

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

Station Summary					
<b>Waterbody Name</b> FISCHER CREEK		<b>Waterbody ID Code</b> 65800		<b>Sample ID (YYYYMMDD-CY-FD)</b> 201810093629	
<b>Sampling Location</b>				<b>Database Key</b> 168907395	
<b>SWIMS Station ID</b> 10031812		<b>SWIMS Station Name</b> FISCHER CREEK AT DAIRYLAND DRIVE			
<b>Latitude</b>	<b>Longitude</b>	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS		<b>Datum Used if using GPS</b> WGS84 or NAD83	
<b>Basin (WMU)</b> MANITOWOC		<b>Watershed Name</b> SEVENMILE AND SILVER CREEKS		<b>County</b> MANITOWOC	
Sample and Site Descriptors					
<b>Sample Collector (Last Name, First)</b> HOLLY STEGEMANN			<b>Project Name</b> NE LAKESHORE TMDL SUPPLEMENTAL MONITORING		
<b>Sampling Device</b>					
<input checked="" type="checkbox"/> D-Frame 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: _____	
<b>Habitat Sampled</b>					
<input type="checkbox"/> Riffle		<input checked="" 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	
<b>Total Sampling Time (min)</b> 4	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 9		<b>Number of Samples in Composite</b> 1		<b>Replicate No.</b> _____ <b>of</b> _____
<b>Reason For Sampling</b>					
<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 checked="" type="checkbox"/> Other: <u>TMDL</u>	
<b>Water Temp. (C)</b> 14.9	<b>D.O. (mg/l)</b> 8.8	<b>D.O. (% sat.)</b> 87.6	<b>pH (su)</b> 7.6	<b>Conductivity (umhos/cm)</b> 494	<b>Transparency (cm)</b>
<b>Water Color</b>			<b>Estimated Stream Velocity (m/s)</b>		
<input type="checkbox"/> Clear <input checked="" 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)		
<b>Measured Velocity</b> circle units m/s or f/s		<b>Average Stream Depth of reach (m)</b> 0.4		<b>Average Stream Width of reach (m)</b> 7	
<b>Composition of Substrate Sampled (Percent):</b>					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): <u>20</u>	
Sand: <u>20</u>		Clay: _____		Gravel (ladybug to tennisball): <u>60</u>	
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____	
Other ( _____ ): _____		Overhanging Vegetation: _____		Other ( _____ ): _____	
<b>Embeddedness of Substrate at Sample Site (%)</b> <u>0</u>			<b>Canopy Cover at Sample Site (%)</b> <u>10</u>		

**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				Chlorine			
- Filamentous Algae				Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)			
Iron Bacteria				Toxics: - Inorganic (Metals)			
Macrophytes				- Organic (PCBs, pesticides...)			
Slimes				Other - Specify:			
Other - Specify:				<b>Sources of Stream Impacts</b>			
				Bank Erosion			
				Point Source - Specify:			
<b>Physical</b>				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 <i>Logan Cutler</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>33%</i>
Date Processed <i>6/12/19</i>	Specimens Saved <i>28 + 23 + 51 + 16 + 35 = 153</i>	

*E3 C3 A3 C1 B2 Total*

*5<sup>hr</sup> subsample archived in ABL until Aug 2022*

