

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> 20161019-65-01

<b>Sampling Location</b> US of Hwy DD bridge	<b>Database Key</b> 136774507
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<b>SWIMS Station ID</b> 10040134	<b>SWIMS Station Name</b> HONEY CREEK 1400FT N OF CTH DD/ACADEMY RD
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<b>Latitude</b> 42.722916	<b>Longitude</b> -88.311066	<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

**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

tree fall  
leaf snag  
overhanging veg

<b>Total Sampling Time (min)</b> 3min	<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> 1 <b>of</b> 1
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**Reason For Sampling**

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

<b>Water Temp. (C)</b> 14.6	<b>D.O. (mg/l)</b> 9.5	<b>D.O. (% sat.)</b> 96.7	<b>pH (su)</b> 7.7	<b>Conductivity (umhos/cm)</b> 820.7	<b>Transparency (cm)</b> 100
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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> 3m	<b>Average Stream Width of reach (m)</b> 10.2
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): \_\_\_\_\_ Gravel (ladybug to tennisball): \_\_\_\_\_  
 Sand: 20 Clay: \_\_\_\_\_ Silt/Muck: 10 Overhanging Vegetation: 20  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: 10 Coarse Woody Debris: 30 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			
<b>Physical</b>				Point Source - Specify:			
Bank Erosion				Pasturing of Livestock			
Channelization: - Upstream				Runoff: - Barnyard			
- Downstream				- Construction			
Hydraulic Scour / Channel Incision				- Cropland			
Impoundment: - Upstream				- Urban			
- Downstream				Septic Systems			
Low Flow				Tile Drainage - Organic Soils			
Sedimentation				- Mineral Soils			
Sludge				Springs			
Thermal				Tributary(s)			
Turbidity				Wetland			
Other - Specify:				Other - Specify:			

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter	Mekayla Gronholm	Taxonomist Dimick, Jeffrey
Date Processed	12/4/16	Estimated Percent of Sample Sorted 20%
		Specimens Saved Subsample archived in ABL until Feb 2020

A3: 40  
 C2: 55  
 E3: 35

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