

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

**Station Summary**

<b>Waterbody Name</b> SUGAR CREEK	<b>Waterbody ID Code</b> 752100	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20161103-65-03
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<b>Sampling Location</b> 100m DS of Foster Rd Culvert	<b>Database Key</b> 135921677
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<b>SWIMS Station ID</b> 653247	<b>SWIMS Station Name</b> SUGAR CREEK AT FOSTER RD
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<b>Latitude</b> 42.71465	<b>Longitude</b> 88.56065	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV <b>GPS</b>	<b>Datum Used if using GPS</b> WGS84 or <b>NAD83</b>
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<b>Basin (WMU)</b> FOX (IL)	<b>Watershed Name</b> SUGAR AND HONEY CREEKS	<b>County</b> WALWORTH
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> DYLAN OLSON	<b>Project Name</b> SUGAR CREEK TWA [SECTION 319][HUC10] 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

*Submerge woody debris overhanging veg*

<b>Total Sampling Time (min)</b> 4min	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 2m <sup>2</sup>	<b>Number of Samples in Composite</b> 3	<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: TWA

<b>Water Temp. (C)</b> 11.6	<b>D.O. (mg/l)</b> 9.7	<b>D.O. (% sat.)</b> 91.5	<b>pH (su)</b> 7.6	<b>Conductivity (umhos/cm)</b> 854.6	<b>Transparency (cm)</b> 79
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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 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> .30	<b>Average Stream Width of reach (m)</b> 10meter
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): \_\_\_\_\_ Gravel (ladybug to tennisball): 10  
 Sand: 15 Clay: \_\_\_\_\_ Silt/Muck: 25 Overhanging Vegetation: 20  
 Aquatic Macrophytes: 10 Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: 20 Other (\_\_\_\_\_): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%) 90 Canopy Cover at Sample Site (%) 40

