

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

**Station Summary**

<b>Waterbody Name</b> ANNIS CREEK		<b>Waterbody ID Code</b> 2066200	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20161025-17-03
<b>Sampling Location</b> under bridge			<b>Database Key</b> 133642160
<b>SWIMS Station ID</b> 10043799		<b>SWIMS Station Name</b> ANNIS CREEK- US USH 12	
<b>Latitude</b> 44.928162	<b>Longitude</b> -91.9875524	<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> Raleigh, Mycal	<b>Project Name</b> WILSON CREEK WEST TWA 2016
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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

<b>Total Sampling Time (min)</b> 1 min	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1.5 m <sup>2</sup>	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> 1 <b>of</b> 1
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**Reason For Sampling**

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

<b>Water Temp.</b> (°C)	<b>D.O. (mg/l)</b>	<b>D.O. (% sat.)</b>	<b>pH (su)</b>	<b>Conductivity (umhos/cm)</b>	<b>Transparency (cm)</b>
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<b>Water Color</b> <input type="checkbox"/> Clear <input checked="" 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)
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<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.4 m	<b>Average Stream Width of reach (m)</b> 3.5 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): 10

Sand: 10   
 Clay: \_\_\_\_\_   
 Silt/Muck: \_\_\_\_\_   
 Overhanging Vegetation: \_\_\_\_\_

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

**Embeddedness of Substrate at Sample Site (%)** 10   
**Canopy Cover at Sample Site (%)** \_\_\_\_\_

**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
<b>Biological</b>			<b>Chemical</b>		
Algae: - Diatoms / Periphyton	N	U	Chlorine	U	U
- Filamentous Algae	N	N	Dissolved Oxygen	U	U
- Planktonic Algae	N	N	Nutrients (P, N...)	U	U
Iron Bacteria	N	N	Toxics: - Inorganic (Metals)	U	U
Macrophytes	N	U	- Organic (PCBs, pesticides...)	U	U
Slimes	N	N	Other - Specify:		
Other - Specify:			<b>Sources of Stream Impacts</b>		
			Bank Erosion	N	U
			Point Source - Specify:	N	
			Pasturing of Livestock	N	
			Runoff: - Barnyard	N	
			- Construction	N	
			- Cropland	N	
			- Urban	N	
			Septic Systems		
			Tile Drainage - Organic Soils		
			- Mineral Soils		
Bank Erosion	N		Springs		
Channelization: - Upstream	N		Tributary(s)		
- Downstream	N		Wetland		
Hydraulic Scour / Channel Incision	N		Other - Specify:		
Impoundment: - Upstream	N				
- Downstream	N				
Low Flow					
Sedimentation					
Sludge	N	N			
Thermal					
Turbidity					
Other - Specify:					

Comments

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Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter McKayla Gironholm	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 1/6/17	Specimens Saved sp. subsample archived in ABC vol 1 Mar 2020	

AB: 135