823
SWIMS Station ID 10046988		SWIMS Station Name MUD CREEK AT STH 73	
Latitude 43.01746	Longitude 89.07211	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS <u>WGS84</u> or NAD83
Basin (WMU) LOWER ROCK		Watershed Name UPPER KOSHKONONG CREEK	County DANE

Sample and Site Descriptors

Sample Collector (Last Name, First) MICHAEL SORGE	Project Name KOSHKONONG CREEK TWA 2016
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Sampling Device

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) 5.0	Estimated Area Sampled (m²) 3.0	Number of Samples in Composite	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) 9.7	D.O. (mg/l) 9.4	D.O. (% sat.) 83.1	pH (su) 8.2	Conductivity (umhos/cm) 729	Transparency (cm) 110
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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 type="checkbox"/> Slow (< 0.15 m/s) <input checked="" 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)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____

Sand: 40 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: 20 Coarse Woody Debris: 40 Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 0 Canopy Cover at Sample Site (%) 60

Stream and Watershed Descriptors

N = Not a problem. PL = Present, Low Impact
 U = Uncertain 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			
- Filamentous Algae				Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)			
Iron Bacteria				Toxics: - Inorganic (Metals)			
Macrophytes				- Organic (PCBs, pesticides...)			
Slimes				Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion			
				Point Source - Specify:			
Physical				Pasturing of Livestock			
Bank Erosion				Runoff: - Barnyard			
Channelization: - Upstream				- Construction			
- Downstream				- Cropland			
Hydraulic Scour / Channel Incision				- Urban			
Impoundment: - Upstream				Septic Systems			
- Downstream				Tile Drainage - Organic Soils			
Low Flow				- Mineral Soils			
Sedimentation				Springs			
Sludge				Tributary(s)			
Thermal				Wetland			
Turbidity				Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Cadie Olson	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 100%
Date Processed 1/24/17	Specimens Saved Subsample archived in ABL until Apr 2016	

B1: 19 E3: 11 B3: 10 D2: 13 C1: 17
 A3: 17 C2: 18 D1: 19 E2: 13 = 131