

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

**Station Summary**

<b>Waterbody Name</b> FENWOOD CREEK		<b>Waterbody ID Code</b> 1428700	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20161003-37-06
<b>Sampling Location</b> DS 20m from bridge			<b>Database Key</b> 133660464
<b>SWIMS Station ID</b> 373175		<b>SWIMS Station Name</b> FENWOOD CREEK AT FAIRVIEW ROAD	
<b>Latitude</b> 44.8151115	<b>Longitude</b> -89.9818478	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>Basin (WMU)</b> CENTRAL WISCONSIN		<b>Watershed Name</b> LOWER BIG EAU PLEINE RIVER	<b>County</b> MARATHON

**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> Ring, Jacob	<b>Project Name</b> FENWOOD CREEK MACROINVERTEBRATES
---	---

**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

<b>Total Sampling Time (min)</b> 3 min	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 2m <sup>2</sup>	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> 1 <b>of</b> 1
---	--	--	------------------------------------

**Reason For Sampling**

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

<b>Water Temp. (C)</b> 59°F	<b>D.O. (mg/l)</b>	<b>D.O. (% sat.)</b>	<b>pH (su)</b>	<b>Conductivity (umhos/cm)</b>	<b>Transparency (cm)</b>
--------------------------------	--------------------	----------------------	----------------	--------------------------------	--------------------------

<b>Water Color</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <input 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)
--	---

<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b>	<b>Average Stream Width of reach (m)</b>
--	--	--

**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 (%)** \_\_\_\_\_   
**Canopy Cover at Sample Site (%)** 20

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

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter Justin Kowalski	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 27%
Date Processed 11/11/17	Specimens Saved Subsample archived in ABL until Apr 2020	

51 C1 45 E2 20 A3 20 D2