

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> HONEY CREEK	<b>Waterbody ID Code</b> 751500	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20161019-65-06
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<b>Sampling Location</b> US of Bell School Colver	<b>Database Key</b> 137229923
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<b>SWIMS Station ID</b> 10029553	<b>SWIMS Station Name</b> HONEY CREEK US OF BELL SCHOOL RD BRIDGE
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<b>Latitude</b> 42.795162	<b>Longitude</b> -88.32152	<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> 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> RACHEL SABRE	<b>Project Name</b> HONEY 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

*Woody veg  
undercut banks  
leaf packs  
gravelly run*

<b>Total Sampling Time (min)</b> 2min	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 2m <sup>2</sup>	<b>Number of Samples in Composite</b> 2	<b>Replicate No.</b> <u>1</u> of <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> 16.01	<b>D.O. (mg/l)</b> 9.46	<b>D.O. (% sat.)</b> 98.1	<b>pH (su)</b> 7.28	<b>Conductivity (umhos/cm)</b> 852.4	<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 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> —	<b>Average Stream Depth of reach (m)</b> 0.25m	<b>Average Stream Width of reach (m)</b> 10m
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**Composition of Substrate Sampled (Percent):**

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

**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			
<b>Physical</b>				Runoff: - Barnyard			
Bank Erosion				- Construction			
Channelization: - Upstream				- Cropland			
- Downstream				- Urban			
Hydraulic Scour / Channel Incision				Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow				Springs			
Sedimentation				Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Cadie Olson	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 33%
Date Processed 12/5/16	Specimens Saved Subsample archived in ABL until Feb 20 20	

B1: 30 D2: 23 B2: 23  
 A3: 30 C1: 28 =X134