

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name FENWOOD CREEK		Waterbody ID Code 1428700	Sample ID (YYYYMMDD-CY-FD) 20161003-3702
Sampling Location DS 20m from Culvert			Database Key 133660452
SWIMS Station ID 10021018		SWIMS Station Name FENWOOD CREEK AT CTH N	
Latitude 44.902027	Longitude -90.03416	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	
Sampling Device		
<input checked="" type="checkbox"/> 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 checked="" type="checkbox"/> Riffle	<input 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) 1min	Estimated Area Sampled (m²) 1m ²	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

<input type="checkbox"/> Least Impacted Reference	<input 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) 55°F	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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Water Color	Estimated Stream Velocity (m/s)
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<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)

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 1	Average Stream Width of reach (m) 3m
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 80	Gravel (ladybug to tennisball): 20
Sand: 1	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (_____): _____
Embeddedness of Substrate at Sample Site (%) 0		Canopy Cover at Sample Site (%) 70	

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Makayla Gronholm</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>27%</i>
Date Processed <i>1/18/17</i>	Specimens Saved <i>Subsample archived in ABL until Apr 2020</i>	

A3: 24
 D2: 43
 E1: 29
 A2: 34