

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> WILSON CREEK		<b>Waterbody ID Code</b> 2066000	<b>Sample ID (YYYYMMDD-CY-FD)</b> 2016/020-17-04
<b>Sampling Location</b> US 5-15m			<b>Database Key</b> 133642208
<b>SWIMS Station ID</b> 10011575		<b>SWIMS Station Name</b> WILSON CREEK - 8-WILSON CREEK, 50' U.S. OF 770TH AVE.	
<b>Latitude</b> 44.9592	<b>Longitude</b> -92.05993	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>Basin (WMU)</b> LOWER CHIPPEWA		<b>Watershed Name</b> WILSON CREEK	<b>County</b> DUNN

**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> Rhy, Jake	<b>Project Name</b> WILSON CREEK WEST TWA 2016
---	---

**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> 3min	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 4m	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> 2 <b>of</b> 1
--	---	--	------------------------------------

**Reason For Sampling**

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

<b>Water Temp. (C)</b> 46°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 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> .5	<b>Average Stream Width of reach (m)</b> 3m
--	--	--

**Composition of Substrate Sampled (Percent):**

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

Sand: \_\_\_\_\_ Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_

Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: 100 Other ( ): \_\_\_\_\_

**Embeddedness of Substrate at Sample Site (%)** \_\_\_\_\_ **Canopy Cover at Sample Site (%)** 90

**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
<b>Biological</b>				<b>Chemical</b>			
Algae: - Diatoms / Periphyton		N		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		PH	
				Point Source - Specify:			
<b>Physical</b>				Pasturing of Livestock		N	
Bank Erosion		PH		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		N		- Mineral Soils			
Sedimentation		U		Springs			
Sludge		N		Tributary(s)			
Thermal		N		Wetland			
Turbidity		N		Other - Specify:			
Other - Specify:							

Comments All sand substrate, sampled woody debris for a 15m stretch

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Andrew Kohlman	Taxonomist Dimeck, Jeffrey	Estimated Percent of Sample Sorted 27%
Date Processed 1/4/17	Specimens Saved Subsample archived in AB L until Mar 2020	

B1-34  
 C3-71  
 D3-100  
 B2-134