

Instructions: Bold fields must be completed.

Station Summary		
<b>Waterbody Name</b> TURTLE CREEK	<b>Waterbody ID Code</b> 790300	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20171017-54-02
<b>Sampling Location</b>		<b>Database Key</b> 150685664

<b>SWIMS Station ID</b> 10010874	<b>SWIMS Station Name</b> TURTLE CREEK - TURTLE CREEK AT HEFTSTROM/O'RILEY RD		
<b>Latitude</b> 42.595818	<b>Longitude</b> -88.7906	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	
<b>Basin (WMU)</b> LOWER ROCK		<b>Watershed Name</b> TURTLE CREEK	<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>County</b> ROCK			

Sample and Site Descriptors	
<b>Sample Collector (Last Name, First)</b> RACHEL SABRE	<b>Project Name</b> TURTLE CREEK TWA 2017

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

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

<b>Water Temp. (C)</b> <u>12.17</u>	<b>D.O. (mg/l)</b> <u>9.47</u>	<b>D.O. (% sat.)</b> <u>90.1</u>	<b>pH (su)</b> <u>7.58</u>	<b>Conductivity (umhos/cm)</b> <u>707.2</u>	<b>Transparency (cm)</b> <u>94</u>
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<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 type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" 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> <u>0.6</u>	<b>Average Stream Width of reach (m)</b> <u>22m</u>
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**Composition of Substrate Sampled (Percent):**

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

**Embeddedness of Substrate at Sample Site (%)** 20% **Canopy Cover at Sample Site (%)** 10%

Turtle Creek at O'Riley Rd  
 Sample # 20171017-54-02  
 Station # 10010874  
 Rachel Sabre  
 1 of 1