

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

**Station Summary**

<b>Waterbody Name</b> LITTLE TURTLE CREEK	<b>Waterbody ID Code</b> 791700	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20171020-65-03
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<b>Sampling Location</b>	<b>Database Key</b> 150685698
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<b>SWIMS Station ID</b> 10021352	<b>SWIMS Station Name</b> LITTLE TURTLE CREEK AT LAKE SHORE RD
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<b>Latitude</b> 42.55548	<b>Longitude</b> -88.77145	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
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<b>Basin (WMU)</b> LOWER ROCK	<b>Watershed Name</b> TURTLE CREEK	<b>County</b> WALWORTH
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> RACHEL SABRE	<b>Project Name</b> TURTLE CREEK TWA 2017
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**Sampling Device**

D-Frame 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> 1min	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1m <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. (C)</b> 12.31	<b>D.O. (mg/l)</b> 11.53	<b>D.O. (% sat.)</b> 110.7	<b>pH (su)</b> 8.19	<b>Conductivity (umhos/cm)</b> 777.2	<b>Transparency (cm)</b> 120
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<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)
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<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 3m	<b>Average Stream Width of reach (m)</b> 9.7m
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 40  
 Sand: 20 Clay: \_\_\_\_\_ Silt/Muck: 10 Overhanging Vegetation: 10  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: 10 Coarse Woody Debris: \_\_\_\_\_ Other (\_\_\_\_): \_\_\_\_\_

**Embeddedness of Substrate at Sample Site (%)** 20% **Canopy Cover at Sample Site (%)** 40%

Little Turtle Creek @ Lake Shore Rd  
 Sample # 20171020-65-03  
 Station # 10021352  
 Rachel Sabre  
 1 of 1

**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:			
				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 Kiersten Czarniecki	Taxonomist Dimick Jeffray	Estimated Percent of Sample Sorted 7%
Date Processed 4/25/2018	Specimens Saved Subsample archived in ABC vials / Jul 2021	

#1 B2=146



