

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name FENWOOD CREEK		Waterbody ID Code 1428700	Sample ID (YYYYMMDD-CY-FD) 20161003-37-04
Sampling Location DS 30m from bridge			Database Key 133660456
SWIMS Station ID 10015272		SWIMS Station Name FENWOOD CREEK AT CTH M	
Latitude 44.843746	Longitude -90.00468	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) CENTRAL WISCONSIN		Watershed Name LOWER BIG EAU PLEINE RIVER	County MARATHON

Sample and Site Descriptors

Sample Collector (Last Name, First) King, Jacob	Project Name FENWOOD CREEK MACROINVERTEBRATES
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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) 2min	Estimated Area Sampled (m²) 1.5m ²	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. 57°F	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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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)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____
 Boulders (basketball or larger): 10
 Rubble (tennisball to basketball): 70
 Gravel (ladybug to tennisball): 20

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

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

Embeddedness of Substrate at Sample Site (%) _____
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	Watershed	Factors that may be influencing Water Resource Integrity	Local	Watershed
Biological			Chemical		
Algae: - Diatoms / Periphyton	PL		Chlorine		
- Filamentous Algae	N		Dissolved Oxygen		
- Planktonic Algae	N		Nutrients (P, N...)		
Iron Bacteria	U		Toxics: - Inorganic (Metals)		
Macrophytes	N		- Organic (PCBs, pesticides...)		
Slimes	N		Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	N	
Physical			Point Source - Specify:		
Bank Erosion	N		Pasturing of Livestock	N	
Channelization: - Upstream	N		Runoff: - Barnyard	N	
- Downstream	N		- Construction	N	
Hydraulic Scour / Channel Incision	N		- Cropland	N	
Impoundment: - Upstream	N		- Urban	N	
- Downstream	N		Septic Systems		
Low Flow	N		Tile Drainage - Organic Soils		
Sedimentation	N		- Mineral Soils		
Sludge	N		Springs		
Thermal	U		Tributary(s)		
Turbidity	N		Wetland		
Other - Specify:			Other - Specify:		

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Andrew Kohlmann	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 27%
Date Processed 1/18/16	Specimens Saved Subsample archived in ASL until Apr 2020	

A3-32 E2-138
 B2-68
 A1-101